

Terminal blocks Klippon® Connect

Let's connect.

Version 2021



Orange Selection

Quick and easy planning

As a planning engineer, do you want to select products easily and receive them quickly? From a partner you can rely on? Then plan with the Orange Selection from Weidmüller in the future. The Orange Selection items are always available, carefully selected and the portfolio consists of more than 1,500 items to fully cover your standard needs.

If your order is placed before 3:00 pm, we guarantee that your order will be on its way the very next working day.

For even more efficient planning and production processes, we will of course provide all articles in digital form. CAD, ETIM and eClass data are available in our online product catalogue **catalog.weidmueller.com**

We have summarised all the advantages of the Orange Selection on our website.

Check it out: **www.weidmueller.com/orange-selection**



Dear Customers,

The PDF versions of our catalogues offer practical additional functions, helping you to find your way around our product range and simplifying the ordering process.

In addition to the catalogue, the PDF also contains:

- Internal page links
- Links to the online catalogue

Try it out for yourself. Click the order number to obtain more detailed information and close-up images via your web browser. The links in the PDF file also enable you to go directly to the next desired catalogue page.

Further Weidmüller product catalogues can be accessed by clicking the following:



Terminal blocks

Catalogue 1

Terminal blocks

Universal range

Spring connection with PUSH IN technology (A-Series)

Spring connection with tension clamp technology (Z-Series)

Screw connection with clamping yoke technology (W-Series)

Screw connection with stud technology

Application range

Power feed-in

Power distribution

Control voltage distribution

Instrument transformer wiring

Signal wiring

Signal marshalling

Shielding and earthing

Building installation wiring

Installation

Appendix

Service and support

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Index Type / Order No.
Addresses worldwide

Overview

A



B



C

V

X

Extra efficiency in planning, installation and operation

Klippon® Connect provides you with added value at all stages

Panels are key elements of many industrial applications. They transmit signals, control data and distribute power – sometimes under the most adverse of conditions, such as vibrations, dust, cold or extreme heat. What is more, they have to be individually designed and built to suit the requirements and the industries they will be used in. All of the steps in the panel building process are key to increasing efficiency in the long term and exploiting potential for optimisation.

As your partner in Industrial Connectivity, we consider panel building to be an integrated process – from planning through installation to operation. The result is solutions that support products and processes to offer you added value at all stages. Klippon® Connect, our terminal block range, is the best example of this, given that it is another pioneering solution in the field of industrial connectivity.

Our promise

With Klippon® Connect, you benefit from productivity gains throughout the entire panel building process. These include time-saving planning and project planning, faultless wiring and faster marking operations, for example.



Achieving greater productivity one step at a time

Every panel building process starts at the planning stage. It is here that the foundations for optimum set-up are laid. Once there is a plan in place, preparatory work and installation can start. The panel components are marked, wired and checked. The fully installed panel can then be put into operation. To ensure that you achieve the greatest possible level of efficiency in this process, we have continuously examined the optimisation potential of the individual phases of planning, installation and operation and how they interlink with one another. The result is innovative products and services that support you at all the stages of the panel building process.

Up to 75 percent engineering

- Faster planning with the Weidmüller Configurator
- Error-free configuration through compatibility checks on products and accessories
- High level of transparency throughout the entire process thanks to linked data models
- Easy creation of product documentation



High wiring density with maximum ease of installation

- Noticeably faster wiring with PUSH IN technology
- All product functions can be clearly distinguished
- Flexible potential distribution thanks to various cross-connection options
- Faster marking thanks to endless marker strip and large marking surfaces

Higher availability during operation in the long term

- Simpler testing procedure thanks to integrated test point
- Hot rewiring possible without special tools thanks to PUSH IN technology with pushers
- Gas-tight and vibration-resistant connections for interference-free operation
- Flexible, simple modification and extension

Solutions for more productivity

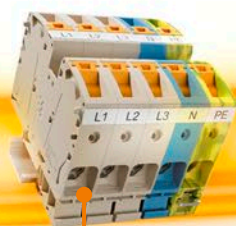
Extremely flexible process design – with Klippon® Connect

Whether it is simple handling, more space in the panel or time saving on installation: Klippon® Connect offers numerous benefits for your process. In line with our range of terminal blocks, we can offer you an application range and a universal range. The particular requirements determine which is the most suitable.

Often, standardisation enables the right solution to be found with our sophisticated, function-oriented universal range. It provides you with practical product features. For recurring application fields, such as control voltage distribution or signal wiring, we offer you the ideal solutions with our application range. Thanks to the high level of application focus, these solutions really do help increase productivity, efficiency and safety. And when tailored configuration is required, our customer-specific assembly service is available.

Our promise

With Klippon® Connect, we offer a comprehensive range of terminal blocks for high levels of productivity in your panel applications.



Power feed-in



Power distribution



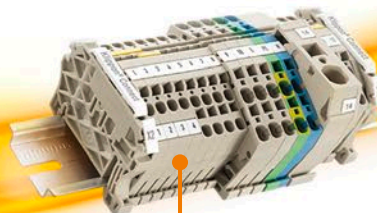
Control voltage distribution



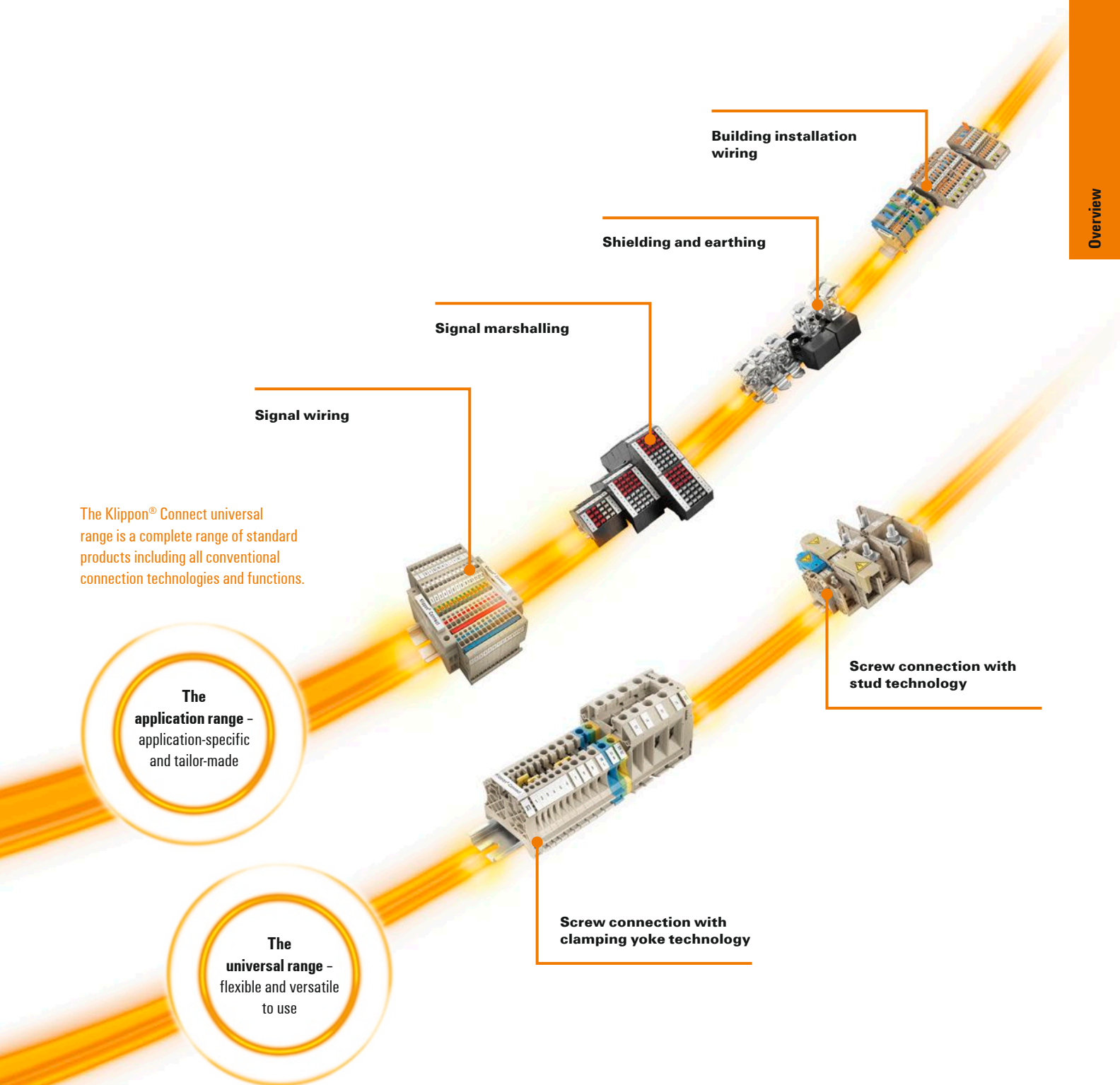
Current and voltage transformer wiring



Spring connection with PUSH IN technology



Spring connection with tension clamp technology



From intelligent item data to the finished panel

Weidmüller Configurator: simpler configuration and ordering

Digital information is becoming increasingly important during product development. Starting with the product selection, configuration and creation of a virtual prototype through to the automated production and installation, end-to-end available data models are a cornerstone of digital production. This requires standardised product data and interfaces between the energy tools networked together and integration into the corporate IT environment. The “Weidmüller Configurator” software forms the ideal basis for end-to-end transparent panel planning.

Our promise

The Weidmüller Configurator speeds up panel planning by up to 70 percent, thus increasing productivity. You can benefit from high levels of data transparency and availability throughout the entire engineering process.

Integrated digital planning – quick and simple

Provision of intelligent item data

The product data from the software provide comprehensive support in configuration and can be fully integrated into all conventional engineering tools. The complete data transparency and availability across all process phases are a basic prerequisite for the implementation of Industry 4.0 in future panel building.

Simple and secure labelling

The Weidmüller Configurator enables virtually labelling of your whole project. Thanks to direct interfaces to CAD programs and the M-Print® PRO labelling software, you can plan and label your components in a single step.

Always the right configuration

The automatic filter function provides active assistance in putting together terminal blocks by preventing and automatically correcting incorrect assemblies. You can only add selected fitting accessories to your current configuration. This makes planning easier and saves a huge amount of time. At the same time, you can benefit from seamless documentation of your assembled terminal rails.

Fast and simple product enquiry

Once you have found your perfect combination, you can enquire about the components directly from the software – either as individual components or as a pre-assembled complete solution on a DIN rail which then only needs to be fitted to the mounting plate.



Get started online now!

The Weidmüller Configurator makes configuration easy. Visit our website and make the most of the wide range of benefits for your engineering process.

Full information on the software can be found here:

www.weidmueller.com/wmc

Tailor-made terminal strips

Flexibly designed to suit your requirements

Your processes in panel building have to be fast, flexible and productive. This is the only way you can cut your costs and increase efficiency. Depending on the application in question, you will have different requirements with respect to the engineering service, delivery speed and flexibility to be provided.

From ready-specified strips that are immediately available from stock, through simple configurations with a short delivery time, to complex solutions with a high engineering requirement, we can respond flexibly to your needs. Simply talk to our sales staff, so that, together, we can head off in the right direction for your project.

Our promise

We believe that custom work is the perfect interaction between the product and the service. Both of these elements combine to form a single unit that guarantees the very best quality and thus satisfied customers, even when it comes to the terminal strips.

**Working
towards
a customer-
specific
solution**

1.

Defining the task

We support you right from the start:

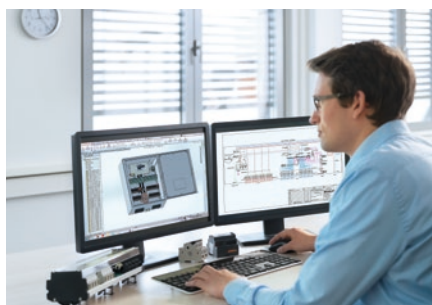
- Actual analysis
- Project definition

2.

Advice

Individually to suit your needs:

- Over the phone and on site
- Application-specific product selection
- In-depth dialogue



Product and service – perfectly coordinated to one another

However your product is designed, at the end of the day you can rest assured that you are using the best solution. Simply tell us what you would like, and we will make it happen:

- Selection of materials for the terminal rails: steel, stainless steel, aluminium or plastic
- Machining the terminal rail: cutting, punching and attaching a wide range of different mounting aids
- Assembling the terminal strips with snap-on components (terminal blocks and electronic products, as well as additional products from other manufacturers as required)
- Establishing cross-connections
- Fitting standard conductors
- Marking terminals, devices, conductors and cables

**Your
turnkey
customised
solution**



3.

Application-specific development

The foundation for your success:

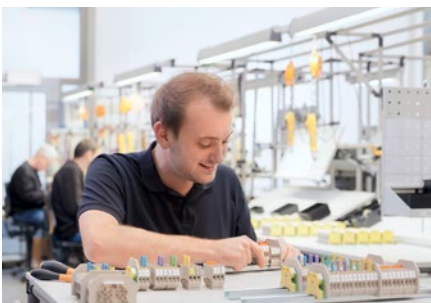
- Joint solution development
- Bespoke configuration
- Sample production

4.

Production, logistics, documentation

Everything from a single source:

- Production technology
- Inventory management
- Comprehensive documentation as per the customer's requirements







Service connects

You will find information about other services from Weidmüller at:

www.weidmueller.com/service

Universal range

Universal range	Connection technologies	A.2
	Spring connection with PUSH IN technology (A-Series)	A.4
	Feed-through terminal blocks	A.6
	PE terminal blocks	A.26
	Fuse terminal blocks	A.36
	Test-disconnect terminal blocks	A.40
	Pluggable terminal blocks	A.48
	Terminal blocks with electronic components	A.64
	Terminal blocks with integrated markers	A.70
	Accessories	A.78
	Spring connection with tension clamp technology (Z-Series)	A.92
	Feed-through terminal blocks	A.94
	PE terminal blocks	A.132
	Fuse terminal blocks	A.150
	Test-disconnect terminal blocks	A.166
	Pluggable terminal blocks	A.170
	Terminal blocks with electronic components	A.192
	Accessories	A.200
	Screw connection with clamping yoke technology (W-Series)	A.212
	Feed-through terminal blocks	A.214
	PE terminal blocks	A.246
	Fuse terminal blocks	A.258
	Test-disconnect terminal blocks	A.280
	Pluggable terminal blocks	A.294
	Terminal blocks with electronic components	A.306
	Mini terminal blocks for enclosure wiring	A.312
	Accessories	A.318
	Screw connection with stud technology	A.334
	Feed-through terminal blocks – SRL	A.336
	Feed-through terminal blocks – WF and WFF	A.342
	Feed-through terminal blocks – ST4000	A.356
	Feed-through terminal blocks – HV 2700 and HV 4000	A.360

Application-oriented wiring

Klippon® Connect always offers the right connection technology

Terminal blocks have to withstand a great deal – day in and day out. In addition to being robust and reliable, they have to be clearly arranged and easy to use. This is the only way to prevent incorrect wiring and ensure reliably safe connections. Any choice of connection technology very much depends on the application in question.

Our promise

Whether you opt for a screw variant or a spring variant, our proven Weidmüller connection systems and the comprehensive Klippon® Connect product range allow you to complete all applications in the panel efficiently and flexibly.



Spring connection with PUSH IN technology

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

Connection sizes:

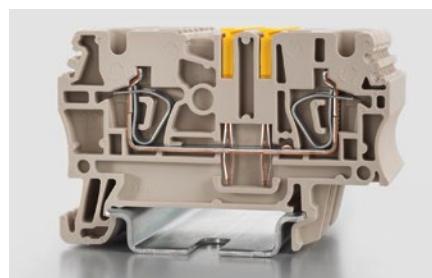
0.13 mm² to 185 mm²

Connection principle:

With the PUSH IN connection technology, the force on the conductor is generated by a pressure spring made of high-quality, acid-resistant stainless steel. The spring sits in a cage and is automatically opened upon connection. The proven Weidmüller system, which separates the mechanical and the electrical function, ensures both high rated data and high conductor pull-out forces.

Application and areas of use:

PUSH IN technology offers the decisive handling benefit wherever solid conductors or conductors with wire-end ferrules are used. And that is both in machine construction and in building installation.



Spring connection with tension clamp technology

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

Connection sizes:

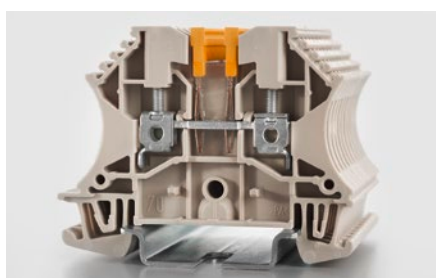
0.05 mm² to 35 mm²

Connection principle:

The tension clamp system works in a similar way to the proven clamping yoke. The tension clamp made of high-quality, acid-resistant stainless steel pulls the conductor against the galvanised copper current bar. The surface-treated current bar permanently provides a low level of contact resistance and a high level of corrosion resistance.

Application and areas of use:

Its fast wiring times and vibration resistance make tension clamp technology an ideal connection solution in industrial zones such as machine construction, the automotive sector, railway construction and shipbuilding.



Screw connection with clamping yoke technology

The patented Weidmüller clamping yoke system sets standards. The fact that it is simple to handle makes clamping yoke technology the universal screwed connection solution for all conductor types.

Connection sizes:

0.05 mm² to 240 mm²

Connection principle:

The clamping yoke system combines the specific properties of steel and copper. While the clamping yoke and clamping screw are made of hardened steel, the current is made of copper or high-quality copper alloy. The clamping yoke pulls the conductor to be connected against the current bar. Our clamping yoke system is maintenance-free and guarantees vibration-resistant connections.

Application and areas of use:

The Weidmüller clamping yoke connection is designed to meet the highest demands, such as those encountered in power generation, power measurement, process technology and even switchgear construction.



Screw connection with stud technology

With stud technology, you are relying on an affordable and, at the same time, a safe and robust connection solution for applications in particularly harsh conditions.

Connection sizes:

10 mm² to 300 mm²

Connection principle:

Cable lugs crimped onto the ends of the conductor ensure a secure connection. The cable lugs are put on between the washer on the clamp support and the thrust washer on the stud. The reverse sides of the cable lugs are positioned against one other. Tightening the hexagon nut causes the cable lug flaps to press against one another – thereby creating a secure contact.

Application and areas of use:

Our stud terminals are particularly suitable for use within traffic engineering, since all stud terminals are tested according to International Railway Industry Standards.

Fast wiring. But safe.

Klippon® Connect enhances your efficiency with PUSH IN technology



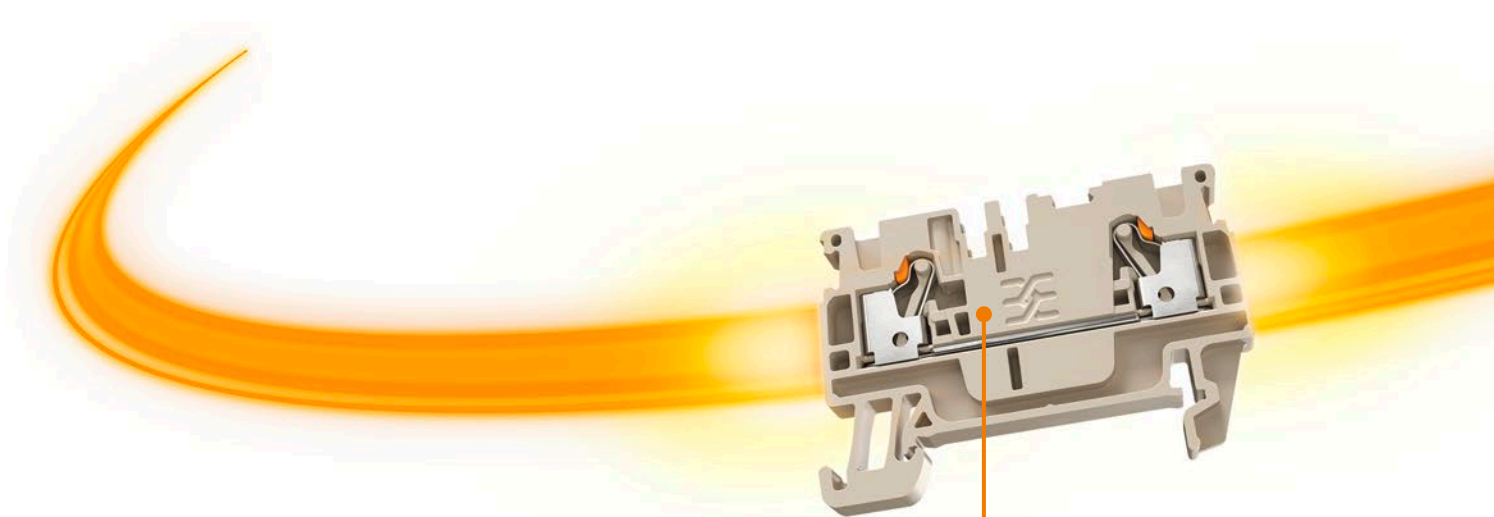
Increase your efficiency during installations without compromising on safety. The innovative PUSH IN technology reduces connection times for solid conductors and conductors with crimped-on wire-end ferrules by up to 50 percent compared to tension clamp terminals. The conductor is simply inserted into the contact point as far as the stop and that's it – you have a safe, gas-tight connection. Even stranded-wire conductors can be connected without any problem and without the need for special tools.



Safe and reliable connections are crucial, especially under harsh conditions, such as those encountered in the process industry. PUSH IN technology guarantees optimal contact security and ease of handling, even in demanding applications.

Our promise

Klippon® Connect gives your panel design maximum flexibility thanks to PUSH IN technology. The extremely compact design and simple handling at the same time help to make processes more efficient right from the planning stage.



Safety

- Standardised test point
- Optical and physical separation of operation and conductor entry
- Vibration-resistant, gas-tight connection with copper power rails and stainless steel spring

**Flexibility**

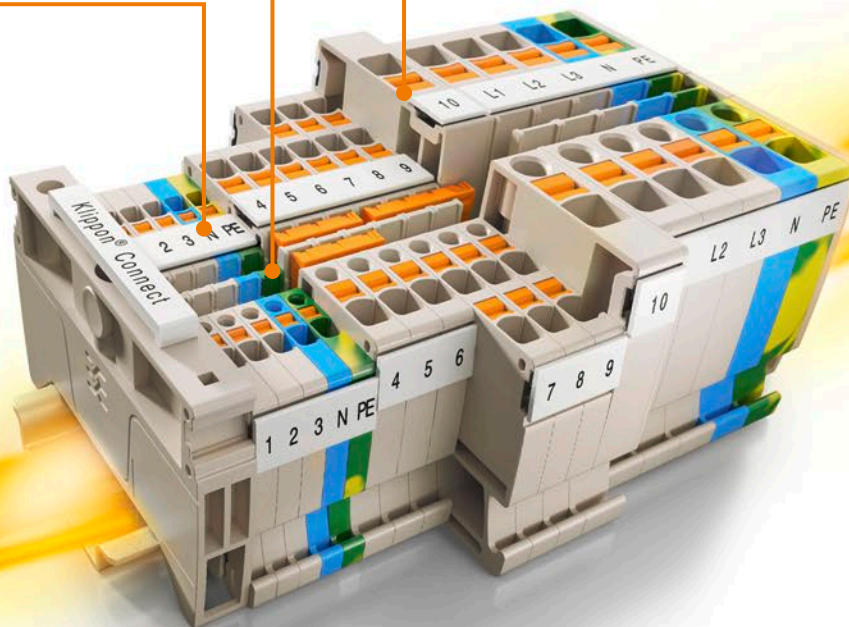
- Release the conductor with any tool
- Large marking surfaces make maintenance work easier
- Clip-in foot compensates for differences in terminal rail dimensions

Time saving

- Mounting foot makes unlatching the terminal block easy
- Clear distinction made between all functional areas
- Easier marking and wiring

Space-saving design

- Slim design creates a large amount of space in the panel
- High wiring density despite less space being required on the terminal rail

**Overview**

Thanks to the extensive choice of accessories and the different cross-connection options, our PUSH IN terminal blocks are the perfect solution for every requirement.

Functional transparency:

All of the terminal blocks' functions can be clearly differentiated from one another – thus ensuring safe and efficient maintenance work.

Ready for automation:

A clear design and simple handling provide the perfect prerequisites for the automation of your panel design.

Safely prevent incorrect wiring:

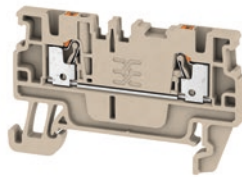
The pusher for releasing the contacts ensures safe contact protection.



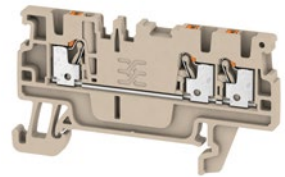
Spring connection with PUSH IN technology (A-Series)

Feed-through terminal blocks

A2C 1.5

1.5 mm²

A3C 1.5

1.5 mm²






































































Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²












3.5 x 55 x 33.5	
17.5 / 1.5	
0.14... 1.5	

3.5 x 61.5 x 33.5	
17.5 / 1.5	
0.14... 1.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-1		Ex eb II C Gb	 II 2 G D			
IEC	UL	CSA	EN 60079-7			
500	300	300	550			
17.5	13	13	15			
1.5	AWG 26...14	AWG 26...14	1.5 mm²			
6 kV / 3						
A1 / V-0						
			TUEV16ATEX7909U			
                                                                   				Rated connection		
0.5...1.5 / 0.5...1.5						
0.5...1.5 / 0.5...1						
8 / 0.4 x 2.0 mm						

IEC 60947-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
500	300	300	440
17.5	13	13	15
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
6 kV / 3			
A1 / V-0			
         		TUEV16ATEX7909U	
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1			
8 / 0.4 x 2.0 mm			

Note

Ordering data

Version	
dark beige	
Blue	
Note	

Type	Qty.	Order No.
A2C 1.5	100	1552790000
A2C 1.5 BL	100	1552820000

Type	Qty.	Order No.
A3C 1.5	50	1552740000
A3C 1.5 BL	50	1552770000

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
2-pole	
10-pole	
End plate	
dark beige	
Blue	
End bracket	
dark beige, screwable	
dark beige, direct mounting	
Test adapter	
1-pole	
stackable	
3-pole	
5-pole	
Test plug	
Screwdriver	
Standard	
Marking tags	

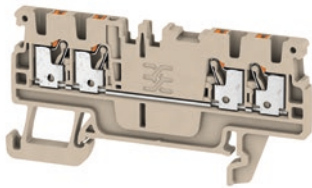
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ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2C 1.5	50	1552600000
AEP 2C 1.5 BL	50	1552610000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 3C 1.5	50	1552620000
AEP 3C 1.5 BL	50	1552630000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

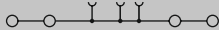
For detailed information on other accessories and application in the online catalogue

A4C 1.5

1.5 mm²



3.5 x 67.5 x 33.5
17.5 / 1.5
0.14...1.5



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	440
17.5	13	13	15
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

6 kV / 3

A1 / V-0

TUEV16ATEX7909U

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

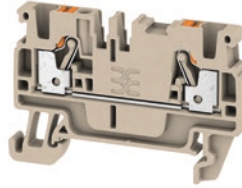
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
A4C 1.5	100	1552690000
A4C 1.5 BL	100	1552700000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 4C 1.5	50	1552640000
AEP 4C 1.5 BL	50	1552650000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

A2C 2.5

2.5 mm²



5.1 x 55 x 36.5
24 / 2.5
0.14...2.5



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	20
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

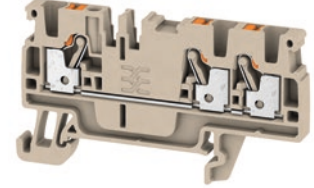
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 2.5	100	1521850000
A2C 2.5 BL	100	1521880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2C 2.5	50	1514400000
AEP 2C 2.5 BL	50	1514420000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0.6X3.5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

A3C 2.5

2.5 mm²



5.1 x 66.5 x 36.5
24 / 2.5
0.14...2.5



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

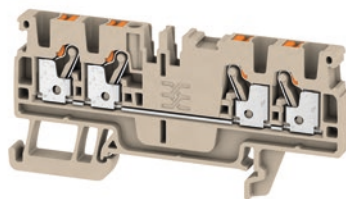
Type	Qty.	Order No.
A3C 2.5	100	1521740000
A3C 2.5 BL	100	1521780000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 3C 2.5	50	1521510000
AEP 3C 2.5 BL	50	1521520000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0.6X3.5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Spring connection with PUSH IN technology (A-Series) Feed-through terminal blocks

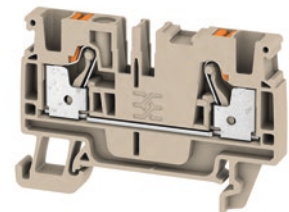
A4C 2.5

2.5 mm²



A2C 4

4 mm²




Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²










5.1 x 77.5 x 36.5	
24 / 2.5	
0.14...2.5	

6.1 x 60 x 39.5	
32 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			

IEC 60947-7-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	28
4	AWG 28...10	AWG 26...10	4 mm ²
8 kV / 3			
A4 / V-0			
       		TUEV16ATEX7909U	
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A4C 2.5	100	1521690000
A4C 2.5 BL	100	1521700000

Type	Qty.	Order No.
A2C 4	100	2051180000
A2C 4 BL	100	2051210000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 4C 2.5	50	1521530000
AEP 4C 2.5 BL	50	1521640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2C 4	50	2051680000
AEP 2C 4 BL	50	2051690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

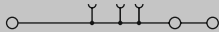
For detailed information on other accessories and application in the online catalogue

A3C 4

4 mm²



6.1 x 74 x 39.5
32 / 4
0.14...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	29
4	AWG 28...10	AWG 26...10	4 mm ²

8 kV / 3

A4 / V-0

TUEV16ATEX7909U

Rated connection

0.5...4 / 0.5...4

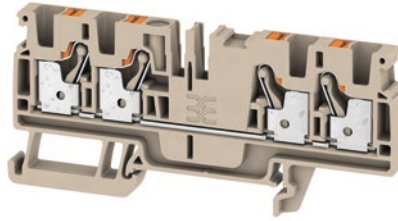
0.5...4 / 0.5...4

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3C 4	50	2051240000
A3C 4 BL	50	2051280000

A4C 4

4 mm²



6.1 x 87.5 x 39.5
32 / 4
0.14...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	30	30	30
4	AWG 28...10	AWG 26...10	4 mm ²

8 kV / 3

A4 / V-0

TUEV16ATEX7909U

Rated connection

0.5...4 / 0.5...4

0.5...4 / 0.5...4

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A4C 4	50	2051500000
A4C 4 BL	50	2051520000

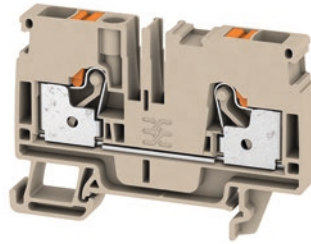
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 3C 4	20	2051720000
AEP 3C 4 BL	20	2051880000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 M-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 4C 4	20	2051900000
AEP 4C 4 BL	20	2051910000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 M-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Spring connection with PUSH IN technology (A-Series) Feed-through terminal blocks

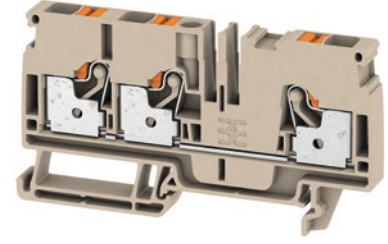
A2C 6

6 mm²



A3C 6

6 mm²












Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²



























8.1 x 66.5 x 45.5	
41 / 6	
0.34...6	

8.1 x 84.5 x 45.5	
41 / 6	
0.34...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
41	38	38	37
6	AWG 22...8	AWG 22...8	6 mm ²
8 kV / 3			
A5 / V-0			
       		TUEV16ATEX7909U	
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			

IEC 60947-7-1		Ex eb II C Gb			II 2 G D
IEC	UL	CSA	EN 60079-7		
800	600	600	550		
41	38	38	36		
6	AWG 22...8	AWG 22...8	6 mm²		
8 kV / 3					
A5 / V-0					
                        			TUEV16ATEX7909U		
Rated connection					
0.5...6 / 0.5...6					
0.5...6 / 0.5...6					
12 / 1.0 x 5.5 mm					

Ordering data

Version	
dark beige	
Blue	
Note	

Type	Qty.	Order No.
A2C 6	50	1992110000
A2C 6 BL	50	1991790000

Type	Qty.	Order No.
A3C 6	50	1991820000
A3C 6 BL	50	1991830000

Accessories

Plug-in cross-connection	
2-pole	
End plate	
dark beige	
Blue	
End bracket	
dark beige, screwable	
dark beige, direct mounting	
Test adapter	
1-pole	
stackable	
Test plug	
Screwdriver	
Standard	
Marking tags	

Type	Qty.	Order No.
ZQV 6N/2	41 A 60	1985740000
AEP 2C 6	50	1991970000
AEP 2C 6 BL	50	1991950000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MI-R	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
ZQV 6N/2	41 A 60	1985740000
AEP 3C 6	50	1991940000
AEP 3C 6 BL	20	1991910000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MI-R	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

For detailed information on other accessories and application in the online catalogue

ALO 6

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

9 x 77 x 45.5
41 / 6
0.34...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

IEC 60947-7-1

Ex eb II
C Gb



II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	38	38	33
6	AWG 22...8	AWG 22...8	6 mm ²

8 kV / 3

A5 / V-0

TUEV16ATEX7909U

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

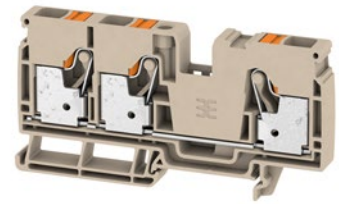
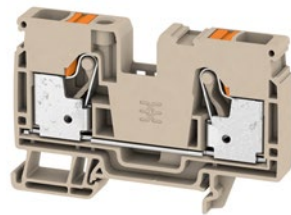
Type	Qty.	Order No.
ALO 6	20	1991780000
ALO 6 BL	20	2065120000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

For detailed information on other accessories and application in the online catalogue








10 mm²



$10 \times 102 \times 51.5$
 $57 / 10$
 $0.5 \dots 10$

A horizontal number line with three tick marks. The first tick mark on the left is labeled '10'. The second tick mark in the middle is labeled '57'. The third tick mark on the right is labeled '0.5'.

DIN EN 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	550
57	55	55	52
10	AWG 20...6	AWG 20...6	10 mm ²
8 kV / 3			
A6 / V-0			
    			TUEV16ATEX7909U
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...10			
18 / 1.0 x 5.5 mm			

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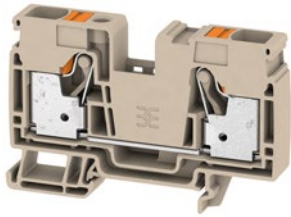
Type	Qty.	Order No.
A3C 10	25	2490520000
A3C 10 BL	25	2490510000

Type		Qty.	Order No.
ZQV 10N/2	57 A	25	2497250000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 10 MI-R	0.2 A	50	1991870000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
WS 7.8/9.2 PLUS MC NE GR		360	1208970000
AEP 3C 10/16		20	2490530000
AEP 3C 10/16 BL		20	2490540000

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A2C 16

16 mm²



12 x 80,5 x 51,5
76 / 16
0.5...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	550
76	62	62	64
16	AWG 18...6	AWG 18...6	16 mm ²

8 kV / 3

A6 / V-0

CE UL CSA EN TÜV A6 / V-0 TUEV16ATEX7909U

Rated connection

0.5...16 / 0.5...16

0.5...16 / 0.5...16

18 / 1.0 x 5.5 mm

A3C 16

16 mm²



12 x 102 x 51,5
76 / 16
0.5...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	550
76	62	62	64
16	AWG 18...6	AWG 18...6	16 mm ²

8 kV / 3

A6 / V-0

CE UL CSA EN TÜV A6 / V-0 TUEV16ATEX7909U

Rated connection

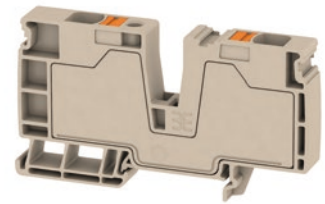
0.5...16 / 0.5...16

0.5...16 / 0.5...16

18 / 1.0 x 5.5 mm

ALO 16

16 mm²



12 x 95,5 x 51,5
76 / 16
0.5...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
76	62	62	69
16	AWG 18...6	AWG 18...6	16 mm ²

8 kV / 3

A6 / V-0

CE UL CSA EN TÜV A6 / V-0 TUEV16ATEX7909U

Rated connection

0.5...10 / 0.5...16

0.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 16	20	2494000000
A2C 16 BL	20	2494100000

Type	Qty.	Order No.
A3C 16	20	2494090000
A3C 16 BL	20	2494080000

Type	Qty.	Order No.
ALO 16	20	2502280000
ALO 16 BL	20	2502320000

Type	Qty.	Order No.
ZQV 16N/2	76 A 25	2497290000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000
AEP 2C 10/16	20	2490380000
AEP 2C 10/16 BL	20	2490390000

Type	Qty.	Order No.
ZQV 16N/2	76 A 25	2497290000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000
AEP 3C 10/16	20	2490530000
AEP 3C 10/16 BL	20	2490540000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
ZQV 6N/2	41 A 60	1985740000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

Spring connection with PUSH IN technology (A-Series)

Feed-through terminal blocks

A2C 35

35 mm²

A2C 35 DM

35 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

16 x 101.5 x 71.5	
125 / 35	
2.5...35	

16 x 135 x 71.5	
125 / 35	
2.5...35	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
125	113		105
35	AWG 12...2		35 mm ²
8 kV / 3			
/ V-0			
TUEV16ATEX7909U			
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
25 / 1.0 x 5.5 mm			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
125	113		105
35	AWG 12...2		35 mm ²
8 kV / 3			
/ V-0			
TUEV16ATEX7909U			
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
25 / 1.0 x 5.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2C 35	10	2551510000
A2C 35 BL	10	2552090000

Type	Qty.	Order No.
A2C 35 DM	10	2551550000
A2C 35 BL DM	10	2552150000

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	
Cross connections insertable	
	2-pole
	3-pole

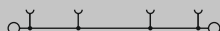
Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	42 A 5	2583090000
AAC 35 2X6 BL	42 A 5	2583170000
AAC 35 2X6 BK-YL	42 A 5	2583190000
AAC 35 2X6 GN-YL	5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	42 A 5	2583090000
AAC 35 2X6 BL	42 A 5	2583170000
AAC 35 2X6 BK-YL	42 A 5	2583190000
AAC 35 2X6 GN-YL	5	2583180000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

For detailed information on other accessories and application in the online catalogue

95 mm²

10..70



IEC	UL	CSA	EN 60079-7
1000	1000		
150	175		
50	AWG 8...0		
	8 kV / 3		
	/ V-0		



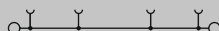
30 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 50/70	5	2663250000
A2C 50/70 BL	5	2663260000

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL		5	2663440000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 VO		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000
ZDV 50/70N/2	150 A	10	2663400000



10..70



IEC	UL	CSA	EN 60079-7
1000	1000		
150	175		
50	AWG 8...0		
	8 kV / 3		
	/ V-0		



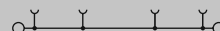
30 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 50/70-DM	5	2663330000
A2C 50/70 BL-DM	5	2663340000

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL		5	2663440000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 VO		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000
ZQV 50/70N/2	150 A	10	2663400000



25...120



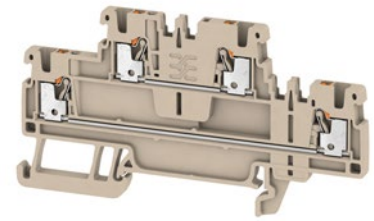
IEC	UL	CSA	EN 60079-7
1000			
232			
95			
	/ 3		
	/ V-0		

CE

30 / 1.0 x 5.5 mm










Type	Qty.	Order No.
A2C 95/120	10	2694060000
A2C 95/120 BL	10	2694070000

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL		5	2663440000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000
ZQV 95/120N/2	232 A	10	2694250000
ZQV 95/120N/3	232 A	10	2694260000

1.5 mm²

$3.5 \times 84 \times 45$
 $16 / 1.5$
 $0.14 \dots 1.5$

IEC 60947-7-1

IEC 60947-2-1		Ex eb II C Gb			II 2 G D
IEC	UL	CSA	EN 60079-7		
500	300	300	440		
16	13	13	13.5		
1.5	AWG 26...14	AWG 26...14	1.5 mm ²		
6 kV / 3					
A1 / V-0					
       			TUEV16ATEX7909U		
Rated connection					
0.5...1.5 / 0.5...1.5					
0.5...1.5 / 0.5...1					
8 / 0.4 x 2.0 mm					

Type	Qty.	Order No.
A2T 1.5	50	2469370000
A2T 1.5 BL	50	2471430000

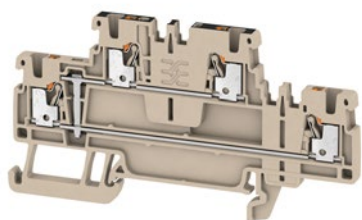
Type	Qty.	Order No.	
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2T 1.5		20	2469420000
AEP 2T 1.5 BL		20	2471470000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MfR	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000

[illegible]

Response	Percentage
Appropriate	55%
Not appropriate	45%

A2T 1.5 VL

1.5 mm²



3.5 x 84 x 45
16 / 1.5
0.14...1.5



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	440
16	13	13	13.5
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

6 kV / 3

A1 / V-0

TUEV16ATEX7909U

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

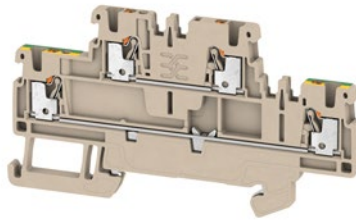
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
A2T 1.5 VL	50	2469400000
A2T 1.5 VL BL	50	2471450000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2T 1.5	20	2469420000
AEP 2T 1.5 BL	20	2471470000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
SNAPMARK 1.5	40	2682080000

A2T 1.5 FT-PE

1.5 mm²



3.5 x 84 x 45
16 / 1.5
0.14...1.5



IEC 60947-7-1, IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	440
16	13	13	13.5
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

6 kV / 3

A1 / V-0

TUEV16ATEX7909U

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

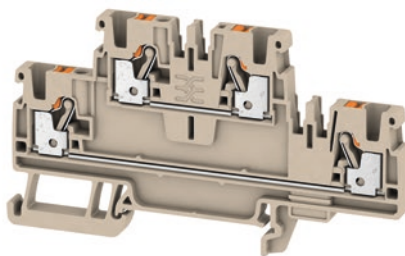
Type	Qty.	Order No.
A2T 1.5 FT-PE	50	2469390000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2T 1.5	20	2469420000
AEP 2T 1.5 BL	20	2471470000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
SNAPMARK 1.5	40	2682080000

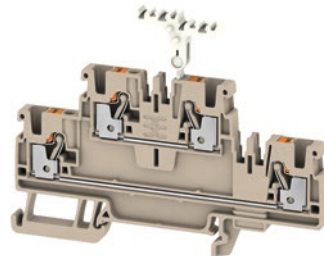
Spring connection with PUSH IN technology (A-Series)

Feed-through terminal blocks

A2T 2.5

2.5 mm²

A2T 2.5 SNAPMARK

2.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 90 x 50.5	
24 / 2.5	
0.14...2.5	

5.1 x 90 x 69	
24 / 2.5	
0.14...2.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	blue
Note	

Type	Qty.	Order No.
A2T 2.5	50	1547610000
A2T 2.5 BL	50	1547620000
Note		

Type	Qty.	Order No.
A2T 2.5 SNAPMARK	50	2581250000
A2T 2.5 SNAPMARK BL	50	2581280000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

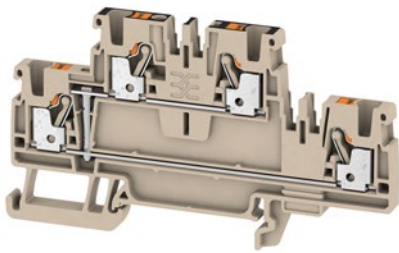
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 3T 2.5	20	2428560000
AEP 3T 2.5 BL	20	2428860000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

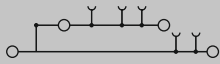
For detailed information on other accessories and application in the online catalogue

A2T 2.5 VL

2.5 mm²



5.1 x 90 x 50.5
24 / 2.5
0.14...2.5



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 VL	50	1547650000
A2T 2.5 VL BL	50	1547660000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

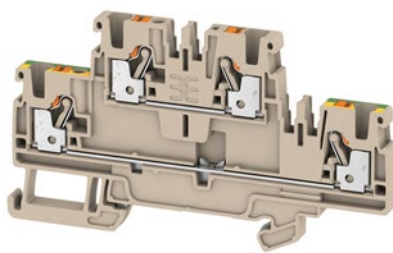
PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

A2T 2.5 FT-PE

2.5 mm²



5.1 x 90 x 50.5
24 / 2.5
0.14...2.5



IEC 60947-7-1, IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	20	21
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 FT-PE	50	1547640000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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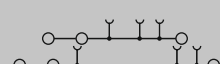
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

A2T 2.5 3C

2.5 mm²



5.1 x 114.5 x 64
22 / 2.5
0.14...2.5



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300		550
22	20		19
2.5	AWG 28...12		2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 3C	50	2531290000
A2T 2.5 3C BL	50	2531510000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

AEP 2T 2.5 3C	20	2532690000
AEP 2T 2.5 3C BL	20	2532700000

AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000

ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000

PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
------------------	---	------------

DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Spring connection with PUSH IN technology (A-Series)

Feed-through terminal blocks

A2T 2.5 3C VL

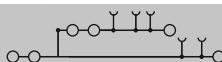
2.5 mm²

A2T 2.5 3C N-FT

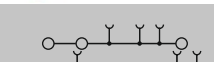
2.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 114.5 x 64
22 / 2.5
0.14...2.5



5.1 x 114.5 x 64
22 / 2.5
0.14...2.5



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

IEC 60947-7-1

Ex eb II

C Gb



II 2 G D

IEC	UL	CSA	EN 60079-7
800	300		550
22	20		19
2.5	AWG 28...12		2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
A2T 2.5 3C VL	50	2531310000
A2T 2.5 3C VL BL	50	2531530000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
22			
2.5			
8 kV / 3			
/ V-0			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

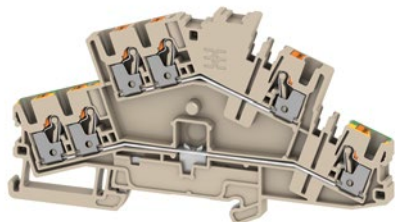
Type	Qty.	Order No.
A2T 2.5 3C N-FT	50	2736830000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

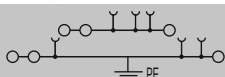
For detailed information on other accessories and application in the online catalogue

A2T 2.5 3C FT-PE

2.5 mm²



5.1 x 114.5 x 64
22 / 2.5
0.14...2.5



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300		550
22	20		19
2.5	AWG 28...12		2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

0.5...2.5 / 0.5...2.5

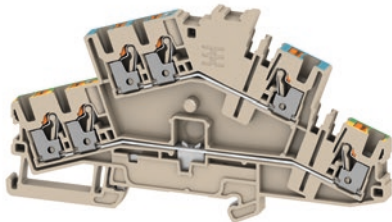
0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

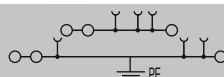
Type	Qty.	Order No.
A2T 2.5 3C FT-PE	50	2531300000

A2T 2.5 3C N-PE

2.5 mm²



5.1 x 114.5 x 64
22 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
22			
2.5			

8 kV / 3

A3 / V-0

Rated connection

0.5...2.5 / 0.5...2.5

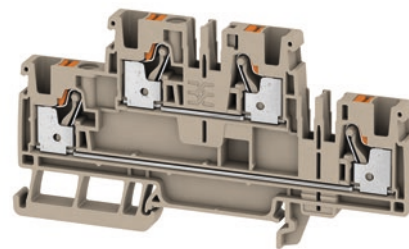
0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

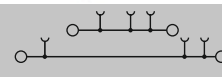
Type	Qty.	Order No.
A2T 2.5 3C N-PE	50	2623550000

A2T 4

4 mm²



6.1 x 100 x 53.5
32 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		550
32	30		25
4	AWG 26...10		4 mm ²

8 kV / 3

A4 / V-0

TUEV16ATEX7909U

Rated connection

0.5...4 / 0.5...4

0.5...4 / 0.5...4

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 4	50	2539970000
A2T 4 BL	50	2540040000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

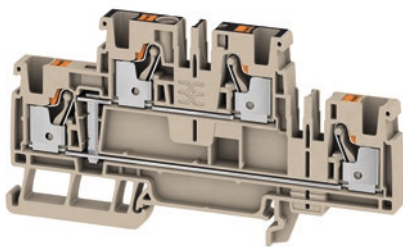
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MI-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000



Spring connection with PUSH IN technology (A-Series) Feed-through terminal blocks

A2T 4 VL

4 mm²

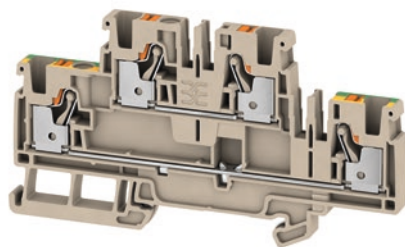


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 100 x 53.5	
32 / 4	
0.14...4	

A2T 4 FT-PE

4 mm²



6.1 x 100 x 53.5	
32 / 4	
0.14...4	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600		550
32	30		25
4	AWG 26...10		4 mm ²
8 kV / 3			
A4 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 / 0.6 x 3.5 mm			

IEC 60947-7-1, IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
800	600		550
32	30		25
4	AWG 26...10		4 mm ²
8 kV / 3			
A4 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 / 0.6 x 3.5 mm			

Ordering data

Version	
dark beige	
blue	
Note	

Type	Qty.	Order No.
A2T 4 VL	50	2540020000
A2T 4 VL BL	50	2540030000

Type	Qty.	Order No.
A2T 4 FT-PE	50	2539980000

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
2-pole	
10-pole	
End plate	
dark beige	
blue	
End bracket	
dark beige, screwable	
dark beige, direct mounting	
Test adapter	
1-pole	
stackable	
3-pole	
5-pole	
Test plug	
Screwdriver	
Standard	
Marking tags	

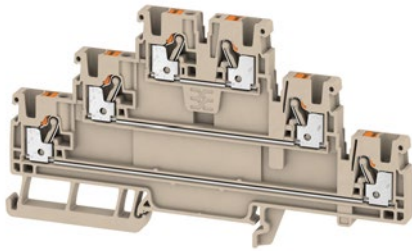
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 M-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 M-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

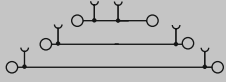
For detailed information on other accessories and application in the online catalogue

A3T 2.5

2.5 mm²



5.1 x 116 x 64.5
22 / 2.5
0.14...2.5



DIN EN 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

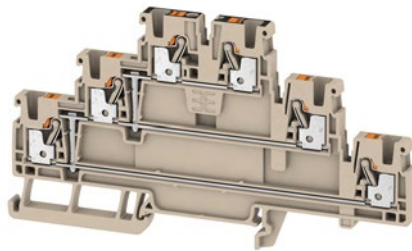
0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

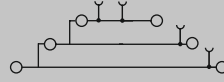
10 / 0.6 x 3.5 mm

A3T 2.5 VL

2.5 mm²



5.1 x 116 x 64.5
24 / 2.5
0.14...2.5



DIN EN 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

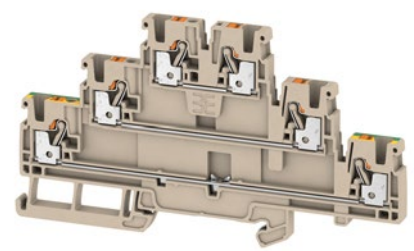
0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

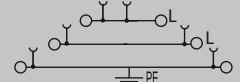
10 / 0.6 x 3.5 mm

A3T 2.5 FT-FT-PE

2.5 mm²



5.1 x 116 x 64.5
24 / 2.5
0.14...2.5



DIN EN 60947-7-1, DIN EN 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²

8 kV / 3

A3 / V-0

TUEV16ATEX7909U

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3T 2.5	50	2428510000
A3T 2.5 BL	50	2428520000

Type	Qty.	Order No.
A3T 2.5 VL	25	2428540000
A3T 2.5 VL BL	25	2428550000

Type	Qty.	Order No.
A3T 2.5 FT-FT-PE	50	2428530000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 3T 2.5	20	2428560000
AEP 3T 2.5 BL	20	2428560000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

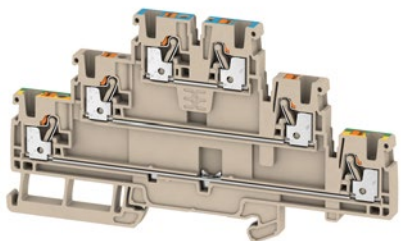
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 3T 2.5	20	2428560000
AEP 3T 2.5 BL	20	2428560000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 3T 2.5	20	2428560000
AEP 3T 2.5 BL	20	2428560000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000



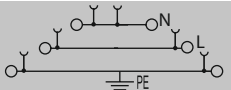
Spring connection with PUSH IN technology (A-Series) Feed-through terminal blocks

A3T 2.5 N-FT-PE 2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

5.1 x 116 x 64.5	
24 / 2.5	
0.14...2.5	



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-
Note	

DIN EN 60947-7-1, DIN EN 60947-7-2			
IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm²
8 kV / 3			
A3 / V-0			
Ex eb II C Gb Ex II 2 G D			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A3T 2.5 N-FT-PE	50	2428840000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 3T 2.5		
AEP 3T 2.5 BL	20	2428560000
AEP 3T 2.5 BL	20	2428860000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO		
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MHR		
ATPG 2.5 MHR	0.2 A 50	1991960000
ATPG 2.5/3		
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5		
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS		
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS		
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS		
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I		
SNAPMARK I	50	1805880000

For detailed information on other accessories and application in the online catalogue

AMC 2.5

2.5 mm²

AMC 2.5 800 V

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 107.5 x 88	
22 / 2.5	
0.14...2.5	

6.1 x 107.5 x 88	
22 / 2.5	
0.14...2.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

DIN EN 60947-7-1, DIN EN 60947-7-2			
IEC	UL	CSA	EN 60079-7
690	150	150	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

DIN EN 60947-7-1, DIN EN 60947-7-2			
IEC	UL	CSA	EN 60079-7
800	600	600	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Note

Ordering data

Version	
dark beige	
Note	

Type	Qty.	Order No.
AMC 2.5	50	2434340000

Type	Qty.	Order No.
AMC 2.5 800V	50	2434370000

Accessories

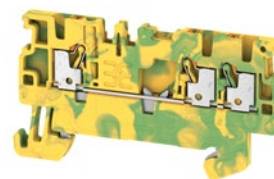
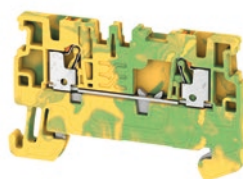
Plug-in cross-connection	
2-pole	
10-pole	
Vertical jumpers	
1-pole	
End plate	
dark beige	
End bracket	
dark beige, screwable	
dark beige, direct mounting	
Test plug	
Screwdriver	
Standard	
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZVQ 2.5/1.5	24 A 50	1720700000
AEP MC 2.5	25	2433820000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000


Type	Qty.	Order No.
ZQV 2.5/1.5	24 A 50	1720700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

For detailed information on other accessories and application in the online catalogue

1.5 mm²



3.5 x 55 x 33.5
/ 1.5
0.14...1.5




























The diagram shows a horizontal line representing a cable. Three vertical lines (shields) connect the cable to a common ground symbol (three horizontal lines of decreasing width). The ground symbol is labeled 'PE'.

3.5 x 61.5 x 33.5
/ 1.5
0.14...1.5












The diagram shows a horizontal line representing a cable with three conductors. The first conductor on the left is connected to a ground symbol (a circle with three horizontal lines of decreasing width). The second and third conductors are connected to a common ground point labeled 'PE' (Protective Earth), which is represented by a circle with three horizontal lines of decreasing width.

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
180 A (1.5 mm ²)			
3			
A1 / V-0			
                        			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1			
8 / 0.4 x 2.0 mm			

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
180 A (1.5 mm ²)			
3			
A1 / V-0			
        			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1			
8 / 0.4 x 2.0 mm			

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Type	Qty.	Order No.
A2C 1.5 PE	50	1552680000

Type	Qty.	Order No.
A3C 1.5 PE	50	1552670000

Type	Qty.	Order No.
AEP 2C 1.5	50	1552600000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MH-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

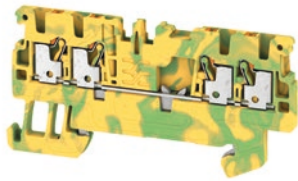
Type		Qty.	Order No.
AEP 3C 1.5		50	1552620000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 1.5 MI-R	0.2 A	50	1991880000
PS 2.0 MC		20	0310000000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

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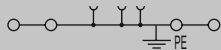
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A4C 1.5 PE

1.5 mm²



3.5 x 67.5 x 33.5
/ 1.5
0.14...1.5



IEC 60947-7-2

Ex eb II C GbII 2 G D



IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			

180 A (1.5 mm²)

3

A1 / V-0



Rated connection

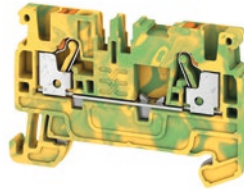
0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

A2C 2.5 PE

2.5 mm²



5.1 x 55 x 36.5
/ 2.5
0.14...2.5



IEC 60947-7-2

Ex eb II C GbII 2 G D



IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
800			

300 A (2.5 mm²)

3

A3 / V-0



Rated connection

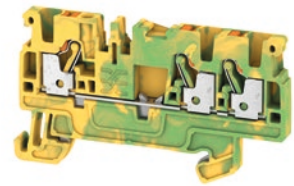
0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

A3C 2.5 PE

2.5 mm²



5.1 x 66.5 x 36.5
/ 2.5
0.14...2.5



IEC 60947-7-2

Ex eb II C GbII 2 G D



IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
800			

300 A (2.5 mm²)

3

A3 / V-0



Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A4C 1.5 PE	50	1552660000

Type	Qty.	Order No.
A2C 2.5 PE	50	1521680000

Type	Qty.	Order No.
A3C 2.5 PE	50	1521670000

Type	Qty.	Order No.
AEP 4C 1.5	50	1552640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

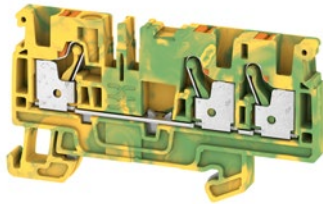
Type	Qty.	Order No.
AEP 2C 2.5	50	1514400000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0.6X3.5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
AEP 3C 2.5	50	1521510000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0.6X3.5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

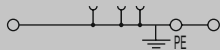
2737890000

A3C 4 PE

4 mm²



6.1 x 74 x 39.5
/ 4
0.14...4



IEC 60947-7-2

Ex eb II C GbII 2 G D



IEC	UL	CSA	EN 60079-7
4	AWG 28...10	AWG 26...10	4 mm ²
800			

480 A (4 mm²)

3

A4 / V-0



Rated connection

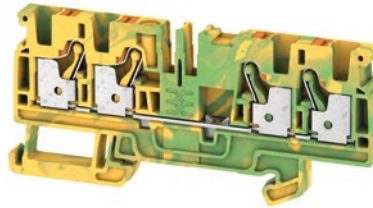
0.5...4 / 0.5...4

0.5...4 / 0.5...4

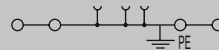
12 / 0.6 x 3.5 mm

A4C 4 PE

4 mm²



6.1 x 87.5 x 39.5
/ 4
0.14...4



IEC 60947-7-2

Ex eb II C GbII 2 G D



IEC	UL	CSA	EN 60079-7
4	AWG 28...10	AWG 26...10	4 mm ²
800			

480 A (4 mm²)

3

A4 / V-0



Rated connection

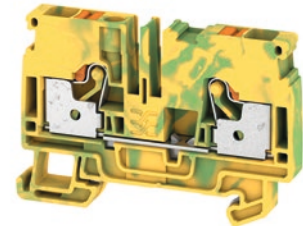
0.5...4 / 0.5...4

0.5...4 / 0.5...4

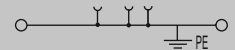
12 / 0.6 x 3.5 mm

A2C 6 PE

6 mm²



8.1 x 66.5 x 45.5
/ 6
0.34...6



IEC 60947-7-2

Ex eb II C GbII 2 G D



IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 22...8	6 mm ²
800			

720 A (6 mm²)

3

A5 / V-0



Rated connection

0.5...6 / 0.5...6

0.5...6 / 0.5...6

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3C 4 PE	50	2051410000

Type	Qty.	Order No.
A4C 4 PE	50	2051560000

Type	Qty.	Order No.
A2C 6 PE	50	1991810000

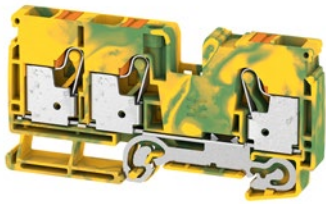
Type	Qty.	Order No.
AEP 3C 4	20	2051720000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
AEP 4C 4	20	2051900000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MI-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

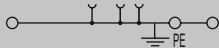
Type	Qty.	Order No.
AEP 2C 6	50	1991970000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MI-R	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS-A 8/8 MM WS	500	2448930000
WS 10/8 PLUS MC NE WS	420	1905950000

A3C 10 PE

10 mm²



10 x 102 x 51.5
/ 10
0.5...10



IEC 60947-7-2

Ex eb II C Gbll 2 G D



IEC	UL	CSA	EN 60079-7
10	AWG 20...6	AWG 20...6	10 mm ²
1000			
	1200 A (10 mm ²)		
	3		
	A6 / V-0		



Rated connection

0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

A2C 16 PE

16 mm²



12 x 80.5 x 51.5
/ 16
0.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 18...6	AWG 18...6	16 mm ²
1000			
	1920 A (16 mm ²)		
	3		
	A6 / V-0		



Rated connection

0.5...16 / 0.5...16
0.5...16 / 0.5...16
18 / 1.0 x 5.5 mm

A3C 16 PE

16 mm²



12 x 102 x 51.5
/ 16
0.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 18...6	AWG 18...6	16 mm ²
1000			
	1920 A (16 mm ²)		
	3		
	A6 / V-0		



Rated connection

0.5...16 / 0.5...16
0.5...16 / 0.5...16
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A3C 10 PE	25	2490590000

Type	Qty.	Order No.
A2C 16 PE	20	2494010000

Type	Qty.	Order No.
A3C 16 PE	20	2494020000

Type	Qty.	Order No.
AEP 3C 10/16	20	2490530000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

Type	Qty.	Order No.
AEP 2C 10/16	20	2490380000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

Type	Qty.	Order No.
AEP 3C 10/16	20	2490530000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000



Spring connection with PUSH IN technology (A-Series) PE terminal blocks

A2C 35 PE

35 mm²



A2C 50/70 PE

50 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

16 x 101 x 71.5	
/ 35	
2.5...35	

20 x 101.5 x 80.5	
/ 70	
10...70	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	-
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
35	AWG 12...2		35 mm ²
1000			
	4200 A (35 mm ²)		
	3		
	/ V-0		
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
25 / 1.0 x 5.5 mm			

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
50	AWG 8...0		
1000			
	6000 A (50 mm ²)		
	3		
	/ V-0		
Rated connection			
10...70 / 10...70			
10...70 / 10...50			
30 / 1.0 x 5.5 mm			

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
A2C 35 PE	10	2551520000

Type	Qty.	Order No.
A2C 50/70 PE	5	2663280000

Accessories

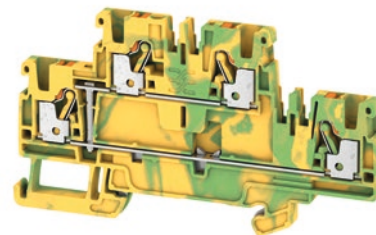
Additional tap	
dark beige	
blue	
black/yellow	
green/yellow	
End bracket	
dark beige, screwable	
dark beige, direct mounting	
Test adapter	
1-pole stackable	
Test plug	
Screwdriver	
Standard	
Warning labels	
Marking tags	
End plate	
dark beige	

Type	Qty.	Order No.
AAC 35 2X6 GN-YL	5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
WS-A 8/16 MM WS	200	2619910000

Type	Qty.	Order No.
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	5	2663440000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

For detailed information on other accessories and application in the online catalogue

2.5 mm²



Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
800			
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2T 2.5 PE	50	1547680000

Type	Qty.	Order No.
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
AFP 2T 2.5	20	1547690000

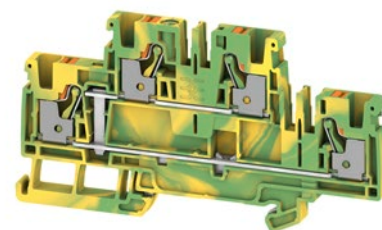
Spring connection with PUSH IN technology (A-Series)

PE terminal blocks

A2T 2.5 3C PE

2.5 mm²

A2T 4 PE

4 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 114.2 x 64	
/ 2.5	
0.14...2.5	

6.1 x 100 x 53.5	
/ 4	
0.14...4	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	-
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12		2.5 mm ²
800			
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10		4 mm ²
800			
8			
	480 A (4 mm ²)		
	3		
	A4 / V-0		
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 / 0.6 x 3.5 mm			

Note

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
A2T 2.5 3C PE	50	2531320000

Type	Qty.	Order No.
A2T 4 PE	50	2539990000

Accessories

Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	
End plate	
	dark beige

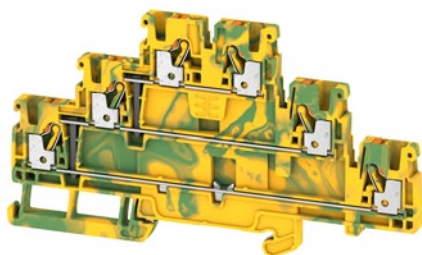
Type	Qty.	Order No.
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
AEP 2T 2.5 3C	20	2532690000

Type	Qty.	Order No.
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MI-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000
AEP 2T 4	20	2540000000

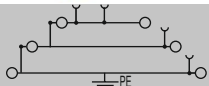
For detailed information on other accessories and application in the online catalogue

A3T 2.5 PE

2.5 mm²



5.1 x 116 x 64.5
/ 2.5
0.14...2.5



DIN EN 60947-7-2

Ex eb II C GbII 2 G D



IEC	UL	CSA	EN 60079-7
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
800			

300 A (2.5 mm²)

3

A3 / V-0



Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A3T 2.5 PE	50	2428550000

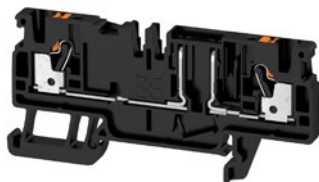
Type		Qty.	Order No.
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 MI-R	0.2 A	50	1991960000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
AEP 3T 2.5		20	2428560000



Spring connection with PUSH IN technology (A series) Fuse terminals blocks

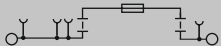
AFS 2.5 CF 2C

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 77.5 x 37.65
10 / 2.5
0.14...2.5



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	
Note	

In accordance with IEC 60947-7-3

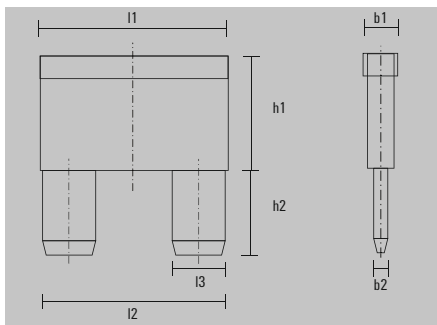
IEC	UL	CSA	EN 60079-7
500	300 (C)		
10	16		
2.5	AWG 28...12		
	/ 3		
	A3 /		
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			
The electrical data are determined by the fuse and fault indication.			

Ordering data

Version	
400 V DC	
12 V DC	
24 V DC	
Note	

Type	Qty.	Order No.
AFS 2.5 CF 2C BK	50	2466530000
AFS 2.5 CF 2C 12V BK	50	2466610000
AFS 2.5 CF 2C 24V BK	50	2466600000
Blade-fuse inserts: from 42 V observe protection against contact.		

Dimensions for blade-type fuse inserts according to DIN 72581-3:2001-03



b1 max.	b2 ± 0.4	h1 max.	h2 ± 0.2	I1 max.	I2 ± 0.3	I3 ± 0.2
4	0.82	9	7.5	12	10.9	2.8

Accessories

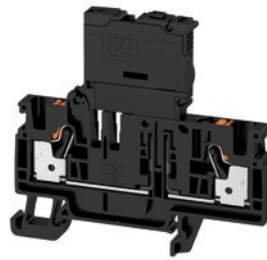
Plug-in cross-connection	
2-pole	
10-pole	
End plate	
Black	
Test plug	
Terminal blocks identical in contour	
Screwdriver	
Standard	
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 4C 2.5 BK	50	2486660000
PS 2.0 MC	20	0310000000
A3C 2.5	24 A 100	1521740000
A3C 2.5 PE	50	1521670000
ADT 2.5 2C	20 A 50	1989800000
A2C 2.5 /DT/FS	24 A 100	1989900000
A2C 2.5 PE /DT/FS	50	1989890000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 10/5 M PLUS MC NE WS	600	2003770000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

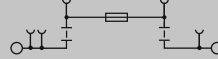
AFS 4 2C

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 74 x 68
6.3 / 4
0.14...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	

DIN EN 60947-7-3

Ex ec II
C Gc



II 3 G D

IEC	UL	CSA	EN 60079-7
500	150 (C)	150 (C)	
6.3	10	10	6.3
4	AWG 26...10	AWG 26...10	4 mm ²
4 kV / 3			
A4 / V-0			
TUEV17ATEX8064U			
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 / 0.6 x 3.5 mm			

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	41 °C	4,0 W / 6,3 A	31 °C	1,6 W / 6,3 A
In combination	32 °C	2,5 W / 6,3 A	34 °C	1,6 W / 6,3 A

Note

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	
Note	

Type	Qty.	Order No.
AFS 4 2C BK	50	2429860000
AFS 4 2C 10-36V BK	50	2429870000
AFS 4 2C 30-70V BK	50	2434350000
AFS 4 2C 60-150V BK	50	2434380000
AFS 4 2C 100-250V BK	50	2434390000

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
End plate	
Black	
Test plug	
Terminal blocks identical in contour	
Screwdriver	
Standard	
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 3C 4 BK	20	2486640000
PS 2.0 MC	20	0310000000
A3C 4	32 A 50	2051240000
A3C 4 PE	50	2051410000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/6 PLUS MC NE WS	1000	1011320000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

G-fuse cartridge, 5 x 20 mm (IEC 60127-2)

0.25 A fast
0.50 A fast
1.00 A fast
2.00 A fast

For detailed information on other accessories and application in the online catalogue

Spring connection with PUSH IN technology (A series)

Fuse terminals blocks

AFS 4 2C BK/BL

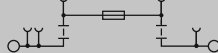
4 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 74 x 68

6.3 / 4

0.14...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	

Note

DIN EN 60947-7-3

IEC	UL	CSA	EN 60079-7
500	150 (C)	150 (C)	
6.3	10	10	6.3
4	AWG 26...10	AWG 26...10	4 mm ²
4 kV / 3			
A4 / V-0			
TUEV17ATEX8064U			
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 / 0.6 x 3.5 mm			

Ordering data

Version
500 V AC/DC, without LED
10-36 V AC/DC, with LED
100 - 250 V AC/DC, with LED
Note

Type	Qty.	Order No.
AFS 4 2C BK/BL	50	2548140000
AFS 4 2C 10-36V BL/BL	50	2680570000
AFS 4 2C 100-250V BL/BL	50	2680590000

Accessories

Plug-in cross-connection
2-pole
10-pole
End plate
Black
Test plug
Terminal blocks identical in contour
Screwdriver
Standard
Marking tags

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 3C 4 BK	20	2486640000
PS 2.0 MC	20	0310000000
A3C 4	32 A 50	2051240000
A3C 4 PE	50	2051410000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/6 PLUS MC NE WS	1000	1011320000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

For detailed information on other accessories and application in the online catalogue

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	41 °C	4,0 W / 6,3 A	31 °C	1,6 W / 6,3 A
In combination	32 °C	2,5 W / 6,3 A	34 °C	1,6 W / 6,3 A



VDS180 SV7.62

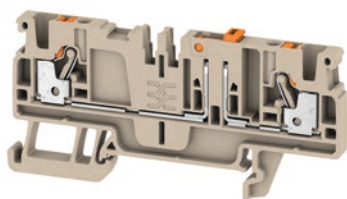


Type	Qty.	Order No.
VDS180 SV7.62	50	1853940000

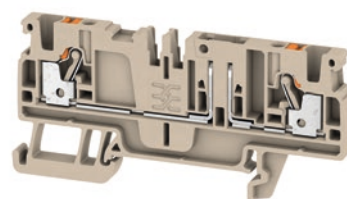
Spring connection with PUSH IN technology (A-Series)

Test-disconnect terminal blocks

ADT 2.5 2C

2.5 mm²

ADT 2.5 2C W/O DTLV

2.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 77.5 x 37.65	
20 / 2.5	
0.14...2.5	

5.1 x 77.5 x 36.5	
20 / 2.5	
0.14...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
6 kV / 3			
A3 / V-0			

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
6 kV / 3			
A3 / V-0			

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	dark beige
	Blue
	without isolator
Note	

Type	Qty.	Order No.
ADT 2.5 2C	50	1989800000
ADT 2.5 2C BL	50	1989810000
Note		

Type	Qty.	Order No.
ADT 2.5 2C W/O DTLV	50	1989930000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 4C 2.5		
AEP 4C 2.5	50	1521530000
AEP 4C 2.5 BL	50	1521640000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 4C 2.5		
AEP 4C 2.5	50	1521530000
AEP 4C 2.5 BL	50	1521640000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L		
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC		
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS		
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

For detailed information on other accessories and application in the online catalogue

A2C 2.5 /DT/FS

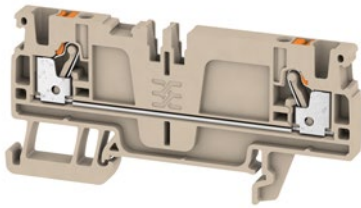
2.5 mm²

A2C 2.5 PE /DT/FS

2.5 mm²

ADT 2.5 3C

2.5 mm²



5.1 x 77.5 x 36.5
24 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



Rated connection

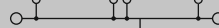
0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm



5.1 x 77.5 x 36.5
/ 2.5
0.14...2.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
	600	600	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			

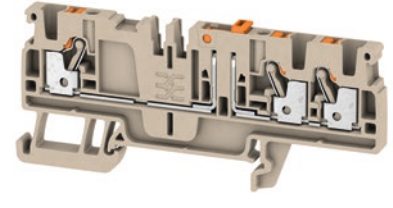


Rated connection

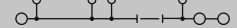
0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm



5.1 x 84.5 x 37.65
20 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
6 kV / 3			
A3 / V-0			



Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 2.5 /DT/FS	100	1989900000
A2C 2.5 /DT/FS BL	100	1989910000

Type	Qty.	Order No.
A2C 2.5 PE /DT/FS	50	1989890000

Type	Qty.	Order No.
ADT 2.5 3C	50	1989830000
ADT 2.5 3C BL	50	1989840000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 4C 2.5	50	1521530000
AEP 4C 2.5 BL	50	1521640000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
AEP 4C 2.5	50	1521530000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 3C	50	1989970000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

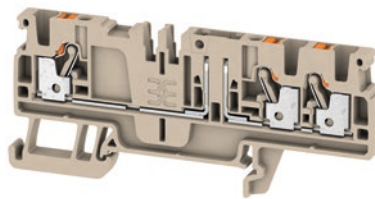


Spring connection with PUSH IN technology (A-Series)

Test-disconnect terminal blocks

ADT 2.5 3C W/O DTLV

2.5 mm²



ADT 2.5 4C

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 84.5 x 36.5	
20 / 2.5	
0.14...2.5	

5.1 x 96 x 37.65	
20 / 2.5	
0.14...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
	6 kV / 3		
	A3 / V-0		

CE

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
	6 kV / 3		
	A3 / V-0		

CE

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Ordering data

Version	
	dark beige
	Blue
	without isolator
Note	

Type	Qty.	Order No.
ADT 2.5 3C W/O DTLV	50	1989940000

Type	Qty.	Order No.
ADT 2.5 4C	50	1989860000
ADT 2.5 4C BL	50	1989870000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

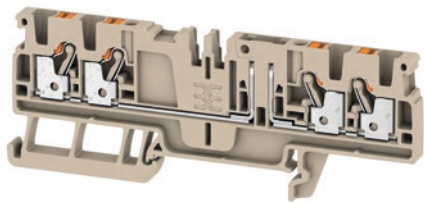
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 3C	50	1989970000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M/R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 4C	50	1989980000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M/R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

For detailed information on other accessories and application in the online catalogue

ADT 2.5 4C W/O DTLV

2.5 mm²



5.1 x 96 x 36.5
20 / 2.5
0.14...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	20	20	
2.5	AWG 28...12	AWG 28...12	
6 kV / 3			
A3 / V-0			

CE RoHS REACH

Rated connection

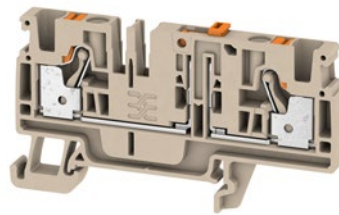
0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

ADT 4 2C

4 mm²



6.1 x 74 x 41
20 / 4
0.14...4



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
500	600	600	
24	20	20	
4	AWG 26...10	AWG 26...10	
4 kV / 3			
A4 / V-0			

CE RoHS REACH

Rated connection

0.5...4 / 0.5...4

0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ADT 2.5 4C W/O DTLV	50	1989950000

Type	Qty.	Order No.
ADT 4 2C	50	2429850000
ADT 4 2C BL	50	2429880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 4C	50	1989980000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 4C 4	20	2051900000
AEP 4C 4 BL	20	2051910000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MI-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Separate potentials simply and safely in confined spaces

Klippon® Connect test-disconnect terminal blocks

In marshalling cabinets of industrial control systems, signal lines from the field are often connected with terminal blocks. These are known as a robust, simple, and tidy connection option. However, their use requires sufficient current protection and a reliable disconnection circuit.

Our A2T 2.5 DT/DT test-disconnect terminal blocks enable a safe and simple electrical isolation in confined spaces. Two potentials can be operated with only one terminal block, resulting in space-savings of 50%. The multifunctional disconnect section can be converted into a fuse terminal or equipped with a component plug to enable the integration of electronic components.

Your special advantages:

- Separation of two different potentials on one terminal block
- Maximum safety due to colour-contrasted disconnect levers
- Multifunctional separation area for individual applications
- Integrated testing point on each connection point

Increased clarity and security

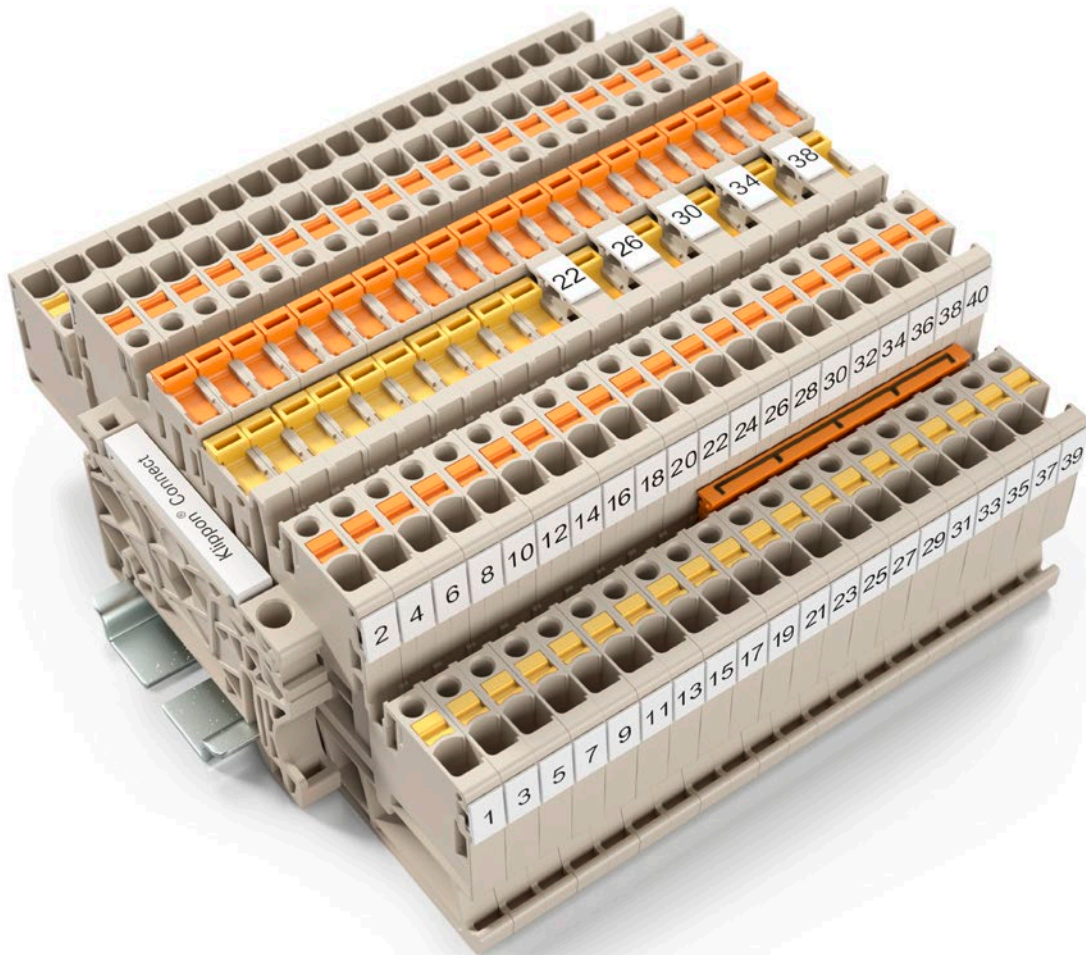
The two potentials are marked in different colours and assigned to the connection areas. This reduces the risk of misconnections and guarantees maximum safety.



Flexibil potential distribution

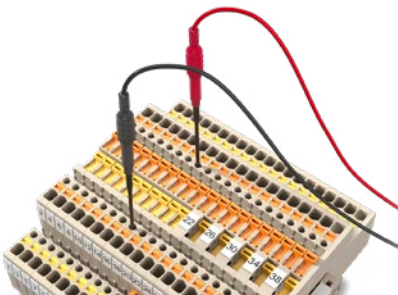
Cross-connection possibilities in front of and behind the connection point allow an easy and flexible potential distribution to other terminal blocks. The feed-through function of A2T 2.5 DT/FT is an additional option for the potential distribution.





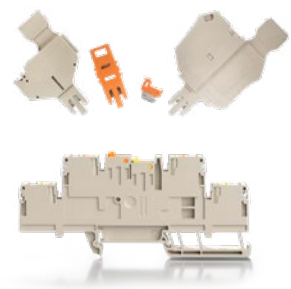
Time-saving in testing and revision

Easily accessible test facilities in front of and behind the connection point allow the system to be tested quickly and safely. A 2.0 standard test adapter can also be mounted on the screw heads in wired condition.



Individual application solutions

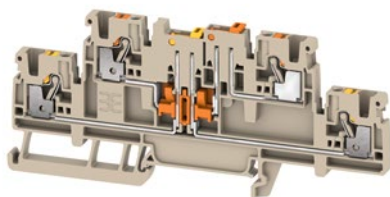
The multifunctional disconnection area allows either a fuse holder or a component plug to be accommodated. Depending on the application, it can be used as a fuse terminal or as a terminal block with electronic components.



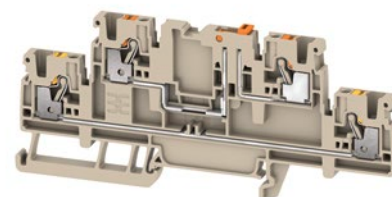
Spring connection with PUSH IN technology (A-Series)

Test-disconnect terminal blocks

A2T 2.5 DT/DT

2.5 mm²

A2T 2.5 DT/FT

2.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 115 x 50.5	
16 / 2.5	
0.14...2.5	

5.1 x 115 x 50.5	
16 / 2.5	
0.14...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
16			
2.5			
	/ 3		
	A3 / V-0		
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
16			
2.5			
	/ 3		
	A3 / V-0		
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2T 2.5 DT/DT	50	2744110000
A2T 2.5 DT/DT BL	50	2744120000

Type	Qty.	Order No.
A2T 2.5 DT/FT	50	2744130000
A2T 2.5 DT/FT BL	50	2744140000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Screwdriver	
	Standard
Marking tags	
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	orange
	removable, as replacement for release lever
Module connector (max. 250 V)	
	without fittings
	With 1N4007 diode
	with wire jumper
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 2T	20	2744150000
AEP DT 2.5 2T BL	20	2744160000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M-R	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
TNST	20 A 50	1833090000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000

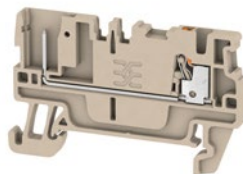
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP DT 2.5 2T	20	2744150000
AEP DT 2.5 2T BL	20	2744160000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M-R	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST OR	20 A 50	2463540000
TNST	20 A 50	1833090000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000



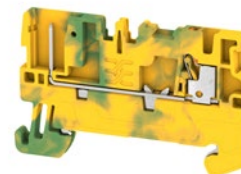
Spring connection with PUSH IN technology (A-Series)

Pluggable terminal blocks

APGTB 1.5 FT 2C/1

1.5 mm²

APGTB 1.5 PE 2C/1

1.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 55 x 33.5	
17.5 / 1.5	
0.14... 1.5	

3.5 x 55 x 33.5	
/ 1.5	
0.14... 1.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		



Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1	
8 / 0.4 x 2.0 mm	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	300	300	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		



Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1	
8 / 0.4 x 2.0 mm	

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
Note	

Type	Qty.	Order No.
APGTB 1.5 FT 2C/1	50	2482160000
APGTB 1.5 FT 2C/1 BL	50	2482170000

Type	Qty.	Order No.
APGTB 1.5 PE 2C/1	50	2482220000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	

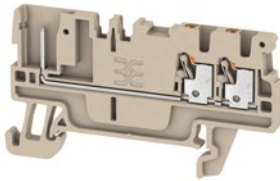
Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2C 1.5	50	1552600000
AEP 2C 1.5 BL	50	1552610000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2C 1.5	50	1552600000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

For detailed information on other accessories and application in the online catalogue

APGTB 1.5 FT 3C/1

1.5 mm²



3.5 x 62 x 33.5
17.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			



Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

APGTB 1.5 FT PE 3C/1

1.5 mm²



3.5 x 62 x 33.5
/ 1.5
0.14...1.5



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	300	300	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			



Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

APGTB 1.5 FT 4C/2

1.5 mm²



3.5 x 80 x 33.5
17.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			



Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 FT 3C/1	50	2482180000
APGTB 1.5 FT 3C/1 BL	50	2482190000

Type	Qty.	Order No.
APGTB 1.5 PE 3C/1	50	2482230000

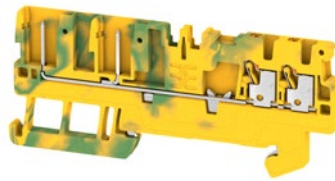
Type	Qty.	Order No.
APGTB 1.5 FT 4C/2	50	2482200000
APGTB 1.5 FT 4C/2 BL	50	2482210000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 3C 1.5	50	1552620000
AEP 3C 1.5 BL	50	1552630000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 3C 1.5	50	1552620000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP PGTB 1.5 4C/2	50	2482510000
AEP PGTB 1.5 4C/2 BL	50	2482520000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000







1.5 mm²



3.5 x 80 x 33.5
/ 1.5
0.14...1.5



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	300	300	
1.5	AWG 26...14	AWG 26...14	
	6 kV/3		
	A1/V-0		
     			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1			
8 / 0.4 x 2.0 mm			

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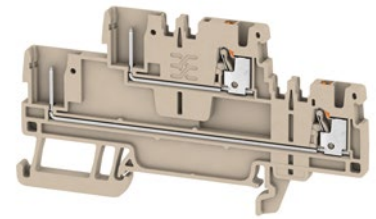
Version
dark beige
Blue
Green/yellow
Note

Type	Qty.	Order No.
APGTB 1.5 PE 4C/2	50	2482240000







Plug-in connection	2-pole 10-pole
End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Plug	
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60
ZQV 1.5N/10	17.5 A	20
AEP PGTB 1.5 4C/2	50	
AEB 35 SC/1	50	
AEB 35 SCL/1 V0	20	
APG 1.5/1	17.5 A	50
APG 1.5/10	17.5 A	20
APG 1.5 MI	17.5 A	50
APG 1.5 L	17.5 A	50
APG 1.5 R	17.5 A	50
SDS 0.4X2.0X60	1	
WS 10/3.5 PLUS MC NE WS	960	
DEK 5/3.5 MM WS	1000	
WS 8/3.5 MM WS	1000	
DEK 5/3.5 PLUS MC NE WS	1600	

1.5 mm²



In accordance with IEC 60947-7-1

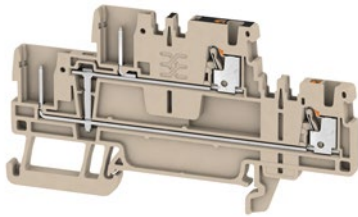
IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		
     			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1			
8 / 0.4 x 2.0 mm			

Type	Qty.	Order No.
APGTB 1.5 2T 4C/2	50	2485840000
APGTB 1.5 2T 4C/2 BL	50	2485850000

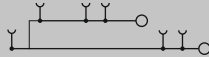
Type		Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
AEP 2T 1.5		20	2469420000
AEP 2T 1.5 BL		20	2471470000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 1.5/1	17.5 A	50	2482340000
APG 1.5/10	17.5 A	20	2482430000
APG 1.5 MI	17.5 A	50	2482280000
APG 1.5 L	17.5 A	50	2482250000
APG 1.5 R	17.5 A	50	2482310000
SDS 0.4X2.0X60		1	2749260000
WS 10/3.5 PLUS MC NE WS		960	2003760000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
DEK 5/3.5 PLUS MC NE WS		1600	2003750000

APGTB 1.5 2T VL 4C/2

1.5 mm²



3.5 x 84.5 x 45
17.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			



Rated connection

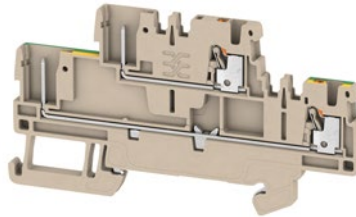
0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

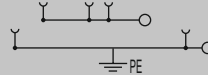
8 / 0.4 x 2.0 mm

APGTB 1.5 2T FT PE 4C/2

1.5 mm²



3.5 x 84.5 x 45
17.5 / 1.5
0.14...1.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			



Rated connection

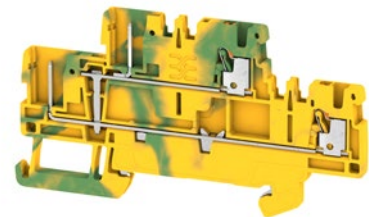
0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

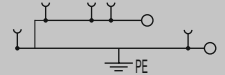
8 / 0.4 x 2.0 mm

APGTB 1.5 2T PE 4C/2

1.5 mm²



3.5 x 84.5 x 45
/ 1.5
0.14...1.5



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	300	300	
1.5	AWG 26...14	AWG 26...14	
6 kV / 3			
A1 / V-0			



Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
APGTB 1.5 2T VL 4C/2	50	2485920000
APGTB 1.5 2T VL 4C/2 BL	50	2485930000

Type	Qty.	Order No.
APGTB 1.5 2T FT-PE 4C/2	50	2485860000

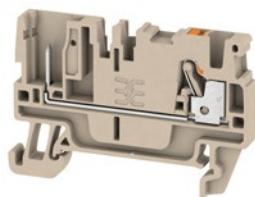
Type	Qty.	Order No.
APGTB 1.5 2T PE 4C/2	50	2485870000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2T 1.5	20	2469420000
AEP 2T 1.5 BL	20	2471470000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2T 1.5	20	2469420000
AEP 2T 1.5 BL	20	2471470000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2T 1.5	20	2469420000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 1.5/1	17.5 A 50	2482340000
APG 1.5/10	17.5 A 20	2482430000
APG 1.5 MI	17.5 A 50	2482280000
APG 1.5 L	17.5 A 50	2482250000
APG 1.5 R	17.5 A 50	2482310000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000


































2.5 mm²



5.1 x 55 x 36.5
24 / 2.5
0.14...2.5

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			

                                
Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Version
dark beige
Blue
Green/yellow
Note

Plug-in cross-connection	2-pole 10-pole
End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Plug	
Screwdriver	Standard
Marking tags	

2.5 mm²










5.1 x 54 x 36.5
/ 2.5
0.14...2.5



The diagram shows a horizontal line representing a cable with three vertical tick marks indicating conductors. The second conductor from the left is connected to a ground symbol labeled 'PE'. The third conductor ends in an open circle.

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		
      			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
APGTB 2.5 PE 2C/1	50	1513870000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2C 2.5		50	1514400000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 L	24 A	50	1513830000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

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APGTB 2.5 FT 3C/1

2.5 mm²



5.1 x 66.5 x 36.5
24 / 2.5
0.14...2.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



Rated connection

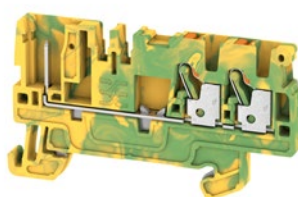
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 2.5 FT 3C/1	50	1514000000
APGTB 2.5 FT 3C/1 BL	50	1514020000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 3C 2.5	50	1521510000
AEP 3C 2.5 BL	50	1521520000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 L	24 A 50	1513830000
APG 2.5 R	24 A 50	1513940000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

APGTB 2.5 PE 3C/1

2.5 mm²



5.1 x 66.5 x 36.5
/ 2.5
0.14...2.5



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 2.5 PE 3C/1	50	1513890000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 3C 2.5	50	1521510000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 L	24 A 50	1513830000
APG 2.5 R	24 A 50	1513940000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

APGTB 2.5 FT 4C/2

2.5 mm²

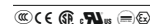


5.1 x 87 x 36.5
24 / 2.5
0.14...2.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



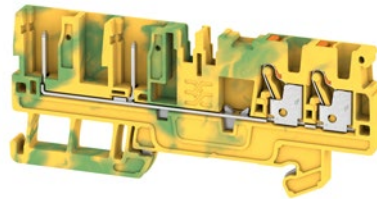
Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 2.5 FT 4C/2	50	1514030000
APGTB 2.5 FT 4C/2 BL	50	1514040000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP PGTB 2.5 4C/2	50	1514450000
AEP PGTB 2.5 4C/2 BL	50	1514470000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 L	24 A 50	1513830000
APG 2.5 R	24 A 50	1513940000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000






2.5 mm²



5.1 x 87 x 36.5
/2.5
0.14...2.5



In accordance with IEC 60947-7-2

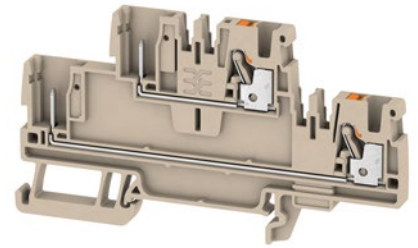
IEC	UL	CSA	EN 60079-7
800	600	600	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		
    			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Version	dark beige Blue Green/yellow
Note	

Type	Qty.	Order No.
APGTB 2.5 PE 4C/2	50	1513920000








Plug-in connection	2-pole 10-pole
End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Plug	
Screwdriver	Standard
Marking tags	

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP PGTB 2.5 4C/2		50	1514450000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 VO		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 L	24 A	50	1513830000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000

2.5 mm²

$5.1 \times 91 \times 50.5$
 $24 / 2.5$
 $0.14 \dots 2.5$

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		
      			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

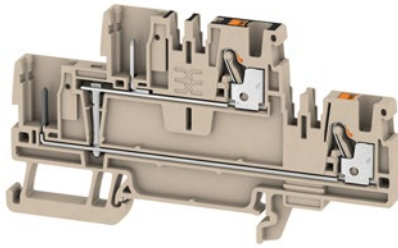
Type	Qty.	Order No.
APGTB 2.5 2T 4C/2	50	1548060000
APGTB 2.5 2T 4C/2 BL	50	1548070000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEP 2T 2.5 BL		20	1547700000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
APG 2.5/1	24 A	50	1513720000
APG 2.5/10	24 A	20	1513770000
APG 2.5 MI	24 A	50	1513880000
APG 2.5 L	24 A	50	1513830000
APG 2.5 R	24 A	50	1513940000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000

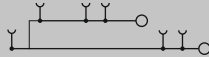
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APGTB 2.5 2T VL 4C/2

2.5 mm²



5.1 x 91 x 50.5
24 / 2.5
0.14...2.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



Rated connection

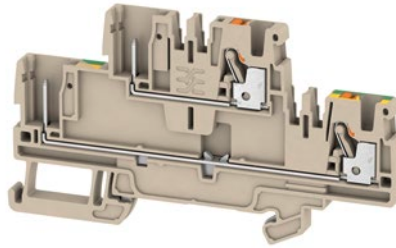
0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

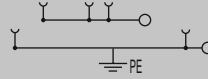
10 / 0.6 x 3.5 mm

APGTB 2.5 2T FT-PE 4C/2

2.5 mm²



5.1 x 91 x 50.5
24 / 2.5
0.14...2.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



Rated connection

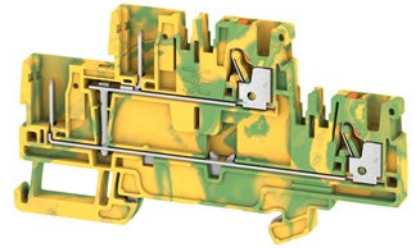
0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

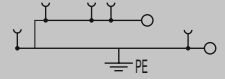
10 / 0.6 x 3.5 mm

APGTB 2.5 2T PE 4C/2

2.5 mm²



5.1 x 91 x 50.5
/ 2.5
0.14...2.5



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			



Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 2.5 2T VL 4C/2	50	1548140000
APGTB 2.5 2T VL 4C/2 BL	50	1548150000

Type	Qty.	Order No.
APGTB 2.5 2T FT-PE 4C/2	50	1548130000

Type	Qty.	Order No.
APGTB 2.5 2T PE 4C/2	50	1548160000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 L	24 A 50	1513830000
APG 2.5 R	24 A 50	1513940000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

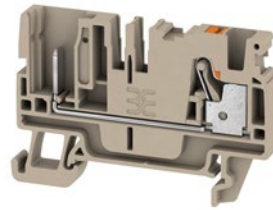
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEP 2T 2.5 BL	20	1547700000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 2.5/1	24 A 50	1513720000
APG 2.5/10	24 A 20	1513770000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 L	24 A 50	1513830000
APG 2.5 R	24 A 50	1513940000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 2.5/10	24 A 20	1513770000
APG 2.5 MI	24 A 50	1513880000
APG 2.5 L	24 A 50	1513830000
APG 2.5 R	24 A 50	1513940000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

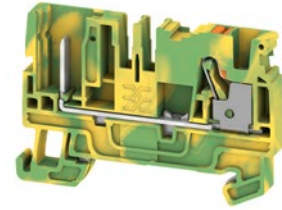
Spring connection with PUSH IN technology (A-Series)

Pluggable terminal blocks

APGTB 4 FT 2C/1

4 mm²

APGTB 4 PE 2C/1

4 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 59.5 x 39.5	
32 / 4	
0.14...4	

6.1 x 59.5 x 39.5	
/ 4	
0.14...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		
32	30		
4	AWG 26...10		
	8 kV / 3		
	A4 / V-0		
CE Marking			
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 / 0.6 x 3.5 mm			
Note			

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600		
4	AWG 26...10		
	8 kV / 3		
	A4 / V-0		
CE Marking			
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
Note	

Type	Qty.	Order No.
APGTB 4 FT 2C/1	100	2540050000
APGTB 4 FT 2C/1 BL	100	2540060000
Note		

Type	Qty.	Order No.
APGTB 4 PE 2C/1	50	2540110000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Plug	
Screwdriver	
	Standard
Marking tags	

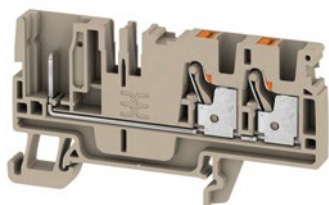
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2C 4		
AEP 2C 4	50	2051680000
AEP 2C 4 BL	50	2051690000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 4/1		
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS		
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2C 4		
AEP 2C 4	50	2051680000
AEP 2C 4 BL	50	2051690000
AEB 35 SC/1		
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 4/1		
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100		
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS		
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

For detailed information on other accessories and application in the online catalogue

APGTB 4 FT 3C/1

4 mm²



6.1 x 72 x 39.5
32 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		
32	30		
4	AWG 26...10		
	8 kV / 3		
	A4 / V-0		

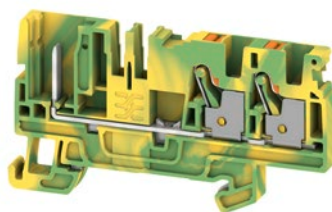
CE

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

APGTB 4 PE 3C/1

4 mm²



6.1 x 72 x 39.5
/ 4
0.14...4



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600		
32	30		
4	AWG 26...10		
	8 kV / 3		
	A4 / V-0		

CE

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

APGTB 4 FT 4C/2

4 mm²



6.1 x 98 x 39.5
32 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		
32	30		
4	AWG 26...10		
	8 kV / 3		
	A4 / V-0		

CE

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 FT 3C/1	50	2540070000
APGTB 4 FT 3C/1 BL	50	2540080000

Type	Qty.	Order No.
APGTB 4 PE 3C/1	50	2540170000

Type	Qty.	Order No.
APGTB 4 FT 4C/2	50	2540090000
APGTB 4 FT 4C/2 BL	50	2540100000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 3C 4	20	2051720000
AEP 3C 4 BL	20	2051880000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 3C 4	20	2051720000
AEP 3C 4 BL	20	2051880000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP PGTB 4 4C/2	20	2540210000
AEP PGTB 4 4C/2 BL	20	2540280000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

4 mm²



6.1 x 98 x 39.5
/4
0.14...4

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600		
4	AWG 26...10		
	8 kV / 3		
	A4 / V-0		
CENELEC			
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 / 0.6 x 3.5 mm			

Version	dark beige Blue Green/yellow
Note	

Plug-in cross-connection	2-pole 10-pole
End plate	dark beige Blue
End bracket	dark beige, screwable dark beige, direct mounting
Plug	
Screwdriver	Standard
Marking tags	

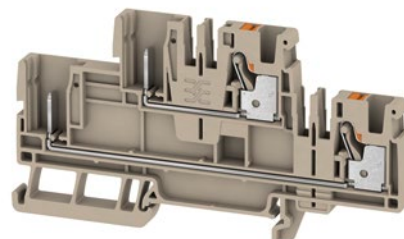
Screwdriver

Standard

Marking tags



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4 mm²



6.1 x 100 x 53.5
32 / 4
0.14...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		
32	30		
4	AWG 26...10		
	8 kV / 3		
	A4 / V-0		
 			
Rated connection			
0.5...4 / 0.5...4			
0.5...4 / 0.5...4			
12 / 0.6 x 3.5 mm			

114

Type	Qty.	Order No.
APGTB 4 2T 4C/2	50	2540230000
APGTB 4 2T 4C/2 BL	50	2540250000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
AEP 2T 4		20	2540000000
AEP 2T 4 BL		20	2540010000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 VO		20	2661280000
APG 4/1	32 A	50	2540460000
APG 4/10	32 A	20	2540550000
APG 4 MI	32 A	50	2540580000
APG 4 L	32 A	50	2540360000
APG 4 R	32 A	50	2540610000
SDIL 0,6X3,5X100		1	2749140000
WS 10/6 M PLUS MC NE WS		600	2003780000
DEK 5/6 MM WS		600	2007120000
WS 8/6 MM WS		600	2007160000
DEK 5/6 PLUS MC NE WS		1000	1011320000

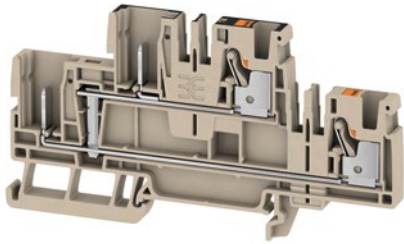
113

1 27

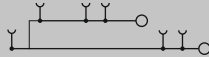
11 of 11

APGTB 4 2T VL 4C/2

4 mm²



6.1 x 100 x 53.5
32 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		
32	30		
4	AWG 26...10		
	8 kV / 3		
	A4 / V-0		

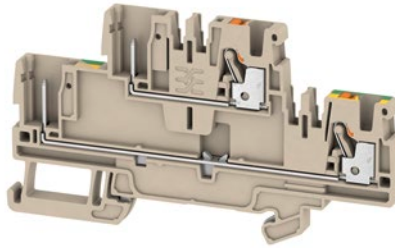
CE

Rated connection

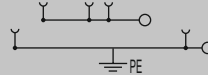
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

APGTB 4 2T FT-PE 4C/2

4 mm²



6.1 x 100 x 53.5
32 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		
32	30		
4	AWG 26...10		
	8 kV / 3		
	A4 / V-0		

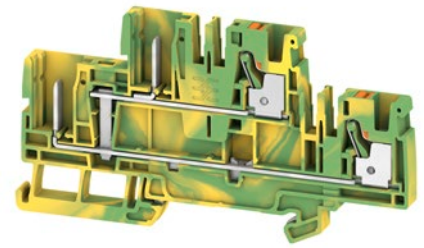
CE

Rated connection

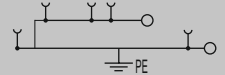
0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

APGTB 4 2T PE 4C/2

4 mm²



6.1 x 100 x 53.5
/ 4
0.14...4



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
800	600		
4	AWG 26...10		
	8 kV / 3		
	A4 / V-0		

CE

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
APGTB 4 2T VL 4C/2	50	2540260000
APGTB 4 2T VL 4C/2 BL	50	2540270000

Type	Qty.	Order No.
APGTB 4 2T FT-PE 4C/2	50	2540290000

Type	Qty.	Order No.
APGTB 4 2T PE 4C/2	50	2540300000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
AEP 2T 4	20	2540000000
AEP 2T 4 BL	20	2540010000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
APG 4/1	32 A 50	2540460000
APG 4/10	32 A 20	2540550000
APG 4 MI	32 A 50	2540580000
APG 4 L	32 A 50	2540360000
APG 4 R	32 A 50	2540610000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Spring connection with PUSH IN technology (A-Series) Pluggable terminal blocks

APG 1.5...

1.5 mm²



APG 2.5...

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 14 x 31.15
17.5 / 1.5
0.14...1.5

5.1 x 16.5 x 42.5
24 / 2.5
0.14...2.5

Technical data

Rated data	
Rated voltage	-
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
A1 / V-0			
Rated connection		Plug-in connection	
0.5...1.5 1.5			
0.5...1.5 / 0.5...1			
10 / 0.4 x 2.0 mm			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			
Rated connection		Plug-in connection	
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Ordering data

Version	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
3-pole/BG-BL-GN	
4-pole/3BG-GN	
5-pole/3BG-BL-GN	

Note

Type	Qty.	Order No.
APG 1.5/1	50	2482340000
APG 1.5/2	25	2482350000
APG 1.5/3	25	2482360000
APG 1.5/4	25	2482370000
APG 1.5/5	25	2482380000
APG 1.5/6	25	2482390000
APG 1.5/7	25	2482400000
APG 1.5/8	20	2482410000
APG 1.5/9	20	2482420000
APG 1.5/10	20	2482430000
APG 1.5/3-BG-BL-GN	25	2482460000
APG 1.5/4-3BG-GN	25	2482450000
APG 1.5/5-3BG-BL-GN	25	2482440000

Type	Qty.	Order No.
APG 2.5/1	50	1513720000
APG 2.5/2	25	1513640000
APG 2.5/3	25	1513650000
APG 2.5/4	25	1513670000
APG 2.5/5	25	1513680000
APG 2.5/6	25	1513690000
APG 2.5/7	25	1513700000
APG 2.5/8	20	1513730000
APG 2.5/9	20	1513740000
APG 2.5/10	20	1513770000
APG 2.5/3-BG-BL-GN	25	1513820000
APG 2.5/4-3BG-GN	25	1513790000
APG 2.5/5-3BG-BL-GN	25	1513780000

Accessories

End plate	
	dark beige
Coding	
Cover	
Interlock	
Strain relief	
Marking tags	

Type	Qty.	Order No.
MCV APG 1.5	50	2485980000
APGCE	50	1514490000
APGPC 1.5	50	2482530000
APGLE 1.5	25	2482720000
APGSR 1.5	25	2482730000
APGSR 1.5 - 4P	25	2482740000
APGSR 1.5 - 8P	25	2482750000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
MCV APG 2.5	50	2035590000
APGCE	50	1514490000
APGPC 2.5	50	1514500000
APGLE 2.5/4	25	2457570000
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 10/5 M MC NE WS	720	1792000000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

APG 4...

4 mm²



6.1 x 19 x 50.95
32 / 4
0.14...4

In accordance with IEC 60947-7-1

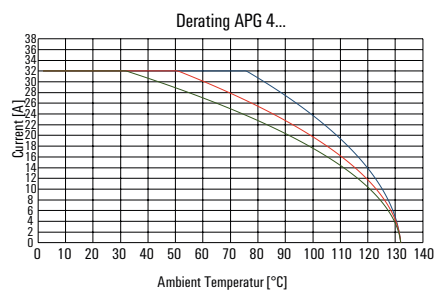
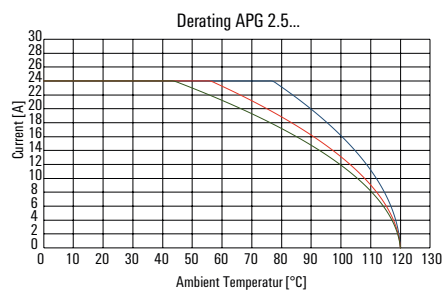
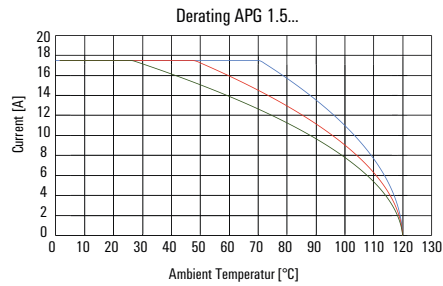
IEC	UL	CSA	EN 60079-7
690	600		
32	30		
4	AWG 26...10		
	8 kV / 3		
	A4 / V-0		



Rated connection	Plug-in connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...4	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
APG 4/1	50	2540460000
APG 4/2	25	2540470000
APG 4/3	25	2540480000
APG 4/4	25	2540490000
APG 4/5	25	2540500000
APG 4/6	25	2540510000
APG 4/7	25	2540520000
APG 4/8	20	2540530000
APG 4/9	20	2540540000
APG 4/10	20	2540550000
APG 4/3-BG-BL-GN	25	2540450000
APG 4/4-3BG-GN	25	2540440000
APG 4/5-3BG-BL-GN	25	2540430000

Type	Qty.	Order No.
MCV APG 4	50	2540800000
APGCE	50	1514490000
APGPC 4	50	2540960000
APGLE 2.5/4	25	2457570000
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000
WS 10/6 M MC NE WS	600	1818400000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

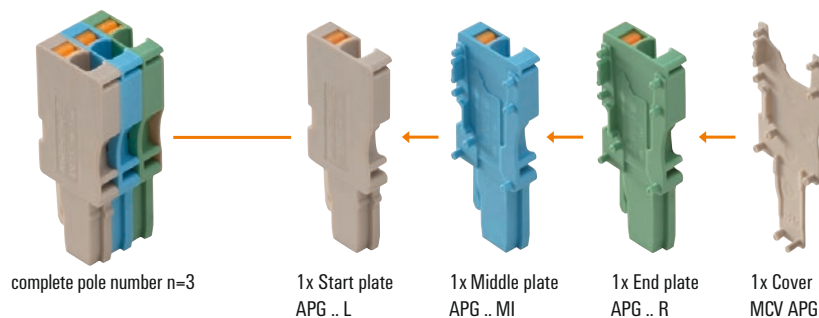




Spring connection with PUSH IN technology (A-Series) Pluggable terminal blocks – Accessories

Single plates for individual assembly

The individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on-site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).



Plug

- Single plates, plug APG 1.5 L
- Marking option

APG 1.5



Type	Qty.	Order No.
APG 1.5 L	50	2482250000
APG 1.5 L BL	50	2482260000
APG 1.5 L GN	50	2482270000
APG 1.5 MI	50	2482280000
APG 1.5 MI BL	50	2482290000
APG 1.5 MI GN	50	2482300000
APG 1.5 R	50	2482310000
APG 1.5 R BL	50	2482320000
APG 1.5 R GN	50	2482330000
MCV APG 1.5	50	2485980000

APG 2.5



Type	Qty.	Order No.
APG 2.5 L	50	1513830000
APG 2.5 L BL	50	1513840000
APG 2.5 L GN	50	1513850000
APG 2.5 MI	50	1513880000
APG 2.5 MI BL	50	1513900000
APG 2.5 MI GN	50	1513930000
APG 2.5 R	50	1513940000
APG 2.5 R BL	50	1513950000
APG 2.5 R GN	50	1513980000
MCV APG 2.5	50	2035590000

APG 4



Type	Qty.	Order No.
APG 4 L	50	2540360000
APG 4 L BL	50	2540560000
APG 4 L GN	50	2540570000
APG 4 MI	50	2540580000
APG 4 MI BL	50	2540590000
APG 4 MI GN	50	2540600000
APG 4 R	50	2540610000
APG 4 R BL	50	2540620000
APG 4 R GN	50	2540630000
MCV APG 4	50	2540800000

Strain relief

- APGSR Strain relief transmits mechanical forces to the plastic housing and protects the contact point

APGSR

Strain reliefs



Type	Qty.	Order No.
APGSR 1.5	25	2482730000
APGSR 1.5 - 4P	25	2482740000
APGSR 1.5 - 8P	25	2482750000
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000

Application



Ordering data
1.5 mm ²
1.5 mm ²
1.5 mm ²
2.5 mm ² / 4 mm ²
2.5 mm ² / 4 mm ²
2.5 mm ² / 4 mm ²
Note

Protective cover

- APGPC finger guard, also protects the contact point from dirt

Ordering data

1.5 mm²
2.5 mm²
4.0 mm²

Note

APGPC

Protective cover



Type	Qty.	Order No.
APGPC 1.5	50	2482530000
APGPC 2.5	50	1514500000
APGPC 4	50	2540960000

Application



Coding elements

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

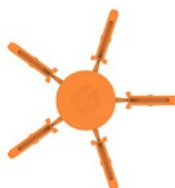
Ordering data

2.5 mm²

Note

APGCE

Coding elements



Type	Qty.	Order No.
APGCE	50	1514490000

Application



Locking elements

- APGLE to interlock with the terminal block
- APGLE interlock, plug – socket

Ordering data

1.5 mm²
2.5 mm² / 4 mm²

Note

APGLE

Locking element



Type	Qty.	Order No.
APGLE 1.5	25	2482720000
APGLE 2.5/4	25	2457570000

Application



PUSH IN terminal blocks with electronic components

Klippon® Connect A2T 2.5 EM

In industrial control panels, the smallest electronic components often have to be integrated to protect sensitive electronics, to connect components, to visualise operating states, and much more. Furthermore, maximum flexibility is required for the individual design of circuits.

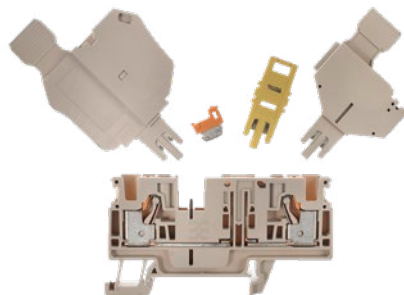
Our terminal blocks with integrated electronic components provide a space-saving way of integrating important functions into circuits. The standard portfolio includes terminals with integrated diodes, resistors, and LEDs. In addition, specific components can be selected and soldered into the terminal body. This allows Klippon® Connect terminals with PUSH IN technology to be used extremely flexibly for a wide range of switching tasks.

Your special advantages:

- Maximum flexibility due to designs with and without integrated electronic components
- Highest security for components against voltage peaks and overvoltage
- Individual application possibilities thanks to numerous contact points for the integration of customer-specific electronic components
- Thanks to the contour uniformity, a combination with standard double level terminal blocks is possible

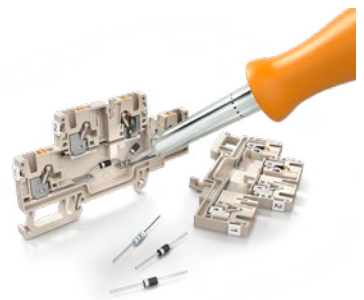
Alternative product solutions

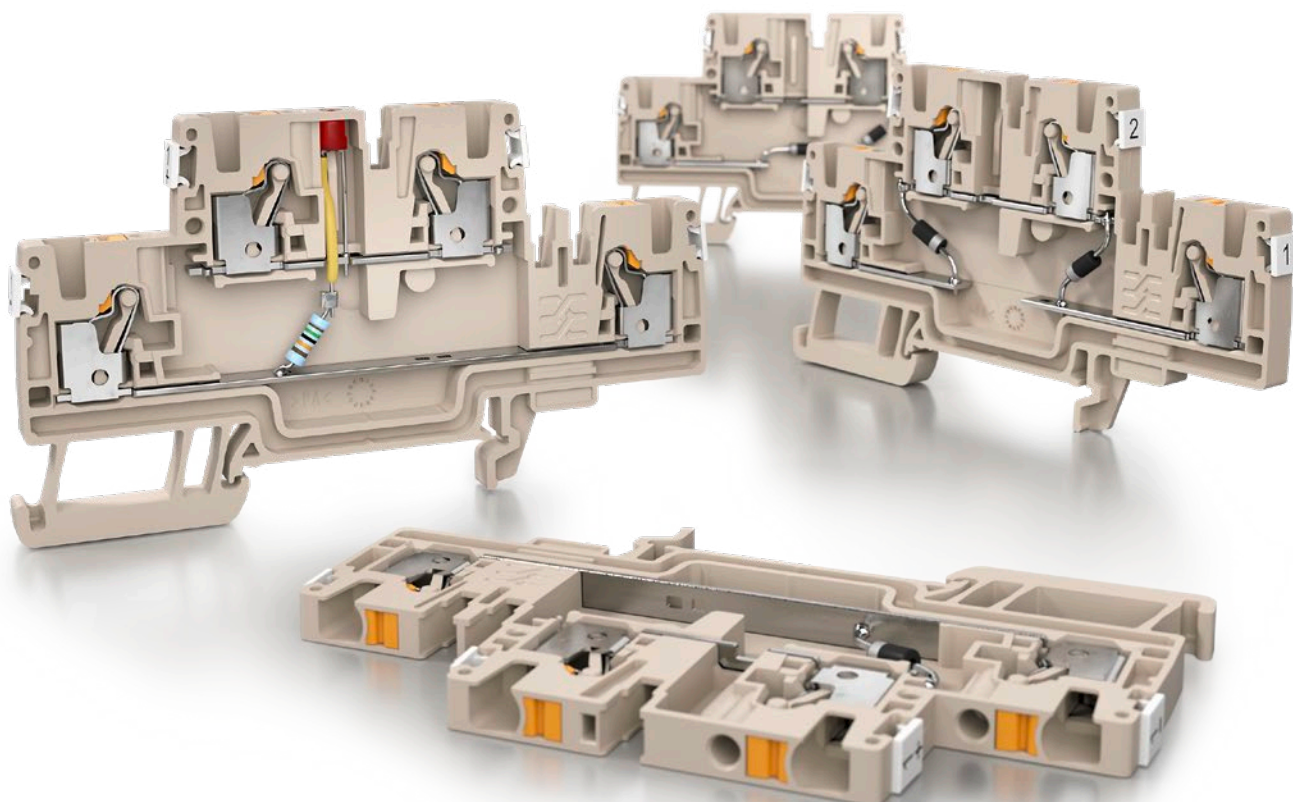
The multifunctional disconnection areas allow the insertion of fuse holders (SIHA) or component plugs (BEST). This allows test-disconnect terminals to be converted to fuse terminals or to terminal blocks with electronic components.



Individual application possibilities

Electronic components can be integrated into the different versions of the basic modular terminal block in accordance with the specific application. Numerous, easily accessible contact points allow the components to be soldered in.



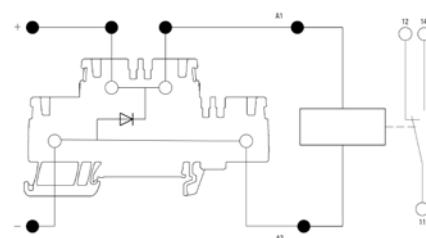


Flexible control cabinet integration

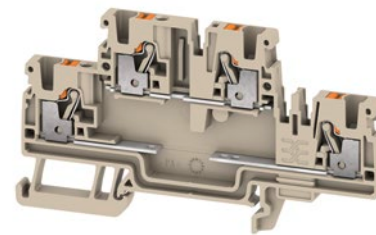
The design of the A2T 2.5 EM has the same contours as the standard double-level terminals of the A-series. Accessories such as the end plate can be adopted and potentials can be multiplied via the cross-connection channel.

Maximum protection of components

Integrated blocking diodes protect components against reverse currents or resistances. Voltage peaks or overvoltages can thus be effectively counteracted.




Terminal blocks with electronic components



5.1 x 90 x 50.5

24 / 2.5

0.14...2.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
10			
2.5			
/ 3			
A3 / V-0			

Rated connection
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

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Type	Qty.	Order No.
------	------	-----------

Type	Qty.	Order No.
A2T 2.5 EM2 D/O	50	2704360000

Type	Qty.	Order No.
------	------	-----------

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

AEP 2T 2.5	20	1547690000
------------	----	------------

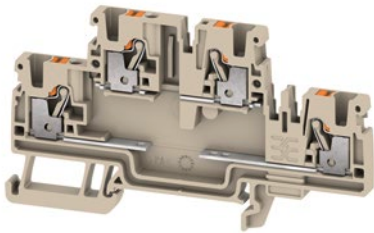
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000

PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000

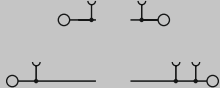
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

A2T 2.5 EM3 D/0

2.5 mm²



5.1 x 90 x 50.5
/ 2.5
0.14...2.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
2.5			
	/ 3		
	A3 / V-0		

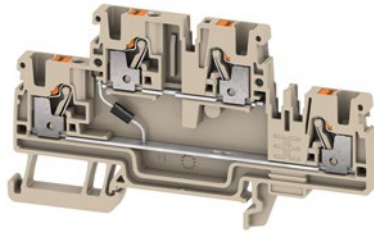
CE

Rated connection

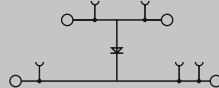
0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

A2T 2.5 EM1 D/1

2.5 mm²



5.1 x 90 x 50.5
1 / 2.5
0.14...2.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
1			
2.5			
	/ 3		
	A3 / V-0		
	1 N 4007 /		

CE

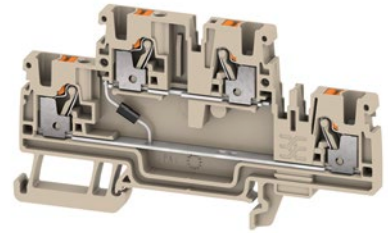
Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

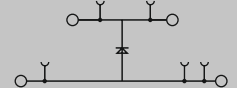
1N4007
1A
1300V
0.7V

A2T 2.5 EM1 D/2

2.5 mm²



5.1 x 90 x 50.5
1 / 2.5
0.14...2.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
1			
2.5			
	/ 3		
	A3 / V-0		
	1 N 4007 /		

CE

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
A2T 2.5 EM3 D/0	50	2704340000

Type	Qty.	Order No.
A2T 2.5 EM1 D/1	50	2704370000

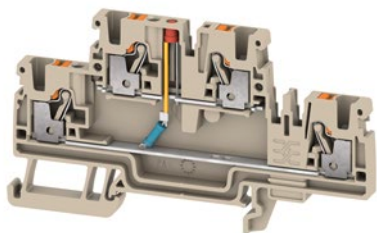
Type	Qty.	Order No.
A2T 2.5 EM1 D/2	50	2704380000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2T 2.5	20	1547690000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

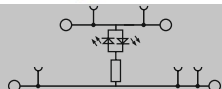
A2T 2.5 EM1 24VUC LED RD/1

2.5 mm²

5.1 x 90 x 50.5

10 / 2.5

0.14...2.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
2.5			
/ 3			
A3 / V-0			
LED red / Resistance 4.7 kΩ			

CE

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

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red

6V

24V

20mA

4.7kOhm

0.4W

1%

11/11/2016

Page 10 of 10

Type	Qty.	Order No.
A2T 2.5 EM1 24VUC LED RD/1	50	2704410000

Type		Qty.	Order No.
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
AEP 2T 2.5		20	1547690000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
WS 8/5 MM WS		800	2007150000
WS 10/5 M PLUS MC NE WS		600	2003770000
SNAPMARK I		50	1805880000

Simple and efficient marking of assembled mounting rails

Klippon® Automated RailLaser for efficient control cabinet construction

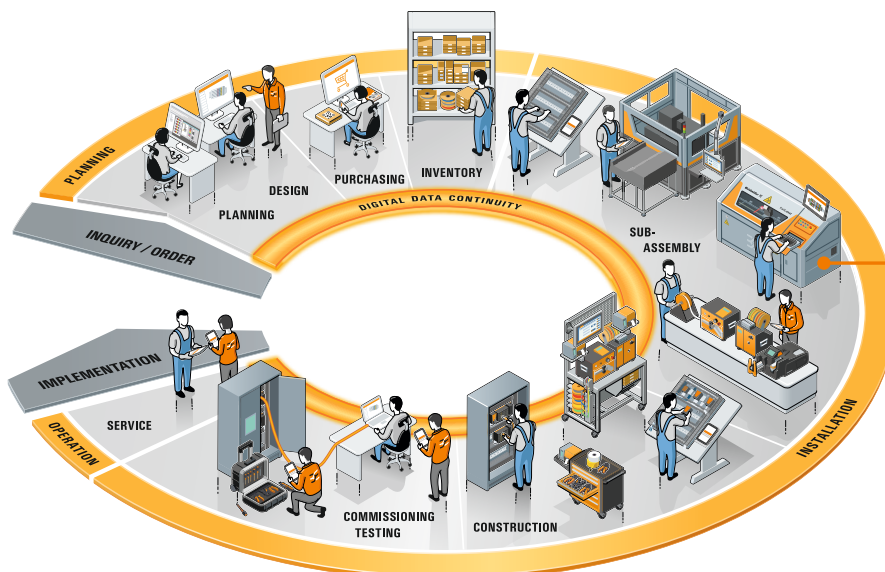
Value-added processes must be faster, more precise and more economical, especially in times of full order books and a growing lack of specialists. This particular applies to control cabinet construction. Digitalisation and automation are important factors for increasing efficiency.

In combination with the Weidmüller Configurator (WMC) software, the Klippon® Automated RailLaser enables fully automatic marking of pre-assembled terminal strips. The use of terminal blocks with markers already attached eliminates the need to separate, assign and mount individual markers. This allows time savings of up to 90 % in marking processes. The laser marking of the terminal strips also meets the highest demands on marking quality.

With Weidmüller, you have a powerful partner at your side who supports you with optimally coordinated solutions for your workshop in all phases. Based on many years of practical experience in all aspects of control cabinet construction, we offer you a comprehensive portfolio with which you can effectively accelerate your processes and increase your quality.

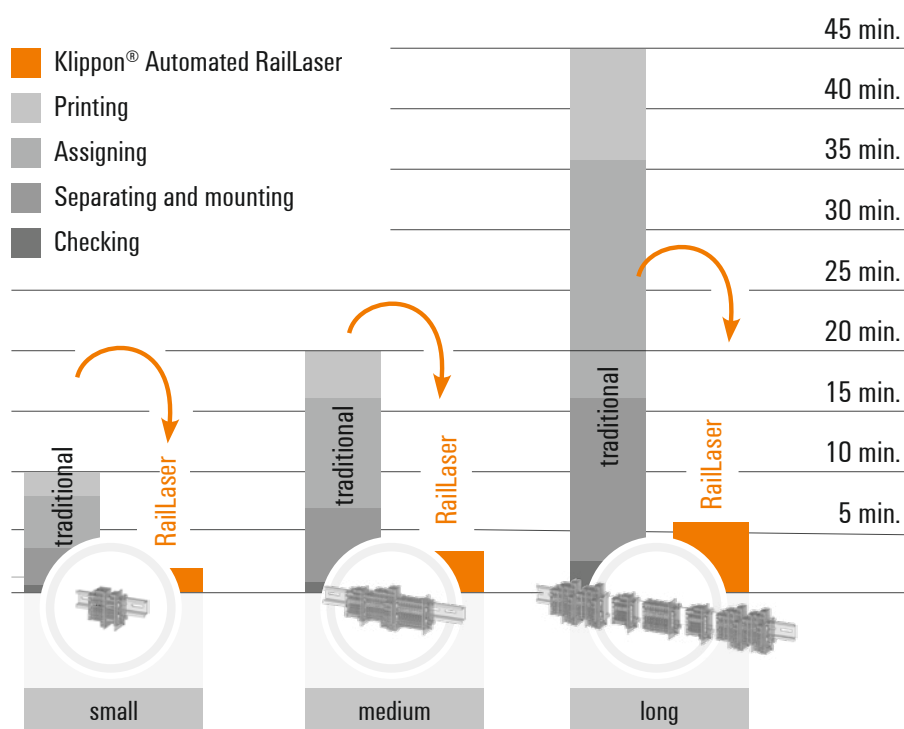
Your special advantages:

- Up to 90 % time saving in marking process
- Avoidance of incorrect markings due to the consistent use of data from eCAD programs when using the Weidmüller Configurator (WMC)
- Excellent marking quality and high-quality print image on a wide variety of materials



Time savings up to
90%

With the Klippon® Automated RailLaser, printing, assigning, separating, mounting and checking individual markers is a thing of the past.



Discover your optimisation potential now:
www.weidmueller.com/workplace



Gain a competitive edge with innovative technology

Our leading system for fully automatic terminal strip marking



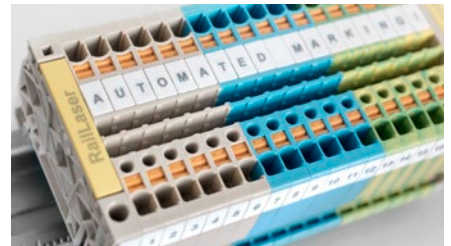
Robust marking

The Klippon® Automated RailLaser labels the markers directly. In this way, even the highest requirements for wipe and scratch resistance are met. The high-resolution quality ensures sharp contours and good legibility – even with the smallest markings.



Matching assortment

Based on Weidmüller's standard markers, the Klippon® Connect A-Series offers a suitably matched portfolio of pre-assembled markers. This enables the full saving potential of the Klippon® Automated RailLaser.



Universal labelling options

Due to the innovative laser technology, no special markers are required for the Klippon® Automated RailLaser. In addition to the pre-loaded white markers, the markers from Weidmüller's standard portfolio with their wide range of colors and materials can also be used.



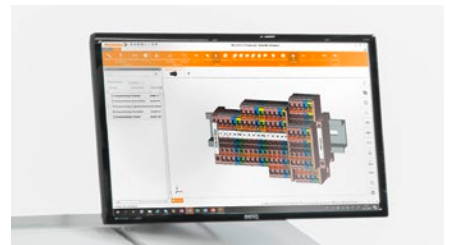
Highest performance

The innovative interaction of software, sensor technology and laser system ensures fast, high-precision marking results. Time savings of up to 90 % will take you to the next level of efficient marking.



Highest flexibility

Due to the universal mounting rail holder and the laser direct marking technology, it is possible to very precisely mark terminal blocks and other mounting rail components – even with complex geometries. TS35 mounting rails can be marked from 100 to 1,200 mm in length, from 7.5 to 15 mm in height, and with a total weight of up to 15 kilograms.



Reliable quality

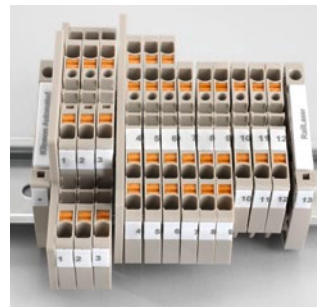
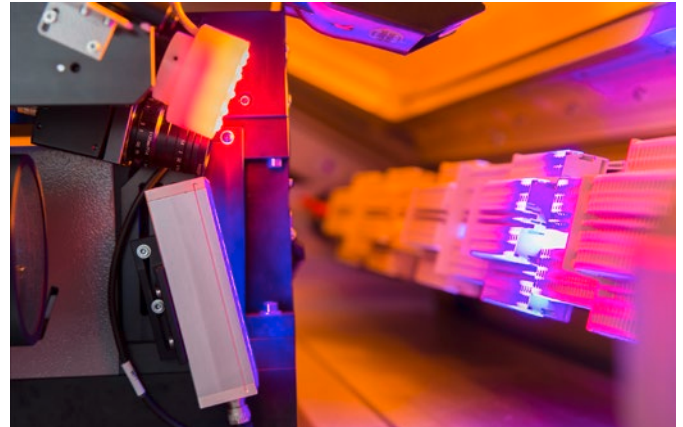
Due to the integration of the Weidmüller Configurator (WMC), planning data from eCAD programs can be used continuously. Error potentials are minimised because manual production steps and image processing in the machine are eliminated.

Highest precision and quality

Integrated image processing system for safe handling

The core of the Klippon® Automated RailLaser is an image processing system that is used to measure the terminal strips before the marking process. It determines the actual position of each marker, compares it with the theoretical position from the digital model and carries out the corresponding corrections fully automatically. This ensures a perfect marking result even in case of position deviations – e.g. because of thermal expansion of the components or inaccurate clamp position due to manual assembly.

The following illustrations show the advantage of labelling using the image processing system of the Klippon® Automated RailLaser: The system ensures first-class marking results in various applications and guarantees a high-quality appearance of the terminal strip in the finished control cabinet.



Marking result without image processing system



Marking result with image processing system

Technical data

Supply voltage
Dimensions (W × H × D)
Installation area (W × D)
Weight
Interfaces
Marker type
Software
Laser wavelength
Laser class according to EN60825-1
Operation door
Mounting rail adapter

400 V AC / 32 A
2.260 x 1.350 x 1.200 mm
3.860 x 2.000 mm
1.200 kg
USB, Ethernet, Suction
MultiCard on terminal block
Weidmüller Configurator WMC
355 nm
Class 1
Opening/closing motorised
100 - 1.200 mm

Ordering data

Type	Order No.
RAILLASER	2705010000

More technical details and further labelling systems can be found at catalog.weidmueller.com

Spring connection with PUSH IN technology (A-Series)
Terminal blocks with integrated markers

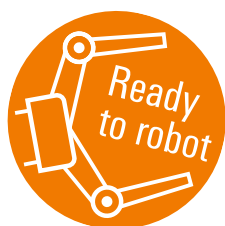
The perfect complement for our Klippon® Automated RailLaser

Klippon® Connect A-Series

In addition to the marking process, equipping the terminal blocks with markers is also very time-consuming.

That is why we already carried out this step for you. Use our Weidmüller standard markers, which are pre-equipped with Klippon® Connect A-Series terminal blocks. You benefit from the full optimisation potential of the Klippon® Automated RailLaser.

Our Klippon® Connect A-Series has been designed to be ready-to-robot. Special features such as the gripper-optimised outer contours ensure safe handling with a robot.



Markers can be easily replaced



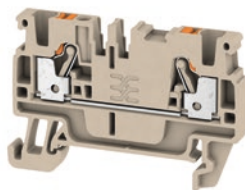
In addition, customers can also mount the markers themselves



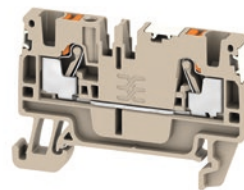
Spring connection with PUSH IN technology (A-Series)

Terminal blocks with integrated markers

A2C 2.5

2.5 mm²

A2C 2.5 DL

2.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 55 x 36.5	
24 / 2.5	
0.14...2.5	

5.1 x 55 x 36.5	
24 / 2.5	
0.14...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
8 kV / 3			
A3 / V-0			

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
8 kV / 3			
A3 / V-0			

Rated connection	
0.5...2.5 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
A2C 2.5	100	1521850000
A2C 2.5 BL	100	1521880000

Type	Qty.	Order No.
A2C 2.5 DL	100	2674690000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2C 2.5	50	1514400000
AEP 2C 2.5 BL	50	1514420000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
AEP 2C 2.5	50	1514400000
AEP 2C 2.5 BL	50	1514420000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000

For detailed information on other accessories and application in the online catalogue

Feed-through terminal blocks

Type	Qty.	Order No.
A2C 1.5 DL	100	2674590000
A2C 1.5 DL BL	100	2674600000
A2C 1.5 PE DL	50	2674610000
A3C 1.5 DL	50	2674600000
A3C 1.5 DL BL	50	2674640000
A3C 1.5 PE DL	50	2674650000
A4C 1.5 DL	100	2674660000
A4C 1.5 DL BL	100	2674670000
A4C 1.5 PE DL	50	2674680000
A2C 2.5 DL	100	2674690000
A2C 2.5 DL BL	100	2674700000
A2C 2.5 PE DL	50	2674710000
A3C 2.5 DL	100	2674720000
A3C 2.5 DL BL	100	2674730000
A3C 2.5 PE DL	50	2674740000
A4C 2.5 DL	100	2674750000
A4C 2.5 DL BL	100	2674760000
A4C 2.5 PE DL	50	2674770000
A2C 4 DL	50	2674780000
A2C 4 DL BL	50	2674790000
A2C 4 PE DL	50	2674800000
A3C 4 DL	50	2674810000
A3C 4 DL BL	50	2674820000
A3C 4 PE DL	50	2674830000
A4C 4 DL	50	2674840000
A4C 4 DL BL	50	2674850000
A4C 4 PE DL	50	2674860000
A2C 6 DL	50	2674870000
A2C 6 DL BL	50	2674880000
A2C 6 PE DL	50	2674890000
A3C 6 DL	50	2674900000
A3C 6 DL BL	50	2674920000
A3C 6 PE DL	50	2674930000
A2C 10 DL	25	2674940000
A2C 10 DL BL	25	2674950000
A2C 10 PE DL	25	2674960000
A3C 10 DL	25	2674970000
A3C 10 DL BL	25	2674980000
A3C 10 PE DL	25	2674990000
A2C 16 DL	20	2675000000
A2C 16 DL BL	20	2675010000
A2C 16 PE DL	20	2675020000
A3C 16 DL	20	2675030000
A3C 16 DL BL	20	2675040000
A3C 16 PE DL	20	2675050000
A2C 35 DL	5	2742060000
A2C 35 FE DL	5	2742070000
A2C 35 PE DL	5	2735950000
A2C 50/70 DL	5	2742090000
A2C 50/70 FE DL	5	2742100000
A2C 50/70 PE DL	5	2742110000
A2C 95/120 DL	5	2742120000
A2C 95/120 FE DL	5	2742130000
A2C 95/120 PE DL	5	2742140000
A2T 1.5 DL	50	2675060000
A2T 1.5 DL BL	50	2675070000
A2T 1.5 FT-PE DL	50	2675080000
A2T 1.5 VL DL	50	2675090000
A2T 1.5 PE DL	50	2675100000
A2T 2.5 DL	50	2675110000
A2T 2.5 DL BL	50	2675120000
A2T 2.5 FT-PE DL	50	2675130000
A2T 2.5 VL DL	50	2675140000
A2T 2.5 PE DL	50	2675150000
A2T 4 DL	50	2675160000
A2T 4 DL BL	50	2675170000
A2T 4 FT-PE DL	50	2675180000
A2T 4 VL DL	50	2675190000
A2T 4 PE DL	50	2675200000
AMC 2.5 800V DL	50	2742050000
AMC 2.5 DL	50	2742040000
Available on request		

Pluggable terminal blocks

Type	Qty.	Order No.
APGTB 1.5 FT 2C/1 DL	50	2675680000
APGTB 1.5 FT 2C/1 DL BL	50	2675690000
APGTB 1.5 PE 2C/1 DL	50	2675700000
APGTB 1.5 FT 3C/1 DL	50	2675710000
APGTB 1.5 FT 3C/1 DL BL	50	2675720000
APGTB 1.5 PE 3C/1 DL	50	2675730000
APGTB 1.5 FT 4C/2 DL	50	2675740000
APGTB 1.5 FT 4C/2 DL BL	50	2675750000
APGTB 1.5 PE 4C/2 DL	50	2675760000
APGTB 2.5 FT 2C/1 DL	100	2675820000
APGTB 2.5 FT 2C/1 DL BL	100	2675830000
APGTB 2.5 PE 2C/1 DL	50	2675840000
APGTB 2.5 FT 3C/1 DL	50	2675850000
APGTB 2.5 FT 3C/1 DL BL	50	2675860000
APGTB 2.5 PE 3C/1 DL	50	2675870000
APGTB 2.5 FT 4C/2 DL	50	2675880000
APGTB 2.5 FT 4C/2 DL BL	50	2675890000
APGTB 2.5 PE 4C/2 DL	50	2675900000
APGTB 4 FT 2C/1 DL	100	2675960000
APGTB 4 FT 2C/1 DL BL	100	2675970000
APGTB 4 PE 2C/1 DL	50	2675980000
APGTB 4 FT 3C/1 DL	50	2675990000
APGTB 4 FT 3C/1 DL BL	50	2676000000
APGTB 4 PE 3C/1 DL	50	2676010000
APGTB 4 FT 4C/2 DL	50	2676020000
APGTB 4 FT 4C/2 DL BL	50	2676030000
APGTB 4 PE 4C/2 DL	50	2676040000
APGTB 1.5 2T 4C/2 DL	50	2675770000
APGTB 1.5 2T 4C/2 DL BL	50	2675780000
APGTB 1.5 2T FT-PE 4C/2 DL	50	2675790000
APGTB 1.5 2T VL 4C/2 DL	50	2675810000
APGTB 1.5 2T PE 4C/2 DL	50	2675800000
APGTB 2.5 2T 4C/2 DL	50	2675910000
APGTB 2.5 2T 4C/2 DL BL	50	2675920000
APGTB 2.5 2T FT-PE 4C/2 DL	50	2675930000
APGTB 2.5 2T VL 4C/2 DL	50	2675950000
APGTB 2.5 2T PE 4C/2 DL	50	2675940000
APGTB 4 2T 4C/2 DL	50	2676050000
APGTB 4 2T 4C/2 DL BL	50	2676060000
APGTB 4 2T FT-PE 4C/2 DL	50	2676070000
APGTB 4 2T VL 4C/2 DL	50	2676090000
APGTB 4 2T PE 4C/2 DL	50	2676080000
Available on request		

Disconnect and fuse

Type	Qty.	Order No.
ADT 2.5 2C DL	50	2675210000
ADT 2.5 2C DL BL	50	2675220000
ADT 2.5 4C DL	50	2675230000
ADT 4 2C DL	50	2675240000
AFS 4 2C DL BK	50	2675250000
AFS 4 2C 10-36V DL BK	50	2675260000
AFS 4 2C 100-250V DL BK	50	2675290000
AFS 4 2C 30-70V DL BK	50	2675270000
AFS 4 2C 60-150V DL BK	50	2675280000
Available on request		

Signal wiring

Type	Qty.	Order No.
AIO21 1.5 SI DL	100	2675580000
AIO21 1.5 SI DL OR	100	2675630000
AIO21 1.5 SO DL	100	2675590000
AIO21 1.5 SO DL OR	100	2675640000
AIO21 1.5 SO-PE DL	100	2675600000
AIO21 1.5 SO-PE DL OR	100	2675650000
AIO22 1.5 SI-PE DL	100	2675610000
AIO22 1.5 SI-PE DL OR	100	2675660000
AIO23 1.5 2SI DL	100	2675620000
AIO23 1.5 2SI DL OR	100	2675670000
Available on request		

Control voltage distribution

Type	Qty.	Order No.
AAP11 6 LO DL RD	20	2675300000
AAP11 6 LO DL BL	20	2675320000
AAP11 6 LO DL OR	20	2675310000
AAP11 6 LO DL BL/OR	20	2675330000
AAP11 6/1.5 LO-LI DL RD	20	2675390000
AAP11 6/1.5 LO-LI DL BL	20	2675380000
AAP11 6/1.5 LO-LI DL OR	20	2675400000
AAP11 6/1.5 LO-LI DL BL/OR	20	2675410000
AAP11 1.5 LI DL RD	50	2675340000
AAP11 1.5 LI DL BL	50	2675360000
AAP11 1.5 LI DL OR	50	2675350000
AAP11 1.5 LI DL BL/OR	50	2675370000
AAP12 10 LO DL RD	20	2675420000
AAP12 10 LO DL BL	20	2675440000
AAP12 10 LO DL OR	20	2675430000
AAP12 10 LO DL BL/OR	20	2675450000
AAP12 10/2.5 LO-LI DL RD	20	2675500000
AAP12 10/2.5 LO-LI DL BL	20	2675530000
AAP12 10/2.5 LO-LI DL OR	20	2675510000
AAP12 10/2.5 LO-LI DL BL/OR	20	2675520000
AAP12 2.5 LI DL RD	50	2675460000
AAP12 2.5 LI DL BL	50	2675490000
AAP12 2.5 LI DL OR	50	2675470000
AAP12 2.5 LI DL BL/OR	50	2675480000
AAP13 6 LO-L0 DL	20	2675540000
AAP13 1.5 LI-LI DL	50	2675550000
AAP14 10 LO-L0 DL	20	2675560000
AAP14 2.5 LI-LI DL	50	2675570000
Available on request		







Pluggable Cross-Connection ZQV



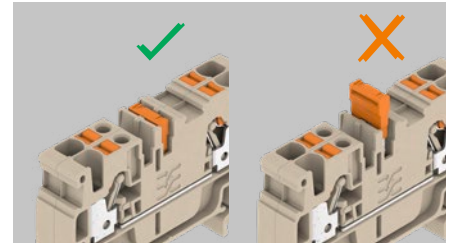
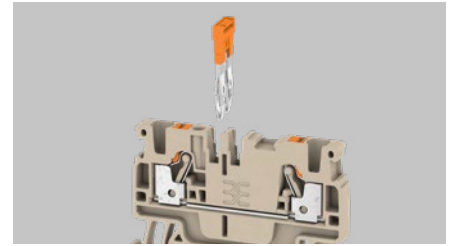
Weidmüller offers plug-in and screwed cross-connection systems for screw-connection terminal blocks. The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions. This also ensures that all poles always contact reliably.

Fitting and changing crossconnections

The fitting and changing of cross-connections is a trouble-free and fast operation:

- Insert the cross-connection into the crossconnection channel in the terminal...

... and press it fully home.
(The cross-connection may not project from the channel.)

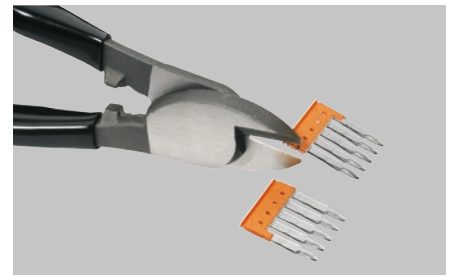


- Remove a cross-connection by simply prising it out with a screwdriver.



Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000). However, three contact elements must always be retained.



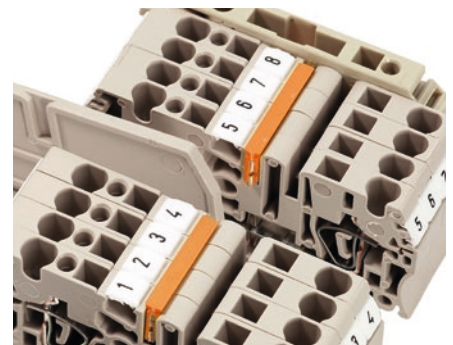
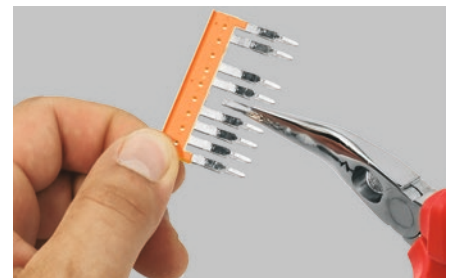
Breaking out contact elements

If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.

Caution:

Contact elements must not be deformed!

Note: By using manually cut ZQV and cross-connections with blank cut edges (> 10 poles) the voltage reduces to 25 V.



ALO 6 and ALO 16 supply terminals

The ALO 6 and ALO 16 supply terminals can be fed by wires of cross-section 6 or 16 mm². Over standard cross-connections the potential is distributed over any number of terminals blocks of smaller cross-section. Some variants for potential distribution during feed-in are indicated in the table below, including the cross-connection which can be used and the maximum current allowed.

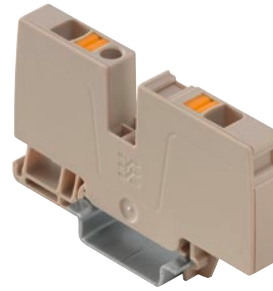
Output options and cross-connectors to use

Supply terminal	Output terminal	Cross-connection	Feed-in left	Feed-in right
ALO 6	A2C 1.5	ZQV 1.5N	•	•
	A3C 1.5	ZQV 1.5N	•	•
	A4C 1.5	ZQV 1.5N	•	•
	A2C 2.5	ZQV 2.5N	•	•
	A3C 2.5	ZQV 2.5N	•	•
	A4C 2.5	ZQV 2.5N	•	•

Output options and cross-connectors to use

Supply terminal	Output terminal	Cross-connection	Feed-in left	Feed-in right
ALO 16	A2C 1.5	ZQV 1.5N	•	•
	A3C 1.5	ZQV 1.5N	•	•
	A4C 1.5	ZQV 1.5N	•	•
	A2C 2.5	ZQV 2.5N	•	•
	A3C 2.5	ZQV 2.5N	•	•
	A4C 2.5	ZQV 2.5N	•	•
	A2C 4	ZQV 4N	•	•
	A3C 4	ZQV 4N	•	•
	A4C 4	ZQV 4N	•	•
	A2C 6	ZQV 6N	•	•
	A3C 6	ZQV 6N	•	•

Integrated into separation plate



Maximum current flow I_{max} only with ALO 6

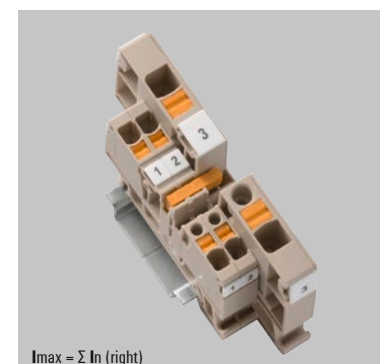
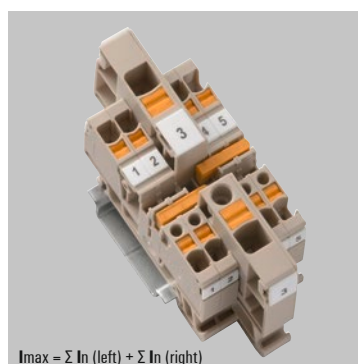
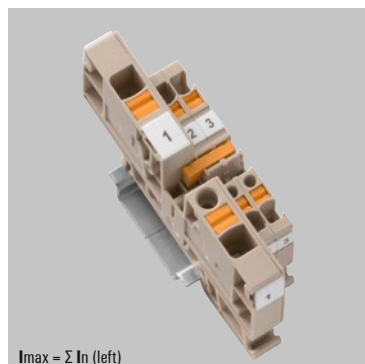
Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	6 mm ²	41 A	41 A
A3C 1.5	ZQV 1.5N	6 mm ²	41 A	41 A
A4C 1.5	ZQV 1.5N	6 mm ²	41 A	41 A
A2C 2.5	ZQV 2.5N	6 mm ²	41 A	41 A
A3C 2.5	ZQV 2.5N	6 mm ²	41 A	41 A
A4C 2.5	ZQV 2.5N	6 mm ²	41 A	41 A

Maximum current flow I_{max} only with ALO 16

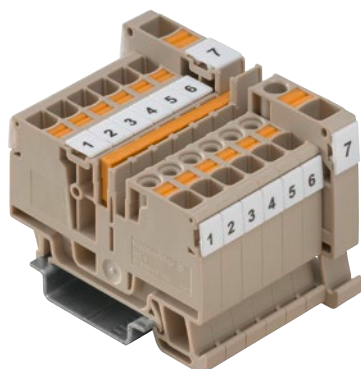
Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	16 mm ²	48 A	72 A
A3C 1.5	ZQV 1.5N	16 mm ²	48 A	72 A
A4C 1.5	ZQV 1.5N	16 mm ²	48 A	72 A
A2C 2.5	ZQV 2.5N	16 mm ²	68 A	76 A
A3C 2.5	ZQV 2.5N	16 mm ²	68 A	76 A
A4C 2.5	ZQV 2.5N	16 mm ²	68 A	76 A
A2C 4	ZQV 4N	16 mm ²	76 A	76 A
A3C 4	ZQV 4N	16 mm ²	76 A	76 A
A4C 4	ZQV 4N	16 mm ²	76 A	76 A
A2C 6	ZQV 6N	16 mm ²	76 A	76 A
A3C 6	ZQV 6N	16 mm ²	76 A	76 A

Maximum current flow I_{max} only with ALO 16

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	10 mm ²	48 A	72 A
A3C 1.5	ZQV 1.5N	10 mm ²	48 A	72 A
A4C 1.5	ZQV 1.5N	10 mm ²	48 A	72 A
A2C 2.5	ZQV 2.5N	10 mm ²	68 A	76 A
A3C 2.5	ZQV 2.5N	10 mm ²	68 A	76 A
A4C 2.5	ZQV 2.5N	10 mm ²	68 A	76 A
A2C 4	ZQV 4N	10 mm ²	76 A	76 A
A3C 4	ZQV 4N	10 mm ²	76 A	76 A
A4C 4	ZQV 4N	10 mm ²	76 A	76 A
A2C 6	ZQV 6N	10 mm ²	76 A	76 A
A3C 6	ZQV 6N	10 mm ²	76 A	76 A



A

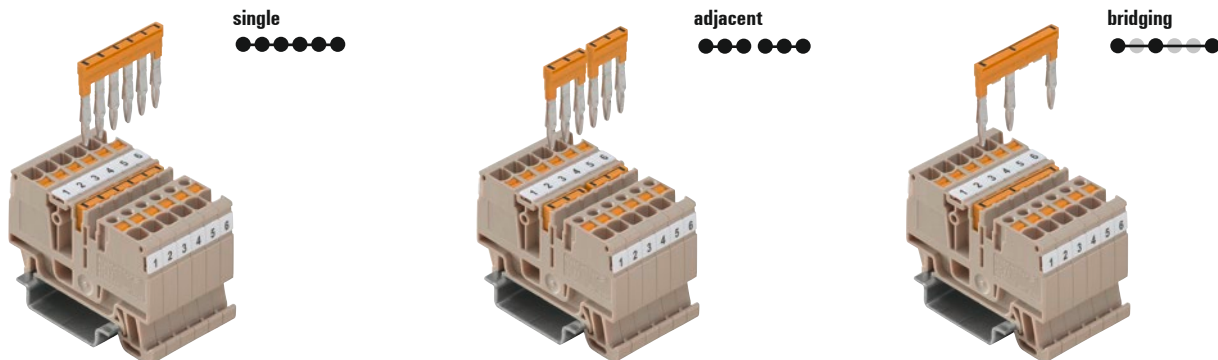


			left											
<div style="transform: rotate(-45deg); transform-origin: left top;">Supply terminals Output terminals right</div>			2.5 mm ²					4 mm ²					6 mm ²	
			A2C	A3C	A4C	ADT 2C	AFS 2C CF	A2C	A3C	A4C	ADT 2C	AFS 2C	A2C	A3C
1.5 mm ²	A2C	ZDV 1.5N	.											
	A3C		.	.										
	A4C								
2.5 mm ²	A2C	ZDV 2.5N						.	.					
	A3C						.	.						
	A4C								
	ADT 2C								
	AFS 2C CF								
4 mm ²	A2C	ZDV 4N										.	.	
	A3C											.	.	
	A4C											.	.	
	ADT 2C											.	.	
	AFS 2C											.	.	

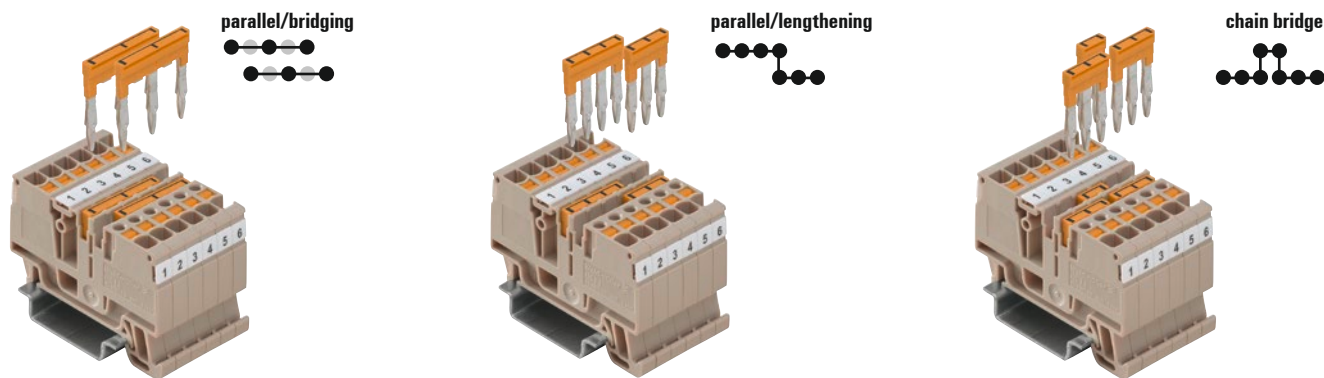
			right											
<div style="transform: rotate(-45deg); transform-origin: left top;">Supply terminals Output terminals left</div>			2.5 mm ²					4 mm ²					6 mm ²	
			A2C	A3C	A4C	ADT 2C	AFS 2C CF	A2C	A3C	A4C	ADT 2C	AFS 2C	A2C	A3C
1.5 mm ²	A2C	ZDV 1.5N							
	A3C									
	A4C									
2.5 mm ²	A2C	ZDV 2.5N							
	A3C								
	A4C								
	ADT 2C								
	AFS 2C CF								
4 mm ²	A2C	ZDV 4N										.	.	
	A3C									
	A4C									
	ADT 2C									
	AFS 2C									

Possible combinations

In one cross-connection channel



In two cross-connection channels



Possible cross-connections of terminals of the same type with corresponding cross-connections

Terminal type	Cross-section	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
Standard terminals								
A ... C	1.5	ZQV 1.5N/...	•	•	•	•	•	•
A2T	1.5	ZQV 1.5N/...	•	•	•	•	•	•
A2T PE	1.5	ZQV 1.5N/...	•	•	•	•	•	•
A3T	1.5	ZQV 1.5N/...	•	•	•	•	•	•
A3T PE	1.5	ZQV 1.5N/...	•	•	•	•	•	•
APGTB	1.5	ZQV 1.5N/...	•	•	•	•	•	•
APGTB 2T	1.5	ZQV 1.5N/...	•	•	•	•	•	•
APGTB 2T PE	1.5	ZQV 1.5N/...	•	•	•	•	•	•
A ... C	2.5	ZQV 2.5N/...	•	•	•	•	•	•
A2T	2.5	ZQV 2.5N/...	•	•	•	•	•	•
A2T PE	2.5	ZQV 2.5N/...	•	•	•	•	•	•
A3T	2.5	ZQV 2.5N/...	•	•	•	•	•	•
A3T PE	2.5	ZQV 2.5N/...	•	•	•	•	•	•
ADT	2.5	ZQV 2.5N/...	•	•	•	•	•	•
AFS	2.5	ZQV 2.5N/...	•	•	•	•	•	•
APGTB	2.5	ZQV 2.5N/...	•	•	•	•	•	•
APGTB 2T	2.5	ZQV 2.5N/...	•	•	•	•	•	•
APGTB 2T PE	2.5	ZQV 2.5N/...	•	•	•	•	•	•
A ... C	4	ZQV 4N/...	•	•	•	•	•	•
A2T	4	ZQV 4N/...	•	•	•	•	•	•
A2T PE	4	ZQV 4N/...	•	•	•	•	•	•
ADT	4	ZQV 4N/...	•	•	•	•	•	•
AFS	4	ZQV 4N/...	•	•	•	•	•	•
APGTB	4	ZQV 4N/...	•	•	•	•	•	•
APGTB 2T	4	ZQV 4N/...	•	•	•	•	•	•
APGTB 2T PE	4	ZQV 4N/...	•	•	•	•	•	•
A ... C	6	ZQV 6N/...	•	•	•	•	•	•
A ... C	10	ZQV 10N/...	•	•	•	•	•	•
A ... C	16	ZQV 16N/...	•	•	•	•	•	•



Spring connection with PUSH IN technology (A-Series)

Accessories

Cross-connections according to dimensions

ZQV 1.5N



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
50-pole	
Note	

17.5			
Type	Qty.	Order No.	
ZQV 1.5N/2	60	1985410000	
ZQV 1.5N/3	60	1985480000	
ZQV 1.5N/4	60	1985490000	
ZQV 1.5N/5	20	1985500000	
ZQV 1.5N/6	20	1985510000	
ZQV 1.5N/7	20	1985520000	
ZQV 1.5N/8	20	1985540000	
ZQV 1.5N/9	20	1985560000	
ZQV 1.5N/10	20	1985580000	
ZQV 1.5N/20	20	1985600000	
ZQV 1.5N/50	5	1985620000	

ZQV 2.5N



24			
Type	Qty.	Order No.	
ZQV 2.5N/2	60	1527540000	
ZQV 2.5N/3	60	1527570000	
ZQV 2.5N/4	60	1527590000	
ZQV 2.5N/5	20	1527620000	
ZQV 2.5N/6	20	1527630000	
ZQV 2.5N/7	20	1527640000	
ZQV 2.5N/8	20	1527670000	
ZQV 2.5N/9	20	1527680000	
ZQV 2.5N/10	20	1527690000	
ZQV 2.5N/20	20	1527720000	
ZQV 2.5N/50	5	1527730000	

ZQV 4N



32			
Type	Qty.	Order No.	
ZQV 4N/2	60	1527930000	
ZQV 4N/3	60	1527940000	
ZQV 4N/4	60	1527970000	
ZQV 4N/5	60	1527980000	
ZQV 4N/6	20	1527990000	
ZQV 4N/7	20	1528020000	
ZQV 4N/8	20	1528030000	
ZQV 4N/9	20	1528070000	
ZQV 4N/10	20	1528090000	
ZQV 4N/50	5	1528130000	

Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
50-pole	
Note	

17.5			
Type	Qty.	Order No.	
ZQV 1.5N/2 BL	60	1985530000	
ZQV 1.5N/3 BL	60	1985550000	
ZQV 1.5N/4 BL	60	1985570000	
ZQV 1.5N/5 BL	20	1985590000	
ZQV 1.5N/6 BL	20	1985610000	
ZQV 1.5N/7 BL	20	1985630000	
ZQV 1.5N/8 BL	20	1985640000	
ZQV 1.5N/9 BL	20	1985660000	
ZQV 1.5N/10 BL	20	1985680000	
ZQV 1.5N/20 BL	20	1985700000	
ZQV 1.5N/50 BL	5	1985720000	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2 BL	60	1527740000	
ZQV 2.5N/3 BL	60	1527770000	
ZQV 2.5N/4 BL	60	1527780000	
ZQV 2.5N/5 BL	20	1527790000	
ZQV 2.5N/6 BL	20	1527820000	
ZQV 2.5N/7 BL	20	1527830000	
ZQV 2.5N/8 BL	20	1527840000	
ZQV 2.5N/9 BL	20	1527870000	
ZQV 2.5N/10 BL	20	1527880000	
ZQV 2.5N/20 BL	20	1527890000	
ZQV 2.5N/50 BL	5	1527920000	

32			
Type	Qty.	Order No.	
ZQV 4N/2 BL	60	1528040000	
ZQV 4N/3 BL	60	1528080000	
ZQV 4N/4 BL	60	1528120000	
ZQV 4N/5 BL	60	1528140000	
ZQV 4N/6 BL	20	1528170000	
ZQV 4N/7 BL	20	1528180000	
ZQV 4N/8 BL	20	1528190000	
ZQV 4N/9 BL	20	1528220000	
ZQV 4N/10 BL	20	1528230000	
ZQV 4N/50 BL	5	1528240000	

Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
50-pole	
Note	

17.5			
Type	Qty.	Order No.	
ZQV 1.5N/2 RD	60	1985650000	
ZQV 1.5N/3 RD	60	1985670000	
ZQV 1.5N/4 RD	60	1985690000	
ZQV 1.5N/5 RD	20	1985710000	
ZQV 1.5N/6 RD	20	1985730000	
ZQV 1.5N/7 RD	20	1985750000	
ZQV 1.5N/8 RD	20	1985770000	
ZQV 1.5N/9 RD	20	1985790000	
ZQV 1.5N/10 RD	20	1985800000	
ZQV 1.5N/20 RD	20	1985810000	
ZQV 1.5N/50 RD	5	1985820000	

24			
Type	Qty.	Order No.	
ZQV 2.5N/2 RD	60	2108470000	
ZQV 2.5N/3 RD	60	2108690000	
ZQV 2.5N/4 RD	60	2108700000	
ZQV 2.5N/5 RD	20	2108710000	
ZQV 2.5N/6 RD	20	2108720000	
ZQV 2.5N/7 RD	20	2108810000	
ZQV 2.5N/8 RD	20	2108870000	
ZQV 2.5N/9 RD	20	2108900000	
ZQV 2.5N/10 RD	20	2108910000	
ZQV 2.5N/20 RD	20	2108920000	
ZQV 2.5N/50 RD	5	2109000000	

32			
Type	Qty.	Order No.	
ZQV 4N/2 RD	60	2460450000	
ZQV 4N/3 RD	60	2460810000	
ZQV 4N/4 RD	60	2460800000	
ZQV 4N/5 RD	60	2460790000	
ZQV 4N/6 RD	20	2460780000	
ZQV 4N/7 RD	20	2460770000	
ZQV 4N/8 RD	20	2460760000	
ZQV 4N/9 RD	20	2460750000	
ZQV 4N/10 RD	20	2460740000	

ZQV 6N



41		
Type	Qty.	Order No.
ZQV 6N/2	60	1985740000
ZQV 6N/3	60	1985760000
ZQV 6N/4	60	1985780000
ZQV 6N/6	20	2733950000
ZQV 6N/7	20	2733960000
ZQV 6N/10	20	2733970000

ZQV 10N/2



57		
Type	Qty.	Order No.
ZQV 10N/2	25	2497250000

ZQV 16N/2



76		
Type	Qty.	Order No.
ZQV 16N/2	25	2497290000

ZQV 35N/2



125		
Type	Qty.	Order No.
ZQV 35N/2	10	2634950000

Reducing bridge

Type	Qty.	Order No.
ZQV 35N - 16	10	2562660000
ZQV 35N - 10	10	2562670000



41		
Type	Qty.	Order No.
ZQV 6N/2 BL	60	1985830000
ZQV 6N/3 BL	60	1985840000
ZQV 6N/4 BL	60	1985850000

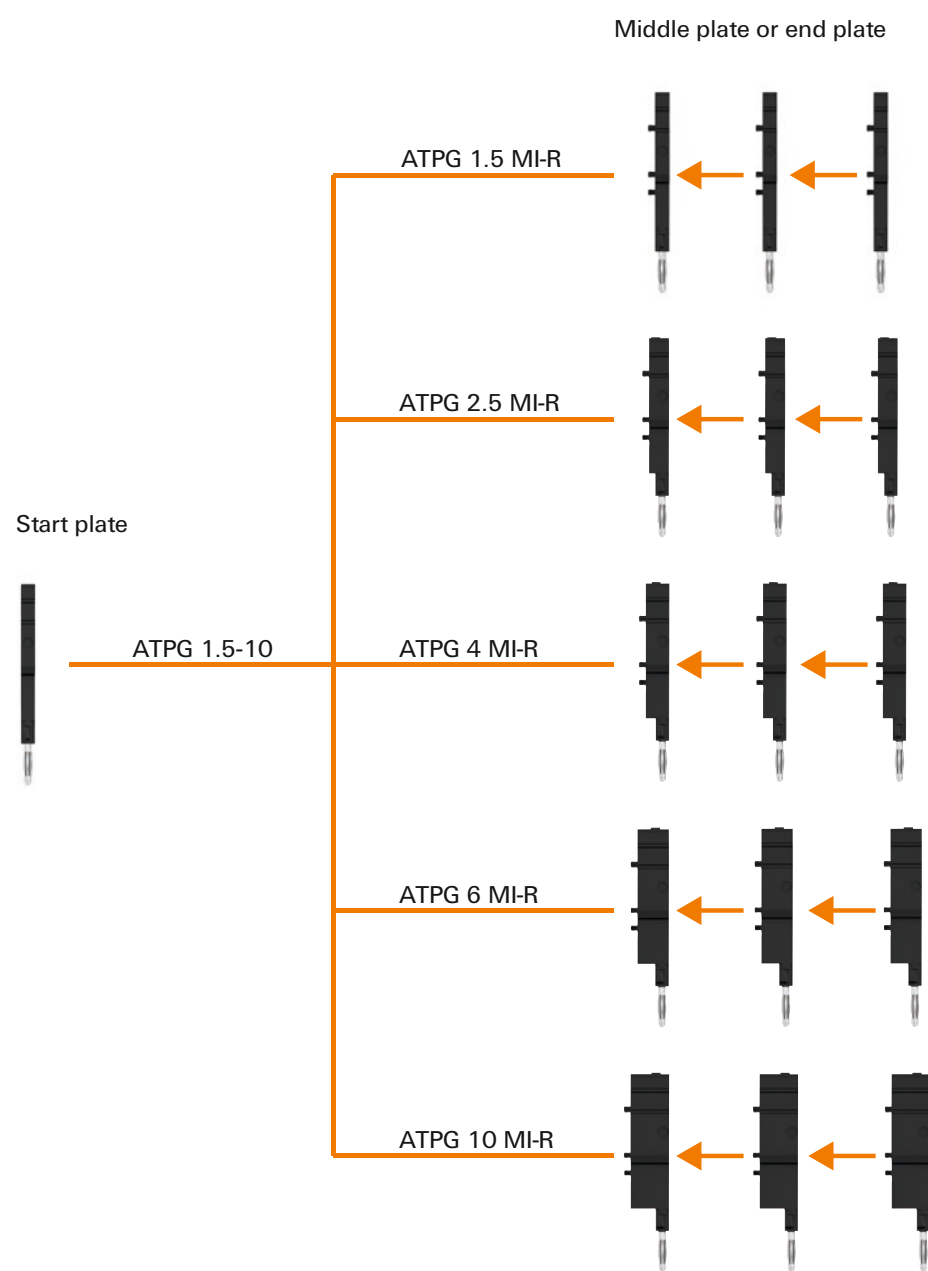


Spring connection with PUSH IN technology (A-Series)
Accessories – testing / checking

Test adapters for self-assembly:
The test adapters offer a flexible solution for every task – they can be connected by threading them together in accordance with the application to be fulfilled.

Note:
The start plate can only be combined with one size of expansion plate.

Structure of the test adapter system



Test adapter

The ATPG test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
	1-pole
	3-pole
	5-pole
Note	

ATPG 1.5-10

Start plate



Width / Length / Height	mm	3.5 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	0.5...1.5
Flexible / Flexible with ferrule	mm ²	0.5...1.5 / 0.5...1
Ordering data		
Type	Qty.	Order No.
ATPG 1.5-10 L	50	1991890000
Note		
The height is dependent on the terminal type		

ATPG 1.5 MI-R

Middle plate or end plate



Width / Length / Height	mm	3.5 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	0.5...1.5
Flexible / Flexible with ferrule	mm ²	0.5...1.5 / 0.5...1
Ordering data		
Type	Qty.	Order No.
ATPG 1.5 MI-R	50	1991880000
Note		
The height is dependent on the terminal type		

ATPG 2.5 MI-R

Middle plate or end plate



Width / Length / Height	mm	5.1 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	0.5...1.5
Flexible / Flexible with ferrule	mm ²	0.5...1.5 / 0.5...1
Ordering data		
Type	Qty.	Order No.
ATPG 2.5 MI-R	50	1991960000
ATPG 2.5/3	25	2041190000
ATPG 2.5/5	25	2041180000
Note		
The height is dependent on the terminal type		

Test adapter

The ATPG test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
	1-pole
	3-pole
	5-pole
Note	

ATPG 4 MI-R-10

Middle plate or end plate



Width / Length / Height	mm	6.1 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	0.5...1.5
Flexible / Flexible with ferrule	mm ²	0.5...1.5 / 0.5...1
Ordering data		
Type	Qty.	Order No.
ATPG 4 MI-R	50	1991860000
Note		
The height is dependent on the terminal type		

ATPG 6 MI-R

Middle plate or end plate



Width / Length / Height	mm	7.9 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	0.5...1.5
Flexible / Flexible with ferrule	mm ²	0.5...1.5 / 0.5...1
Ordering data		
Type	Qty.	Order No.
ATPG 6 MI-R	50	1991930000
Note		
The height is dependent on the terminal type		

ATPG 10 MI-R

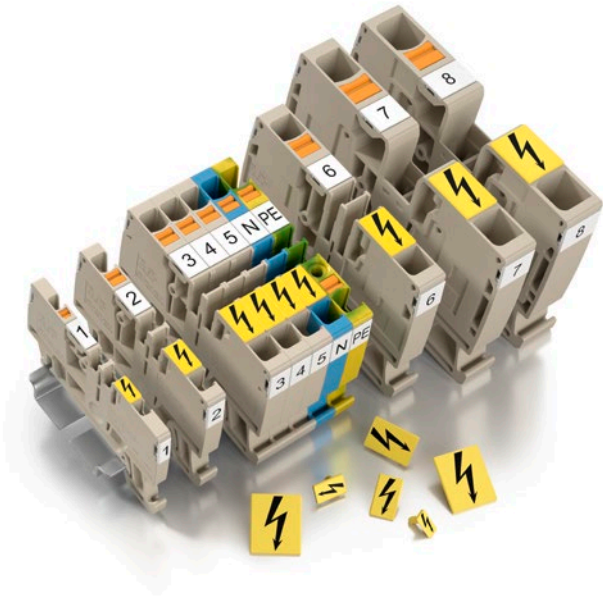
Middle plate or end plate



Width / Length / Height	mm	9.9 / / 18.5
Stripping length	mm	6
Rated data		
Rated voltage	V	0.2
Rated current	A	1.5
for wire cross-section	mm ²	
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	0.5...1.5
Flexible / Flexible with ferrule	mm ²	0.5...1.5 / 0.5...1
Ordering data		
Type	Qty.	Order No.
ATPG 10 MI-R	50	1991870000
Note		
The height is dependent on the terminal type		



Spring connection with PUSH IN technology (A-Series)
Accessories



AAM 1.5 YE FLASH



Dimensions	
Width / Height / Depth	mm
Continuous operating temp., min.	-40 °C
Continuous operating temp., max.	100 °C
Material	polyamide
UL 94 flammability rating	V-2
Ordering data	
	yellow
Note	

2,5 / 52,67 / 36,15			
-40 °C			
100 °C			
polyamide			
V-2			
Type	Qty.	Order No.	
AAM 1.5 YE FLASH	40	2635520000	

AAM 2.5 YE FLASH



2,5 / 75,51 / 45,15			
-40 °C			
100 °C			
polyamide			
V-2			
Type	Qty.	Order No.	
AAM 2.5 YE FLASH	40	2635550000	

AAM 4 YE FLASH



2,5 / 52,67 / 36,15			
-40 °C			
100 °C			
polyamide			
V-2			
Type	Qty.	Order No.	
AAM 4 YE FLASH	40	2635560000	

AAM 6 YE FLASH



Dimensions	
Width / Height / Depth	mm
Continuous operating temp., min.	-40 °C
Continuous operating temp., max.	100 °C
Material	polyamide
UL 94 flammability rating	V-2
Ordering data	
	yellow
Note	

2,5 / 75,51 / 45,15			
-40 °C			
100 °C			
polyamide			
V-2			
Type	Qty.	Order No.	
AAM 6 YE FLASH	40	2635570000	

AAM 10 YE FLASH

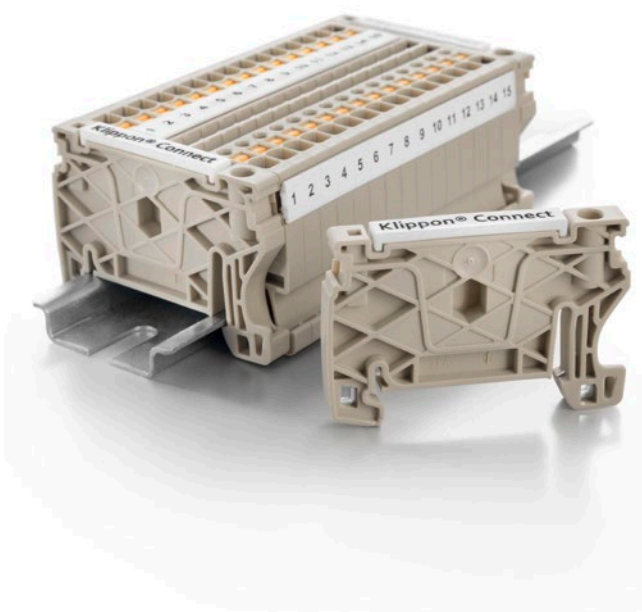


2,5 / 52,67 / 36,15			
-40 °C			
100 °C			
polyamide			
V-2			
Type	Qty.	Order No.	
AAM 10 YE FLASH	40	2635580000	

AAM 16 YE FLASH



2,5 / 75,51 / 45,15			
-40 °C			
100 °C			
polyamide			
V-2			
Type	Qty.	Order No.	
AAM 16 YE FLASH	40	2635590000	



End bracket

AEB 35 SCL/1 V0 ...



Dimensions

Continuous operating temp., min.
Continuous operating temp., max.
Material
UL 94 flammability rating

-40 °C
100 °C
polyamide
V-0

Ordering data

dark beige
light grey
black
dark beige
light grey
black

Type	Qty.	Order No.
AEB 35 SCL/1 V0	50	2661280000
AEB 35 SCL/1 V0 GY	50	2661290000
AEB 35 SCL/1 V0 BK	50	2661300000
AEB 35 SCL/1 V0 DL	50	2570240000
AEB 35 SCL/1 V0 GY DL	50	2570260000
AEB 35 SCL/1 V0 BK DL	50	2570250000

Note

SnapMark- Marker for multi-tier terminals

SNAPMARK 1



Dimensions

width / height / depth mm
Continuous operating temperature, min.
Continuous service temperature, max.
Material
Flammability class according to UL 94

3.5 / 6.2 / 4.8
-40 °C
100 °C
polyamide
V-2

Ordering data

Type	Qty.	Order No.
SNAPMARK I	50	1805880000

Note

SNAPMARK 1.5



5.1 / 8 / 5.8
-40 °C
100 °C
polyamide
V-2

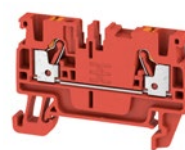
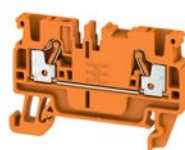
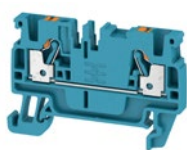
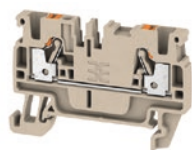
Type	Qty.	Order No.
SNAPMARK I.5	40	2682080000



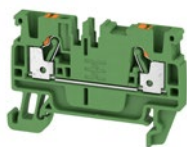


Spring connection with PUSH IN technology (A-Series)

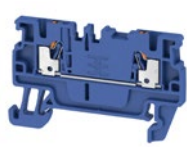
Overview



Type	Order No. beige	Order No. blue BL	Order No. orange OR	Order No. red RD
1.5 mm ²	A2C	1552790000	1552820000	2508020000
	A3C	1552740000	1552770000	2534500000
	A4C	1552690000	1552700000	2534430000
2.5 mm ²	A2C	1521850000	1521880000	1521900000
	A3C	1521740000	1521780000	1521800000
	A4C	1521690000	1521700000	1521710000
4 mm ²	A2C	2051180000	2051210000	2051230000
	A3C	2051240000	2051280000	2051300000
	A4C	2051500000	2051520000	2051530000
6 mm ²	A2C	1992110000	1991790000	-
	A3C	1991820000	1991830000	-



Type	Order No. yellow YL	Order No. green GN	Order No. white WT	Order No. black BK
1.5 mm ²	A2C	2508190000	2508160000	2508170000
	A3C	2534520000	2534510000	2534230000
	A4C	2534450000	2534440000	2534260000
2.5 mm ²	A2C	1521940000	1521950000	1521980000
	A3C	1521840000	1521870000	1521920000
	A4C	1521730000	1521770000	1521820000
4 mm ²	A2C	2051250000	2051260000	2051310000
	A3C	2051340000	2051350000	2051400000
	A4C	2051550000	2051580000	2051660000
6 mm ²	A2C	-	-	-
	A3C	-	-	-



Type	Order No. light grey LTGY	Order No. dark blue DBL	Order No. brown BR
1.5 mm ²	A2C	2508220000	2508200000
	A3C	2534490000	2534530000
	A4C	2534420000	2534460000
2.5 mm ²	A2C	2003110000	2508030000
	A3C	2003120000	2534750000
	A4C	2003130000	2534730000
4 mm ²	A2C	2051330000	2534380000
	A3C	2051460000	2534360000
	A4C	2051670000	2534400000
6 mm ²	A2C	-	-
	A3C	-	-



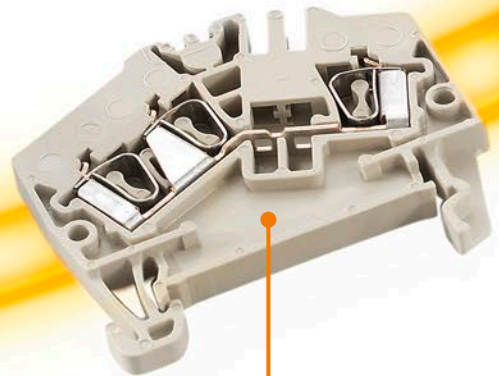
Flexible in wiring, vibration-resistant in operation

Klippon® Connect with proven tension clamp technology

Whether in machine construction, the automotive industry or railway and shipping: wherever there is a requirement for a particularly vibration-resistant contact, tension clamp technology proves extremely reliable. At the same time, our terminal blocks with proven tension clamp technology are perfect for compact yet manageable panel construction. The wide range with numerous additional functions and pluggable terminal blocks (WeiCoS), the wide clamping range and up to two cross-connection channels make the Z-Series perfectly adaptable to all requirements. Pluggable standard cross-connections enable flexible potential distribution.

Our promise

Klippon® Connect helps you reliably achieve a range of applications. Our terminal blocks with tension clamp technology are impressively compact and flexible. They contribute to highly efficient panel construction and improved productivity.



Flexibility

- Pluggable standard cross-connections for flexible potential distribution
- Secure interlocking of all plug-in connectors (WeiCoS)

Time saving

- Integrated test point
- Simple handling thanks to parallel alignment of conductor entry
- Can be wired without special tools

Space saving

- Compact design
- Length reduced by up to 36 percent in roof style

Safety

- Shock and vibration proof
- Separation of electrical and mechanical functions
- No-maintenance connection for a safe, gas-tight contacting
- The tension clamp is made of steel with an externally-sprung contact for optimum contact force
- Current bar made of copper for low voltage drops

Overview**Exceptionally practical:**

The Z-Series has an impressive, practical design and comes in two variants: standard and roof. Our standard models cover wire cross-sections from 0.05 to 35 mm². Terminal blocks for wire cross-sections from 0.13 to 16 mm² are available as roof variants. The striking shape of the roof style gives a reduction in length of up to 36 percent compared to standard terminal blocks.

Simple and clear:

Despite their compact width of just 5 mm (2 connections) or 10 mm (4 connections), our block terminals guarantee absolute clarity and ease of handling thanks to the top-entry conductor feeds. This means the wiring is clear even in terminal boxes with restricted space.



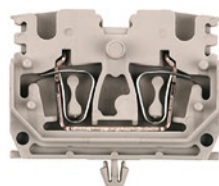
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDUB 2.5-2/2AN/RC

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
Central terminals	dark beige Blue yellow
Note	

Accessories

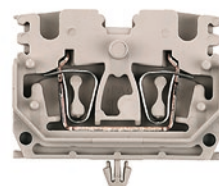
Plug-in cross-connection	2-pole
End plate / Partition plate	dark beige Blue orange
Screwdriver	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZDUB 2.5-2/4AN/RC

2.5 mm²

Four connections









10.2 x 33.5 x 29

30/4

0.13...4



IEC 60947-2-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A2 / V-0			
    			DEMKO16ATEX1808U
Rated connection			
0.5...4			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
Snap-on clip			

Type	Qty.	Order No.
ZDUB 2.5/2/4AN/RC	100	1712970000
ZDUB 2.5/2/4AN/RC BL	100	1712980000
ZDUB 2.5/2/4AN/RC GE	100	1713000000
Diameter of the snap-on clip mounting holes is 3.5 mm when the thickness of the plate is 0.6-91.2 mm.		

Type	Qty.	Order No.
ZOB 2.5-2	24 A 50	1677120000
ZAP ZDUB	50	1704750000
ZAP ZDUB BL	50	1704760000
ZAP ZDUB OR	50	1704770000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

The terminal blocks are cross-connected when using the ZOB 2.5 (1677120000).

The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

ZDUB 2.5-2/2AN/DM

2.5 mm²

Two connections



ZDUB 2.5-2/4AN/DM

2.5 mm²

Four connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	







Ordering data

Version	
End terminals	
	dark beige
	Blue
	yellow
Central terminals	
	dark beige
	Blue
	yellow
	orange
Note	

Accessories

Plug-in cross-connection	
	2-pole
End plate / Partition plate	
	dark beige
	Blue
	orange
Mounting blocks	
	dark beige
Screwdriver	
	Standard
Mounting foot for TS15 & TS35	
	dark beige
Marking tags	







5.1 x 33.5 x 24
30 / 4
0.13...4

IEC 60947-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5 mm²
8 kV / 3			
A2 / V-0			
    		DEMKO16ATEX1808U	
Rated connection			
0.5...4			
0.5...2.5			
10 / 0.6 x 3.5 mm			
Direct mounting			

Type	Qty.	Order No.
ZDUB 2.5-2/2AN/DB	100	1704500000
ZDUB 2.5-2/2AN/DB GE	100	1704530000
ZDUB 2.5-2/2AN/DM	100	1704350000
ZDUB 2.5-2/2AN/DM BL	100	1704360000
ZDUB 2.5-2/2AN/DM GE	100	1704380000
ZDUB 2.5-2/2AN/DM OR	100	1704370000

Type	Qty.	Order No.
ZQB 2.5-2	24 A 50	1677120000
ZAP ZDUB	50	1704750000
ZAP ZDUB BL	50	1704760000
ZAP ZDUB OR	50	1704770000
ZBB ZDUB	50	1704740000
SDIS SLIM 0.6X3.5X100	1	2749610000
MOFU 15/35 ZDUB	50	1723660000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

10.2 x 33.5 x 24
30 / 4
0.13...4

IEC 60947-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A2 / V-0			
    		DEMKO16ATEX1808U	
Rated connection			
0.5...4			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
Direct mounting			

Type	Qty.	Order No.
ZDUB 2.5-2/4AN/DB	100	1704690000
ZDUB 2.5-2/4AN/DB BL	100	1704700000
ZDUB 2.5-2/4AN/DB GE	100	1704720000
ZDUB 2.5-2/4AN/DM	100	1704540000
ZDUB 2.5-2/4AN/DM BL	100	1704550000
ZDUB 2.5-2/4AN/DM GE	100	1704570000
ZDUB 2.5-2/4AN/DM OR	100	1704560000

Type	Qty.	Order No.
ZQB 2.5-2	24 A 50	1677120000
ZAP ZDUB	50	1704750000
ZAP ZDUB BL	50	1704760000
ZAP ZDUB OR	50	1704770000
ZBB ZDUB	50	1704740000
SDIS SLIM 0.6X3.5X100	1	2749610000
MOFU 15/35 ZDUB	50	1723660000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue

The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).



Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDUB 2.5-2/2AN/TS15

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 33.5 x 31
30 / 4
0.13...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	orange
End bracket	
	beige
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

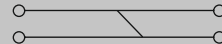
ZDUB 2.5-2/4AN/TS15






2.5 mm²

Four connections



10.2 x 33.5 x 31
30 / 4
0.13...4



IEC 60947-1			
Ex eb II C Gb  II 2 G D			
IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A2 / V-0			
    DEMKO16ATEX1808U			
Rated connection			
0.5...4			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
TS 15 - block construction			

Type	Qty.	Order No.
ZDUB 2.5-2/2AN/15	100	1712750000
ZDUB 2.5-2/2AN/15 BL	100	1712760000
ZDUB 2.5-2/2AN/15 OR	100	1712770000

Type	Qty.	Order No.
ZQB 2.5-2	24 A 50	1677120000
ZAP ZDUB	50	1704750000
ZAP ZDUB BL	50	1704760000
ZAP ZDUB OR	50	1704770000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

Type	Qty.	Order No.
ZDUB 2.5-2/4AN/15	100	1712780000
ZDUB 2.5-2/4AN/15 BL	100	1712790000
ZDUB 2.5-2/4AN/15 OR	100	1712800000

Type	Qty.	Order No.
ZQB 2.5-2	24 A 50	1677120000
ZAP ZDUB	50	1704750000
ZAP ZDUB BL	50	1704760000
ZAP ZDUB OR	50	1704770000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

The terminal blocks are cross-connected when using the ZQB 2.5 (1677120000).

ZDUA 2.5-2

2.5 mm²

Two connections



5.1 x 35 x 30
30 / 4
0.13...4



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	352
24	20	20	20
2.5	AWG 26...12	AWG 26...12	4 mm ²

6 kV / 3

A2 / V-0



DEMKO16ATEX1808U

Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

TS 15 - sliced construction

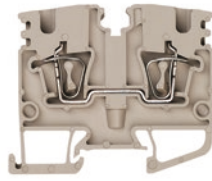
Type	Qty.	Order No.
ZDUA 2.5-2	100	1720920000
ZDUA 2.5-2 BL	100	1720930000
ZDUA 2.5-2 OR	100	1720940000

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000
ZAP/TW ZDUA	50	1720960000
ZAP/TW ZDUA BL	50	1720970000
ZAP/TW ZDUA OR	50	1720980000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

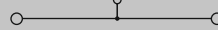
ZDUA 2.5-2N

2.5 mm²

Two connections



5.1 x 42.5 x 35
30 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 26...12	AWG 26...12	

8 kV / 3

A2 / V-0



Rated connection

0.5...2.5 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

TS 15 - sliced construction

Type	Qty.	Order No.
ZDUA 2.5-2N	100	1808200000

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000
ZAP/TW ZDUA2.5-2N	50	1808170000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000



Modular design

A

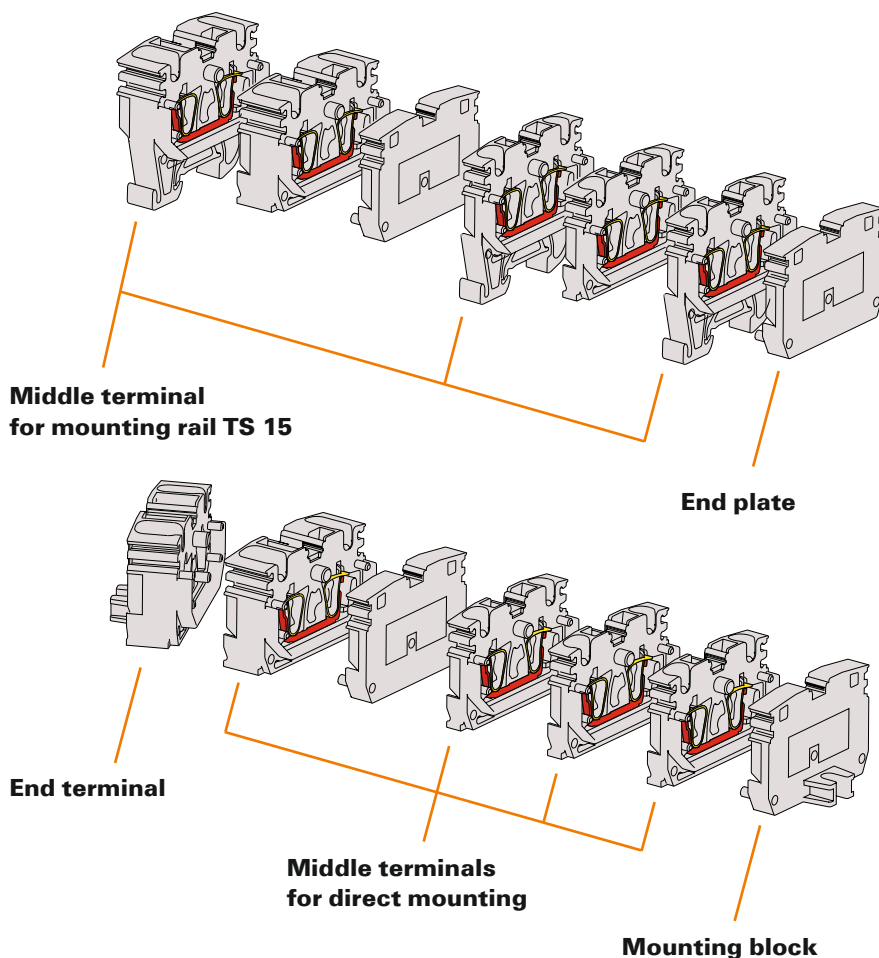
This mini-terminal family in tension clamp technology can be used to assemble individual blocks with 2- and 4-pole terminals.

An individual colour scheme for individual connection groups allows visual differentiation between different circuits.

With a structural width of only 5 mm (2 connections) or 10 mm (4 connections), the TOP connection system guarantees clearly organised wiring of circuits, even in terminal boxes with restricted space.

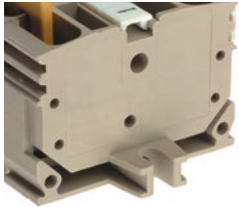
There are three different marking options for quick and clear identification of each terminal.

Made of Weidmüller's top quality WEMID insulation, all block terminals comply with requirements for a V0 flammability class to UL94.



Individual blocks are put together from **middle terminals** and an end plate for the open side. Screw fastening involves the first middle terminal and the **end plate** being replaced by end terminals for fastening purposes. With the other fastening variations, **middle terminals with means of fastening** are integrated within the block or a **mounting foot (MOFU)** is used for fitting to the mounting rail.

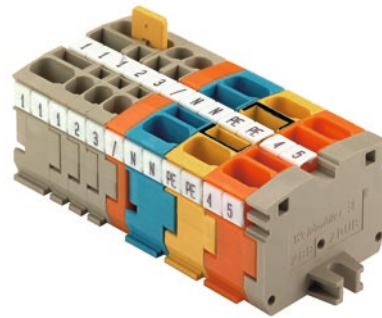
... with 4 different means of fastening



ZDUB 2.5-2 DM

Direct mounting with screw fastening on mounting plate

The fastening terminals on the right and left of the terminal block are mounted using M3 screws. Central fastening is not possible in this case.



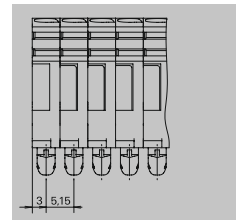
ZDUB 2.5-2 RC

Clip-on fastening on mounting plates

The terminals are simply clipped onto mounting plates 0.6 – 1.2 mm thick with the clips in the 3.5 mm holes. The open side of the terminal is closed by an end plate.



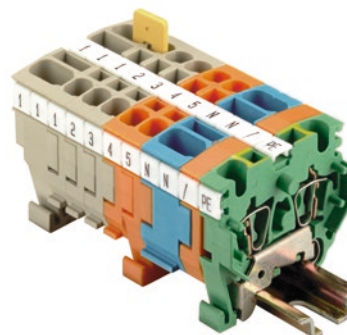
**Drilling plan:
ZDUB/2.5-2/2AN**



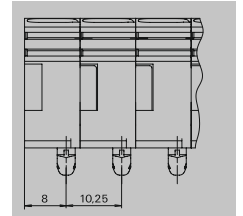
ZPEB 2.5-2 TS 15

Fitting on mounting rail TS 15

For clipping on mounting rail TS 15. The open side of the terminal is closed by an end plate.



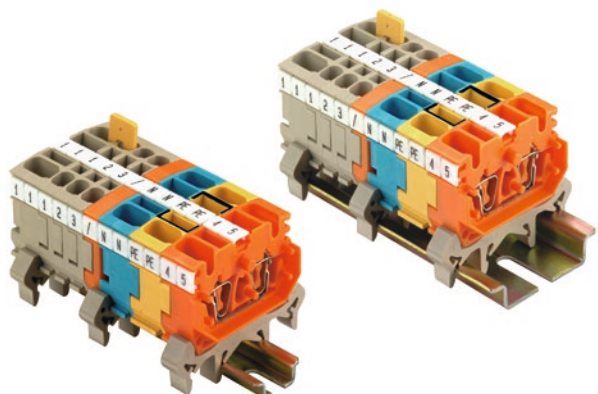
ZDUB 2.5-2/4AN



MOFU TS 15/35

Mounting foot for mounting rail TS 15/35

The mounting foot can be used for clipping terminal blocks consisting only of middle terminals either to TS 15 or TS 35 mounting rails.



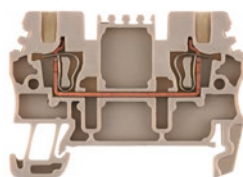
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDU 1.5

1.5 mm²

Two connections

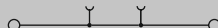


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 51.5 x 36.5

17.5 / 1.5

0.05...1.5

Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	550
17.5	15	20	15
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

6 kV / 3
B1 / V-0

KEMA01ATEX2106U

Rated connection

0.5...1.5

0.5...1.5 / 0.5...1.5

10 / 0.4 x 2.0 mm

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

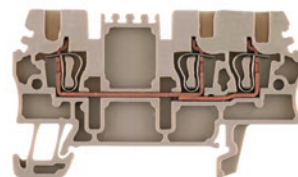
Plug-in cross-connection	
	2-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZDU 1.5/3 AN

1.5 mm²

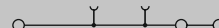
Three connections



3.5 x 63.5 x 36.5

17.5 / 1.5

0.05...1.5

Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	550
17.5	15	20	15
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

6 kV / 3
B1 / V-0

KEMA01ATEX2106U

Rated connection

0.5...1.5

0.5...1.5 / 0.5...1.5

10 / 0.4 x 2.0 mm

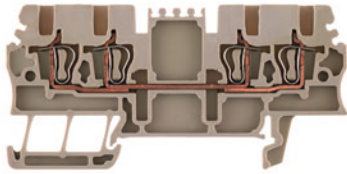
Type	Qty.	Order No.
ZDU 1.5/3AN	100	1775530000
ZDU 1.5/3AN BL	100	1775540000

Type	Qty.	Order No.
ZQV 1.5/2	17.5 A 60	1776120000
ZQV 1.5/10	17.5 A 20	1776200000
ZAP/TW ZDU1.5/2AN	20	1776030000
ZAP/TW ZDU1.5/2AN BL	20	1776040000
ZEW 35	20	9540000000
ZTA 5	13.5 A 25	1776210000
ZTA 5/ZA	13.5 A 25	1776220000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
ZAD 7/4	20	1781940000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

ZDU 1.5/4 AN

1.5 mm²

Four connections



3.5 x 75.5 x 36.5
17.5 / 1.5
0.05...1.5



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	550
17.5	15	20	15
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

6 kV / 3
B1 / V-0

KEMA01ATEX2106U

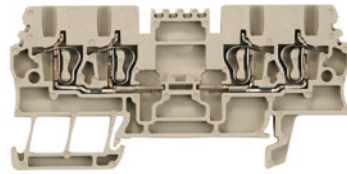
Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

ZDU 1.5 2x2AN

1.5 mm²

2 x 2 connections



3.5 x 75.5 x 36.5
17.5 / 1.5
0.05...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
17.5			
1.5			

6 kV / 3
B1 / V-0

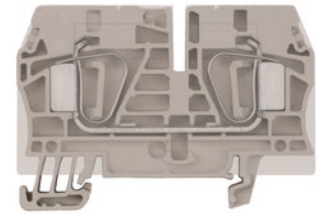
Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.4 x 2.0 mm

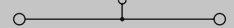
ZEI 6

6 mm²

Supply terminal



10 x 65 x 45
57 / 10
0.5...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
41			
6			

8 kV / 4
A5 / V-0

Rated connection

0.5...10
0.5...10 / 0.5...6
13 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

Type	Qty.	Order No.
ZDU 1.5/4AN	100	1775580000
ZDU 1.5/4AN BL	100	1775600000

Type	Qty.	Order No.
ZDU 1.5/2X2AN	100	1826970000

Type	Qty.	Order No.
ZEI 6	20	1791190000

End plate is integrated.

Type	Qty.	Order No.
ZQV 1.5/2	17.5 A 60	1776120000
ZQV 1.5/10	17.5 A 20	1776200000
ZAP/TW ZDU1.5/4AN	20	1776090000
ZAP/TW ZDU1.5/4AN BL	20	1776100000
ZEW 35	20	9540000000
ZTA 5	13.5 A 25	1776210000
ZTA 5/ZA	13.5 A 25	1776220000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
ZAD 7/4	20	1781940000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

Type	Qty.	Order No.
ZQV 1.5/2	17.5 A 60	1776120000
ZQV 1.5/10	17.5 A 20	1776200000
ZAP/TW ZDU1.5/4AN	20	1776090000
ZAP/TW ZDU1.5/4AN BL	20	1776100000
ZEW 35	20	9540000000
ZTA 5	13.5 A 25	1776210000
ZTA 5/ZA	13.5 A 25	1776220000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
ZAD 7/4	20	1781940000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

Type	Qty.	Order No.
ZQV 1.5/2	17.5 A 60	1776120000
ZQV 1.5/10	17.5 A 20	1776200000
ZEW 35	20	9540000000
ZTA 3 ZDU6	9 A 25	1654050000
SDIS SLIM 0.8X4.0X100	1	2749620000
ZAD 3/4	20	1609120000
DEK 8 FSZ 1-10	500	1289660001
WS 12/6 MC NE WS	600	1609900000

The plug-in cross-connections ZQV 1.5/... can be used.

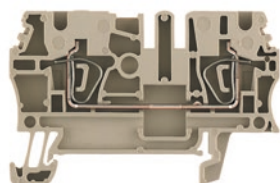
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDU 2.5

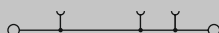
2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 59.5 x 38.5
30 / 4
0.05...4



Ex eb II
 C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	25	27	22
2.5	AWG 30...12	AWG 26...12	4 mm ²

8 kV / 3

A3 / V-0

DEMKO15ATEX1467U

Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

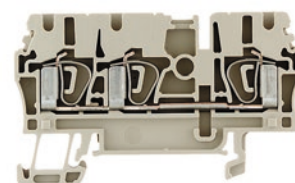
Plug-in cross-connection	
	2-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZDU 2.5/3AN

2.5 mm²

Three connections



5.1 x 64.5 x 38.5
31 / 4
0.05...4



Ex eb II
 C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	800
24	25	27	24
2.5	AWG 30...12	AWG 26...12	2.5 mm ²

8 kV / 3

A3 / V-0

71-101238_CB48336

Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5/3AN	100	1608540000
ZDU 2.5/3AN BL	100	1608550000
Rated voltage is reduced to 400 V when using the cross-connector.		

Type	Qty.	Order No.
ZDU 2.5	100	1608510000
ZDU 2.5 BL	100	1608520000
Rated voltage is reduced to 400 V when using the cross-connector.		

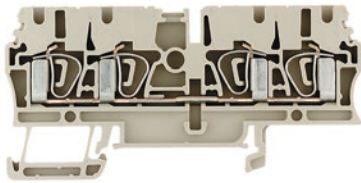
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW 1	50	1608740000
ZAP/TW 1 BL	50	1608750000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
ZAD 1/4	20	1609110000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW 2 DB	50	1608770000
ZAP/TW 2 BL	50	1608780000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
ZAD 1/4	20	1609110000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

ZDU 2.5/4AN

2.5 mm²

Four connections



5.1 x 79.5 x 38.5
27 / 4
0.05...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	25	27	22
2.5	AWG 30...12	AWG 26...12	4 mm ²

8 kV / 3

A3 / V-0

DEMKO15ATEX1467U

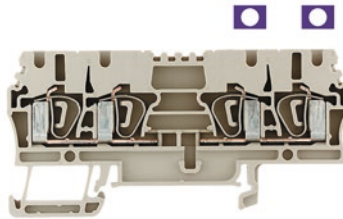
Rated connection

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

ZDU 2.5/2x2AN

2.5 mm²

Two potentials feasible



5.1 x 79.5 x 38.5
30 / 4
0.05...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	25	27	21
2.5	AWG 26...12	AWG 26...12	4 mm ²

8 kV / 3

A3 / V-0

DEMKO15ATEX1567U

Rated connection

0.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 2.5/4AN	100	1608570000
ZDU 2.5/4AN BL	100	1608580000

Type	Qty.	Order No.
ZDU 2.5/2X2AN	100	1608600000
ZDU 2.5/2X2AN BL	100	1608610000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW 3	50	1608800000
ZAP/TW 3 BL	50	1608810000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
ZAD 1/4	20	1609110000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZAP/TW 3 BL	50	1608810000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
ZAD 1/4	20	1609110000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

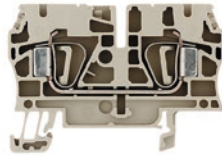
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDU 4

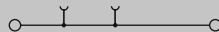
4 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 62 x 43
41 / 6
0.13...6



Ex eb II
 C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26...10	AWG 26...10	4 mm ²

8 kV / 3
 A4 / V-0

KEMA97ATEX2521U

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

When using twin ferrules, the rated voltage is 690 V.

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZDU 4/3 AN

4 mm²

Three connections



6.1 x 83.5 x 43
41 / 6
0.13...6



Ex eb II
 C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26...10	AWG 26...10	4 mm ²

8 kV / 3
 A4 / V-0

KEMA00ATEX2107U

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

When using twin ferrules, the rated voltage is 690 V.

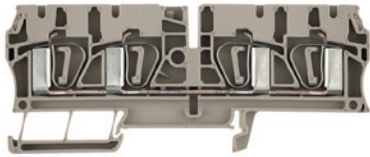
Type	Qty.	Order No.
ZDU 4/3AN	50	7904180000
ZDU 4/3AN BL	50	7904190000

Type	Qty.	Order No.
ZDV 4/2 GE	32 A 60	1608950000
ZDV 4/10 GE	32 A 20	1609030000
ZAP/TW 4/3AN	20	7904100000
ZAP/TW 4/3AN BL	20	7904110000
ZEW 35	20	9540000000
ZTA 2 ZDU4	9 A 25	1609060000
ZTA 2/ZA ZDU4	9 A 25	1609070000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
ZAD 2/4	20	1609080000
DEK 5/6 MC NE WS	1000	1609820000
WS 10/6 MC NE WS	600	2007160000
DEK 5/6 MM WS	600	2007120000

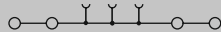
ZDU 4/4 AN

4 mm²

Four connections



6.1 x 104.5 x 43
41 / 6
0.13...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
32	33	35	28
4	AWG 26...10	AWG 26...10	4 mm ²

8 kV / 3

A4 / V-0

KEMA00ATEX2107U

Rated connection

0.5...6 / 0.5...6

0.5...6 / 0.5...4

12 / 0.6 x 3.5 mm

When using twin ferrules, the rated voltage is 690 V.

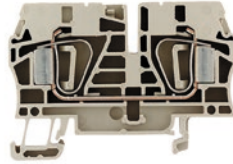
Type	Qty.	Order No.
ZDU 4/4AN	50	7904290000
ZDU 4/4AN BL	50	7904300000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW4/4AN	20	7904210000
ZAP/TW4/4AN BL	20	7904220000
ZEW 35	20	9540000000
ZTA 2 ZDU4	9 A 25	1609060000
ZTA 2/ZA ZDU4	9 A 25	1609070000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
ZAD 2/4	20	1609080000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000

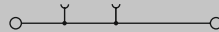
ZDU 6

6 mm²

Two connections



8.1 x 65 x 45
57 / 10
0.22...10



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	50	50	39
6	AWG 22...8	AWG 20...8	10 mm ²

8 kV / 3

A5 / V-0

DEMKO15ATEX1467U

Rated connection

0.5...10

0.5...10 / 0.5...6

13 / 1.0 x 5.5 mm

The ZH 0.5 - ZH 2.5 twin ferrules can be used.

Type	Qty.	Order No.
ZDU 6	50	1608620000
ZDU 6 BL	50	1608630000

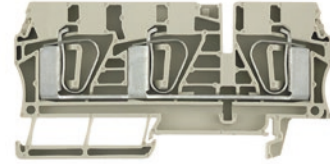
1000 V DC rated voltage tested.

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 5	50	1608830000
ZAP/TW 5 BL	50	1608840000
ZEW 35	20	9540000000
ZTA 3 ZDU6	9 A 25	1654050000
SDS 1.0X5.5X150	1	2749380000
ZAD 3/4	20	1609120000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6 MC NE WS	600	1609900000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

ZDU 6/3 AN

6 mm²

Three connections



8.1 x 90 x 45
57 / 10
0.22...10



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	50	50	36
6	AWG 22...8	AWG 20...8	6 mm ²

8 kV / 3

A5 / V-0

KEMA00ATEX2107U

Rated connection

0.5...10

0.5...6 / 0.5...6

13 / 1.0 x 5.5 mm

The ZH 0.5 - ZH 2.5 twin ferrules can be used.

Type	Qty.	Order No.
ZDU 6/3AN	50	7907410000
ZDU 6/3AN BL	50	7907420000

1000 VDC rated voltage tested.

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW6/3AN	20	7907370000
ZAP/TW6/3AN BL	20	7907380000
ZEW 35	20	9540000000
ZTA 3 ZDU6	9 A 25	1654050000
SDS 1.0X5.5X150	1	2749380000
ZAD 3/4	20	1609120000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6 MC NE WS	600	1609900000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

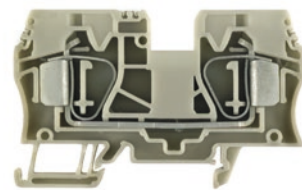
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDU 10

10 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

10 x 73.5 x 49.5
72 / 16
1.31...16



Ex eb II
 C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	550
57	60	55	50
10	AWG 16...6	AWG 16...6	10 mm ²

8 kV / 3

A6 / V-0

KEMA99ATEX5514U

Rated connection

1.5...16 / 1.5...16

1.5...10 / 1.5...10

18 / 1.0 x 5.5 mm

Cross-connection of ZDU 10 and ZDU 16 is possible using the ZDV 16-10.
 Cross-connection of ZDU 10 and ZDU 35 is possible using the ZDV 35-10.

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

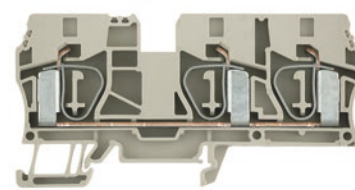
Plug-in cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Test plug
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZDU 10/3AN

10 mm²

Three connections



10 x 99 x 49.5
57 / 16
1.31...16



Ex eb II
 C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
57	60	55	50
10	AWG 16...6	AWG 16...6	10 mm ²

8 kV / 3

A6 / V-0

KEMA00ATEX2107U

Rated connection

1.5...16 / 1.5...16

1.5...10 / 1.5...10

18 / 1.0 x 5.5 mm

Cross-connection of ZDU 10 and ZDU 16 is possible using the ZDV 16-10.
 Cross-connection of ZDU 10 and ZDU 35 is possible using the ZDV 35-10.

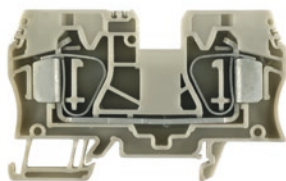
Type	Qty.	Order No.
ZDU 10/3AN	20	1767690000
ZDU 10/3AN BL	20	1767700000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
ZDV 10/2	57 A 25	1739680000
ZAP/TW ZDU10	20	1748660000
ZAP/TW ZDU10 BL	20	1764110000
ZEW 35	20	9540000000
PS 2.3 RT	20	0180400000
SDS 1.0X5.5X150	1	2749380000
ZAD 4/5	20	1746730000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

ZDU 16

16 mm²

Two connections



12.1 x 82.5 x 50.5
98 / 25
1.5...25



Ex eb II
C Gb



II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	550
76	65	65	66
16	AWG 14...4	AWG 14...4	16 mm ²

8 kV / 3

A7 / V-0

CE ENEC KEMA IEC 60947-7-1 KEMA99ATEX5514U

Rated connection

1.5...16 / 1.5...25

1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

Cross-connection of ZDU 16 and ZDU 35 is possible using the ZDV 35-16.
Cross-connection of ZDU 10 and ZDU 16 is possible using the ZDV 16-10.

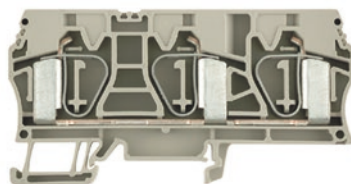
Type	Qty.	Order No.
ZDU 16	25	1745230000
ZDU 16 BL	25	1745240000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
ZQV 16/2	76 A 25	1739690000
ZAP/TW ZDU16	20	1745150000
ZAP/TW ZDU16 BL	20	1764100000
ZEW 35	20	9540000000
PS 2.3 RT	20	0180400000
SDS 1.0X5.5X150	1	2749380000
ZAD 5/5	20	1745210000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

ZDU 16/3 AN

16 mm²

Three connections



12.1 x 99 x 50.5
76 / 25
1.5...25



Ex eb II
C Gb



II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
76	65	65	66
16	AWG 14...4	AWG 14...4	16 mm ²

8 kV / 3

A7 / V-0

CE ENEC KEMA IEC 60947-7-1 KEMA00ATEX2107U

Rated connection

1.5...16 / 1.5...25

1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

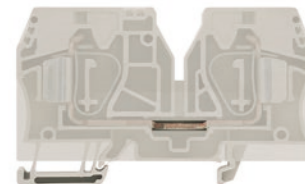
Type	Qty.	Order No.
ZDU 16/3AN	20	1768320000
ZDU 16/3AN BL	20	1768330000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
ZQV 16/2	76 A 25	1739690000
ZAP/TW 10/16	20	1749580000
ZAP/TW 10/16 BL	20	1768520000
ZEW 35	20	9540000000
PS 2.3 RT	20	0180400000
SDS 1.0X5.5X150	1	2749380000
ZAD 5/5	20	1745210000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

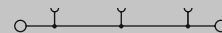
ZEI 16

16 mm²

Supply terminal



14.7 x 82.5 x 50.5
76 / 25
1.5...25



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	600	
76	65	65	
16	AWG 14...4	AWG 14...4	

8 kV / 3

A7 / V-0

CE ENEC KEMA IEC 60947-7-1

Rated connection

1.5...16 / 1.5...25

1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
ZEI 16	20	1745350000
ZEI 16 BL	20	1766240000
Integrated end plate.		

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 6/4 GE	41 A 60	1627870000
ZEW 35	20	9540000000
PS 2.3 RT	20	0180400000
SDS 1.0X5.5X150	1	2749380000
ZAD 5/5	20	1745210000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

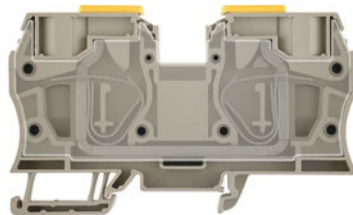
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDU 35

35 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

16 x 100.5 x 58.5

125 / 35

2.5...35



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Test plug
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
Marking tags	

IEC 60947-7-1 Ex eb II C Gb  II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	690
125	120	120	109
35	AWG 12...2	AWG 12...2	35 mm ²

8 kV / 3

A8 / V-0

    KEMA00ATEX2107U

Rated connection	
2.5...16 / 2.5...35	
2.5...35 / 2.5...35	
25 / 1.0 x 5.5 mm	

Cross-connection of ZDU 10 and ZDU 35 is possible using the ZDV 35-10.
Cross-connection of ZDU 16 and ZDU 35 is possible using the ZDV 35-16.

Type	Qty.	Order No.
ZDU 35	10	1739620000
ZDU 35 BL	10	1739630000
End plate is integrated. 1000 VDC rated voltage tested.		

Type	Qty.	Order No.
ZDV 35/2	125 A 10	1739700000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
ZAD 6/5	20	1752620000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

For detailed information on other accessories and application in the online catalogue



ZDU 2.5-2/4AN

2.5 mm²

Four connections



5.1 x 50.5 x 43
24 / 2.5
0.13...2.5



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	23	21
2.5	AWG 26...12	AWG 26...14	4 mm ²

8 kV / 3

A2 / V-0

DEMKO16ATEX1808U

Rated connection

0.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDU 2.5-2/4AN	100	1706060000
ZDU 2.5-2/4AN BL	100	1706070000

The wire cross section is decreased to 1.5 mm² when using the ZQB 2.5 for single core and finely stranded wires.

Type	Qty.	Order No.
ZQB 2.5-2	24 A 50	1677120000
ZAP/TW7	50	1706110000
ZAP/TW7 BL	50	1706120000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 1/4-2 GE	20	1764560000
DEK 5/5 MC SDR	200	1609810000
DEK 5/5 MM WS	800	2007110000

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

ZDU 4-2

4 mm²

Two connections



6.1 x 61.5 x 45.5
32 / 6
0.13...6



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	440
32	33	35	29
4	AWG 26...10	AWG 26...10	6 mm ²

8 kV / 3

A3 / V-0

DEMKO16ATEX1808U

Rated connection

0.5...6

0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 4-2/2AN	100	1770370000
ZDU 4-2/2AN BL	100	1770840000

Rated voltage is reduced to 400 V when using the cross-connector.

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP ZDU4-2	50	1770400000
ZAP ZDU4-2 BL	50	1770880000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZAD 1/4	20	1609110000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000
DEK 5/6 MC NE WS	1000	1609820000

The rated voltage is decreased to 250 V when using the shielding rail LS 2.8 (1056400000).

ZDU 4-2/3AN

4 mm²

Three connections



6.1 x 61.5 x 45.5
38 / 6
0.13...6



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	440
32	33	35	29
4	AWG 26...10	AWG 26...10	6 mm ²

8 kV / 3

A3 / V-0

DEMKO16ATEX1808U

Rated connection

0.5...6

0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZDU 4-2/3AN	100	1770360000
ZDU 4-2/3AN BL	100	1770860000

Rated voltage is reduced to 400 V when using the cross-connector.

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP ZDU4-2	50	1770400000
ZAP ZDU4-2 BL	50	1770880000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZAD 1/4	20	1609110000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

The rated voltage is reduced to 250 V on use of shield bus LS 2.8 (1056400000).

Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDU 4-2/3AN LSC

4 mm²

Three connections

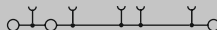


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 61.5 x 45.5

38 / 6

0.13...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZDU 4-2/4AN

4 mm²

Four connections









6.1 x 75.1 x 45.5



32 / 6

0.13...6



IEC 60947-1			
Ex eb II C Gb  II 2 G D			
IEC	UL	CSA	EN 60079-7
800	600	600	440
32	33	35	29
4	AWG 26...10	AWG 26...10	6 mm ²
8 kV / 3			
A3 / V-0			
     DEMKO16ATEX1808U			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
32			
4			
8 kV / 3			
A3 / V-0			
 			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			

The ZDU 4-2/3AN LSC version can be mounted on a 40 mm Lütze frame.

Type	Qty.	Order No.
ZDU 4-2/3AN LSC	100	1790520000
ZDU 4-2/3AN LSC BL	100	1804880000

Rated voltage is reduced to 400 V when using the cross-connector.

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP ZDU4-2	50	1770400000
ZAP ZDU4-2 BL	50	1770880000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZAD 1/4	20	1609110000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

The rated voltage is reduced to 250 V on use of shield bus LS 2.8 (1056400000).

Type	Qty.	Order No.
ZDU 4-2/4AN	100	1806980000
ZDU 4-2/4AN BL	100	1806990000

Rated voltage is reduced to 400 V when using the cross-connector.

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP ZDU4-2/4AN	50	1807010000
ZAP ZDU4-2/4AN BL	50	1807020000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZAD 1/4	20	1609110000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

ZDU 6-2/2AN

6 mm²

Two connections



8.1 x 68 x 49.5
41 / 10
0.22...10



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	38
6	AWG 22...8	AWG 20...8	10 mm ²

8 kV / 3

A5 / V-0

DEMKO16ATEX1808U

Rated connection

0.5...10

0.5...10 / 0.5...6

12 / 0.6 x 3.5 mm, 0.8 x 4.0 mm

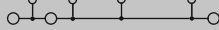
ZDU 6-2/3AN

6 mm²

Three connections



8.1 x 68 x 49.5
41 / 10
0.22...10



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	600	600	550
41	45	50	38
6	AWG 22...8	AWG 20...8	10 mm ²

8 kV / 3

A5 / V-0

DEMKO16ATEX1808U

Rated connection

0.5...10

0.5...10 / 0.5...6

12 / 0.6 x 3.5 mm, 0.8 x 4.0 mm

ZEI 16-2 / 1 AN

16 mm²

Supply terminal



14 x 61.5 x 50.5
76 / 25
1.5...25



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
76	65	65	
16	AWG 14...4	AWG 14...4	

6 kV / 3

A7 / V-0

Rated connection

1.5...10 / 16...25

1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

Type	Qty.	Order No.
ZDU 6-2/2AN	50	1771380000
ZDU 6-2/2AN BL	50	1771390000

Rated voltage is reduced to 400 V when using the cross-connector. 1000 VDC rated voltage tested.

Type	Qty.	Order No.
ZDU 6-2/3AN	50	1771410000
ZDU 6-2/3AN BL	50	1771420000

Rated voltage is reduced to 400 V when using the cross-connector.

Type	Qty.	Order No.
ZEI 16-2/1AN	20	1772940000
ZEI 16-2/1AN BL	20	1772950000

End plate is integrated.

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
ZTA 7/ZA	9 A 25	1780670000
SDIS SLIM 0.8X4.0X100	1	2749620000
ZAD 2/4	20	1609080000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
ZTA 7/ZA	9 A 25	1780670000
SDIS SLIM 0.8X4.0X100	1	2749620000
ZAD 2/4	20	1609080000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZAP/Z...16-2/1AN	10	1772970000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 8 FSZ 1-10	500	1289660001

The plug-in cross-connections ZQV 2.5/..., ZQV 4/... and ZQV 6/... can be used.

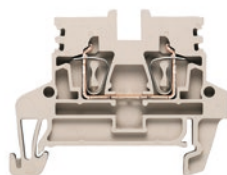
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDU 2.5N

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 38.5
24 / 4
0.05...4



Ex eb II
 C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	24	20.5
2.5	AWG 30...12	AWG 30...12	2.5 mm ²

6 kV / 3

A2 / V-0

KEMA06ATEX0271U

Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller
 PZ 6/5 crimping tool.

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

Clamped conductors (H05V/H07V)

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZDU 2.5N	50	1933700000
ZDU 2.5N BL	50	1933710000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDU/ZPE 2.5N	20	1933790000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000
WS 8/5 MM WS	800	2007150000

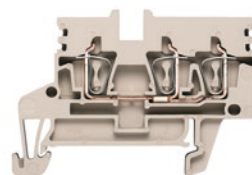
For detailed information on other accessories and
 application in the online catalogue

2.5 mm² wires with wire ferrules including the plastic collar only clampable with
 diameter-optimised collar (Order no. 1333100000, pack of 500).

ZDU 2.5N/3AN

2.5 mm²

Three connections



5.1 x 56.5 x 38.5
24 / 4
0.05...4



Ex eb II
 C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	24	21.5
2.5	AWG 30...12	AWG 30...12	2.5 mm ²

6 kV / 3

A2 / V-0

KEMA06ATEX0271U

Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller
 PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDU 2.5N/3AN	50	1933720000
ZDU 2.5N/3AN BL	50	1933730000

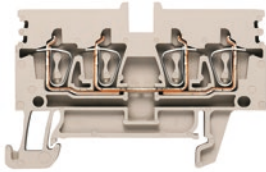
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDU/ZPE 2.5N/3AN	50	1933800000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000
WS 8/5 MM WS	800	2007150000

2.5 mm² wires with wire ferrules including the plastic collar only clampable with
 diameter-optimised collar (Order no. 1333100000, pack of 500).

ZDU 2.5N/4AN

2.5 mm²

Four connections



5.1 x 60 x 38.5

24 / 4

0.05...4



IEC 60947-7-1 Ex eb II C Gb  II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	24	21
2.5	AWG 30...12	AWG 30...12	2.5 mm ²

6 kV / 3

A2 / V-0

 KEMA06ATEX0271U

Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDU 2.5N/4AN	50	1933740000
ZDU 2.5N/4AN BL	50	1933750000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDU/ZPE 2.5N/4AN	50	1933810000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000
WS 8/5 MM WS	800	2007150000

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).



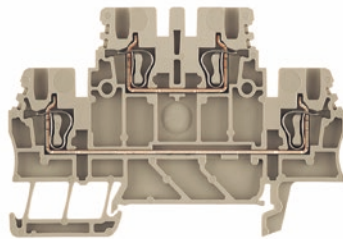
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDK 1.5

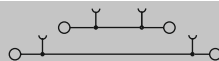
1.5 mm²

Double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 75.5 x 49.5
17.5 / 1.5
0.05...1.5



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

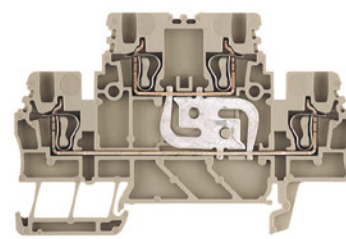
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Marking tags	
Cover	
	With lightning flash symbol

For detailed information on other accessories and application in the online catalogue

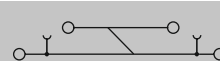
ZDK 1.5V

1.5 mm²

Vertically cross-connected double-level terminal



3.5 x 75.5 x 49.5
17.5 / 1.5
0.05...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	600	
17.5	10	10	
1.5	AWG 28...16	AWG 28...16	
6 kV / 3			
B1 / V-0			
Rated connection			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.4 x 2.0 mm			

Type	Qty.	Order No.
ZDK 1.5V	100	1791130000
ZDK 1.5V BL	50	1791140000

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	600	
17.5	10	10	
1.5	AWG 28...16	AWG 28...16	
6 kV / 3			
B1 / V-0			
Rated connection			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.4 x 2.0 mm			

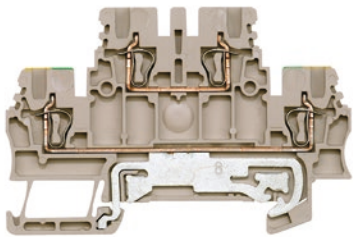
Type	Qty.	Order No.
ZDK 1.5	100	1791100000
ZDK 1.5 BL	100	1791110000

Type		Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZAP/TW ZDK1.5		20	1791160000
ZAP/TW ZDK1.5 BL		20	1791170000
ZEW 35		20	9540000000
ZTA 5	13.5 A	25	1776210000
ZTA 5/ZA	13.5 A	25	1776220000
SDS 0.4X2.0X60		1	2749260000
ZRH 1.5S/1		500	1781950000
DEK 5/3.5 MC NE WS		500	1755270000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
ZAD 7/4		20	1781940000

Type		Qty.	Order No.
ZQV 1.5/2	17.5 A	60	1776120000
ZQV 1.5/10	17.5 A	20	1776200000
ZAP/TW ZDK1.5		20	1791160000
ZAP/TW ZDK1.5 BL		20	1791170000
ZEW 35		20	9540000000
ZTA 5	13.5 A	25	1776210000
ZTA 5/ZA	13.5 A	25	1776220000
SDS 0.4X2.0X60		1	2749260000
ZRH 1.5S/1		500	1781950000
DEK 5/3.5 MC NE WS		500	1755270000
DEK 5/3.5 MM WS		1000	2007100000
WS 8/3.5 MM WS		1000	2007140000
ZAD 7/4		20	1781940000

ZDK 1.5 DU-PE 1.5 mm²

Double-level terminal (DU-PE)



3.5 x 75.5 x 49.5
17.5 / 1.5
0.05...1.5

IEC 60947-7-1 (-7-2)			
IEC	UL	CSA	EN 60079-7
500	300		
17.5	10		
1.5	AWG 28...16	AWG 28...16	
6 kV / 3			
B1 / V-0			
CE RoHS REACH			
Rated connection			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.4 x 2.0 mm			

Type	Qty.	Order No.
ZDK 1.5DU-PE	100	1791120000
Upper level: feed-through terminal Lower level: PE terminal		

Type	Qty.	Order No.
ZQV 1.5/2	17.5 A 60	1776120000
ZQV 1.5/10	17.5 A 20	1776200000
ZAP/TW ZDK1.5	20	1791160000
ZAP/TW ZDK1.5 BL	20	1791170000
ZEW 35	20	9540000000
ZTA 5	13.5 A 25	1776210000
ZTA 5/ZA	13.5 A 25	1776220000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
DEK 5/3.5 MC NE WS	500	1755270000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
ZAD 7/4	20	1781940000



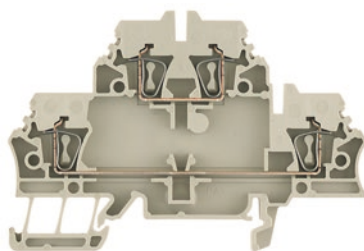
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDK 2.5

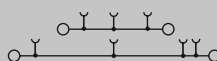
2.5 mm²

Double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 79.5 x 53
20 / 2.5
0.05...2.5



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

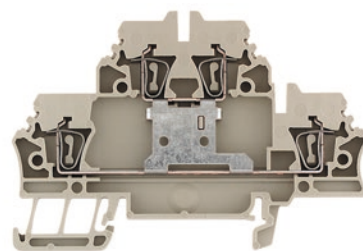
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Marking tags	
Cover	
	With lightning flash symbol

For detailed information on other accessories and application in the online catalogue

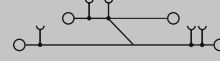
ZDK 2.5 V


2.5 mm²

Vertically cross-connected double-level terminal



5.1 x 79.5 x 53
20 / 2.5
0.05...2.5



IEC 60947-7-1	Ex eb II C Gb	 II 2 G D	
IEC	UL	CSA	EN 60079-7
500	300	300	440
20	15	10	20
2.5	AWG 26...14	AWG 26...12	2.5 mm ²
6 kV / 3			
A2 / V-0			
DEMKO16ATEX1729U			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
2.5 mm ² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Type	Qty.	Order No.
ZDK 2.5	50	1674300000
ZDK 2.5 BL	50	1678630000
ZBS 1 component plug ZBS 1 can be used for LED (1764550000).		

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZAP/TW ZDK2.5 BL	20	1748800000
ZEW 35	20	9540000000
ZTA ZDK 2.5	5	1052660000
ZTA ZDK 2.5/ZA	5	1052680000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

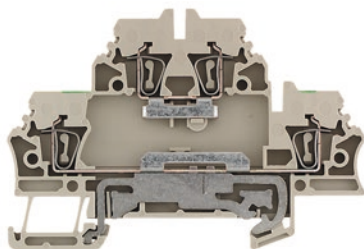
ZQV 2.5/1.5 (1720700000) connects the upper and lower layer.

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZAP/TW ZDK2.5 BL	20	1748800000
ZEW 35	20	9540000000
ZTA ZDK 2.5	5	1052660000
ZTA ZDK 2.5/ZA	5	1052680000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

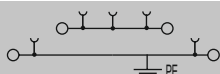
ZDK 2.5 DU-PE

2.5 mm²

Phase - PE conductor



5.1 x 79.5 x 53
24 / 2.5
0.05...2.5



IEC 60947-7-1 (-7-2) Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	352
20	15	10	20
2.5	AWG 26...14	AWG 26...12	2.5 mm ²

6 kV / 3
A2 / V-0

DEMKO16ATEX1729U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

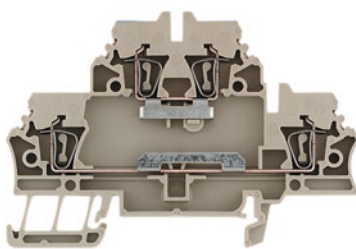
Type	Qty.	Order No.
ZDK 2.5DU-PE	50	1689970000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZAP/TW ZDK2.5 BL	20	1748800000
ZEW 35	20	9540000000
ZTA ZDK 2.5	5	1052660000
ZTA ZDK 2.5/ZA	5	1052680000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

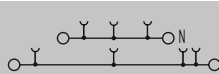
ZDK 2.5 N-DU

2.5 mm²

Neutral conductor - phase



5.1 x 79.5 x 53
23 / 2.5
0.05...2.5



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	352
20	15	10	19
2.5	AWG 26...14	AWG 26...12	2.5 mm ²

6 kV / 3
A2 / V-0

DEMKO16ATEX1729U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5N-DU	50	1689960000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZAP/TW ZDK2.5 BL	20	1748800000
ZEW 35	20	9540000000
ZTA ZDK 2.5	5	1052660000
ZTA ZDK 2.5/ZA	5	1052680000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

ZQV 2.5/1.5 (1720700000) connects the upper and lower layer.

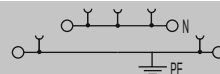
ZDK 2.5 N-PE

2.5 mm²

Neutral & PE conductor



5.1 x 79.5 x 53
24 / 2.5
0.05...2.5



IEC 60947-7-1 (-7-2) Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
500	300	300	352
20	15	10	20
2.5	AWG 26...14	AWG 26...12	2.5 mm ²

6 kV / 3
A2 / V-0

DEMKO16ATEX1729U

Rated connection

0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5N-PE	50	1689980000

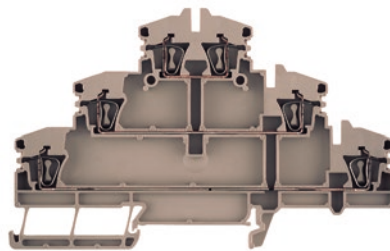
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZAP/TW ZDK2.5 BL	20	1748800000
ZEW 35	20	9540000000
ZTA ZDK 2.5	5	1052660000
ZTA ZDK 2.5/ZA	5	1052680000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Spring connection with tension clamp technology (Z-Series) Feed-through terminal blocks

ZOLD 2.5-2 N

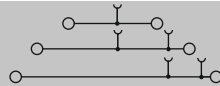
2.5 mm²

Three levels



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 110.5 x 69
20 / 2.5
0.08...2.5



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			
CE CB ENE RA			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
2.5 mm ² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Ordering data

Version	
dark beige	
Blue	
Note	

Accessories

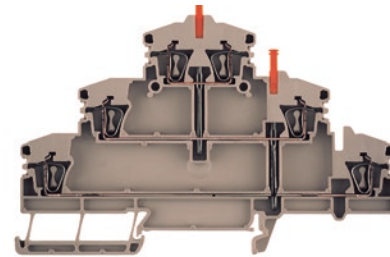
Vertical jumpers	
	1-pole
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard
	With "swifty set" cutting device
Reducing sleeves	
	for conductors < 1.0 mm ² / AWG 18
	for conductors < 0.5 mm ² / AWG 20
Marking tags	

For detailed information on other accessories and application in the online catalogue

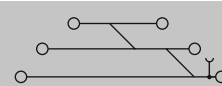
ZOLD 2.5-2 VN

2.5 mm²

Vertically cross-connected multi-level terminal



5.1 x 110.5 x 69
20 / 2.5
0.08...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			
CE CB ENE RA			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			
2.5 mm ² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

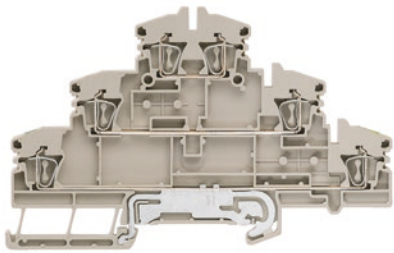
Type	Qty.	Order No.
ZOLD 2.5-2VN	25	1782320000
ZOLD 2.5-2VN BL	25	1782330000

Type	Qty.	Order No.
ZQV 2.5/1.5	24 A 50	1720700000
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZOLD2.5-2N	20	1782340000
ZAP/TW ZOLD2.5-2N BL	20	1782350000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
SWIFTY SET	1	9006060000
ZRH 1.5H/2	1000	1678800000
ZRH 1.5H/1	1000	1678810000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

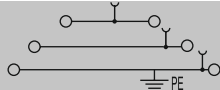
ZQV 2.5/1.5 (1720700000) connects the upper and lower layer.

ZOLD 2.5-2 N PE/L/L

2.5 mm²



5.1 x 110.5 x 69
/ 2.5
0.08...2.5



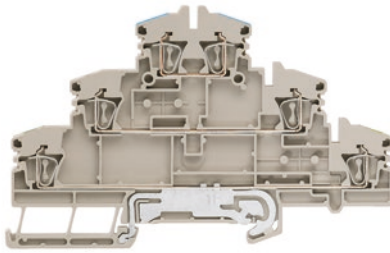
IEC	UL	CSA	EN 60079-7
500	150	150	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			
CE			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
ZOLD 2.5-2N/PE/L/L	50	1131750000

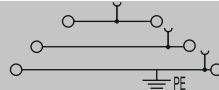
Type	Qty.	Order No.
ZVQ 2.5/1.5	24 A 50	1720700000
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZOLD2.5-2N	20	1782340000
ZAP/TW ZOLD2.5-2N BL	20	1782350000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
SWIFTY SET	1	9006060000
ZRH 1.5H/2	1000	1678800000
ZRH 1.5H/1	1000	1678810000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

ZOLD 2.5-2 N PE/L/N

2.5 mm²



5.1 x 110.5 x 69
/ 2.5
0.08...2.5



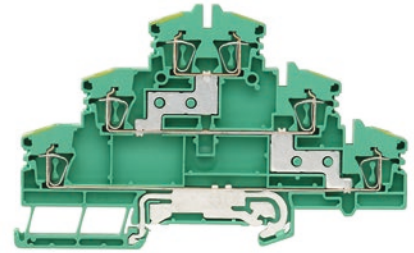
IEC	UL	CSA	EN 60079-7
500	150	150	
20	15	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			
CE			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
ZOLD 2.5-2N/PE/L/N	50	1131760000

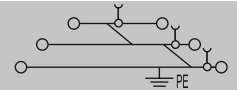
Type	Qty.	Order No.
ZVQ 2.5/1.5	24 A 50	1720700000
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZOLD2.5-2N	20	1782340000
ZAP/TW ZOLD2.5-2N BL	20	1782350000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
SWIFTY SET	1	9006060000
ZRH 1.5H/2	1000	1678800000
ZRH 1.5H/1	1000	1678810000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

ZOLD 2.5-2 N PE

2.5 mm²



5.1 x 110.5 x 69
/ 2.5
0.08...2.5



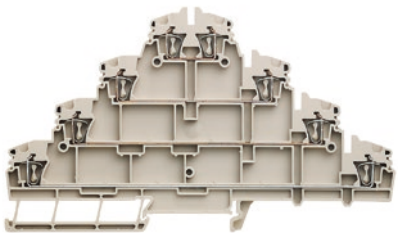
IEC	UL	CSA	EN 60079-7
500			
2.5	AWG 26...12	AWG 26...12	
/ V-0			
CE			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
ZOLD 2.5-2N PE	50	1131740000

Type	Qty.	Order No.
ZVQ 2.5/1.5	24 A 50	1720700000
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZOLD2.5-2N	20	1782340000
ZAP/TW ZOLD2.5-2N BL	20	1782350000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
SWIFTY SET	1	9006060000
ZRH 1.5H/2	1000	1678800000
ZRH 1.5H/1	1000	1678810000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Spring connection with tension clamp technology (Z-Series) Feed-through terminal blocks

ZVLD 2.5 2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 148 x 85	
/ 2.5	
0.14...2.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
250			
20			
2.5			
		6 kV / 3	
		A2 / V-0	
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version	
	dark beige
Note	

Type	Qty.	Order No.
ZVLD 2.5	50	1208920000
Note		

Accessories

Vertical jumpers	
	1-pole
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Marking tags	

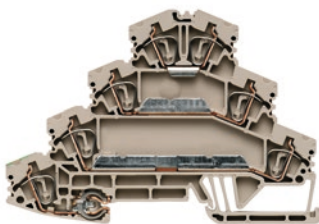
Type	Qty.	Order No.
ZVQ 2.5/1.5	24 A 50	1720700000
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP ZVLD 2.5	10	1210410000
ZEW 35/2	20	8630740000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZMAK 2.5

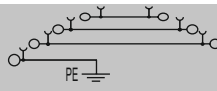
2.5 mm²

Motor-supply terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 102 x 69.5
31 / 4
0.13...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
Note	

Accessories

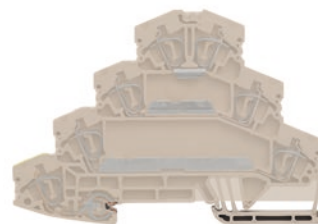
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Test adapter	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

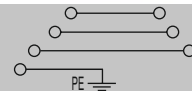
ZMAK 2.5 690 V

2.5 mm²

Motor-supply terminal



6.1 x 102 x 69.5
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
690	300		
24	25		
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		
CE ENE RA			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Type	Qty.	Order No.
ZMAK 2.5 690V	25	1027550000
The ZMAK 2.5 690 V with pre-assembled end plate and a width of 6.1 mm.		

Type	Qty.	Order No.
ZMAK 2.5	25	1768000000

Type	Qty.	Order No.
ZAP ZMAK2.5	10	1768010000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZTA 1	9 A 25	1609040000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZAP ZMAK2.5	10	1768010000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000



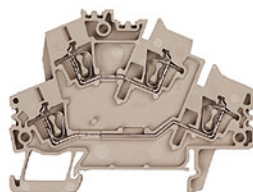
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDK 2.5-2

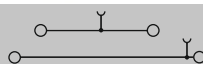
2.5 mm²

Double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 72.5 x 54.5
24 / 4
0.05...4



Ex eb II
 C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	550
24	20	25	21
2.5	AWG 30...12	AWG 30...12	4 mm ²

8 kV / 3

A2 / V-0

DEMKO16ATEX1808U

Rated connection

0.5...4
 0.5...2.5 / 0.5...1.5
 10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

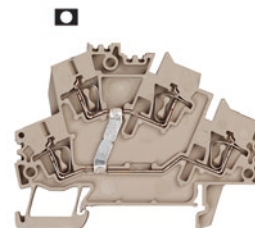
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

For detailed information on other accessories and application in the online catalogue

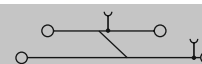
ZDK 2.5-2V

2.5 mm²

Vertical cross-connected double-level terminal



5.1 x 72.5 x 54.5
24 / 4
0.05...4



Ex eb II
 C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	300	550
24	20	25	21
2.5	AWG 30...12	AWG 30...12	4 mm ²

8 kV / 3

A2 / V-0

DEMKO16ATEX1808U

Rated connection

0.5...4
 0.5...2.5 / 0.5...1.5
 10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5-2V	50	1791030000
ZDK 2.5-2V BL	50	1791040000

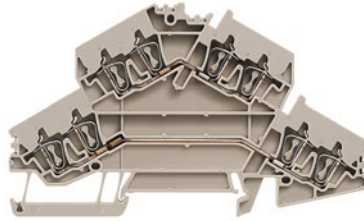
Rated voltage is reduced to 400 V when using the cross-connector.

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5-2	20	1791050000
ZAP/TW ZDK2.5-2 BL	20	1791060000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 1/4-2 GE	20	1764560000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

ZDK 2.5-2/4

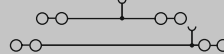
2.5 mm²

Double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²



5.1 x 104 x 62
26 / 4
0.05...4



Ex eb II
C Gb  II 2 G D

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC	UL	CSA	EN 60079-7
800	600	600	550
22	20	20	19
2.5	AWG 30...12	AWG 30...12	4 mm ²
8 kV / 3			
A2 / V-0			
® C E   DEMKO16ATEX1808U			
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Note

2.5 mm² conductor with wire-end ferrules and plastic collar, with the collar optimised for diameter only (Order No. 1333100000 + 9004080000).

Ordering data

Version
dark beige
Note

Type	Qty.	Order No.
ZDK 2.5-2/4AN	50	1394040000

Accessories

Plug-in cross-connection
2-pole
10-pole
End plate / Partition plate
dark beige
End bracket
dark beige
Test adapter
With spigot
Screwdriver
Standard
Reducing sleeves
for conductors < 0.5 mm ² / AWG 20
for conductors < 1.0 mm ² / AWG 18
Cover
With lightning flash symbol
Marking tags

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5-2/4AN	20	1394050000
ZEW 35	20	9540000000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDS 0.6X3.5X100	1	2749340000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 1/4-2 GE	20	1764560000
SNAPMARK I	50	1805880000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

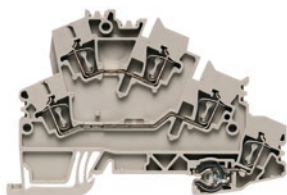
For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDKPE 2.5-2

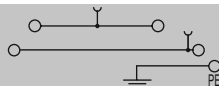
2.5 mm²Double-tier terminal with one-sided
PE connection

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 89.5 x 59.5

24 / 4

0.05...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600	300	
24	20	25	
2.5	AWG 26...12	AWG 30...12	
8 kV / 3			
A2 / V-0			

CE, RoHS, REACH

Rated connection

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

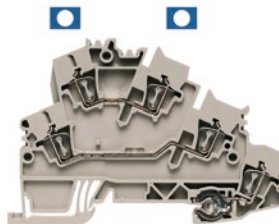
Version
dark beige
Note

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
End plate / Partition plate	
dark beige	
End bracket	
dark beige	
Test adapter	
With spigot	
Screwdriver	
Standard	
With "swifty set" cutting device	
Reducing sleeves	
for conductors < 0.5 mm ² / AWG 20	
for conductors < 1.0 mm ² / AWG 18	
Cover	
With lightning flash symbol	
Marking tags	

For detailed information on other accessories and application in the online catalogue

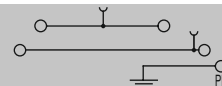
ZDKPE 2.5-2/N/L/PE

2.5 mm²Double-tier terminal with one-sided
PE connection

5.1 x 89.5 x 59.5

24 / 4

0.05...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600		
24	20		
2.5	AWG 26...12		
8 kV / 3			
A2 / V-0			

CE, RoHS, REACH

Rated connection

0.5...4
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDKPE 2.5-2/N/L/PE	50	1895700000
Rated voltage is reduced to 400 V when using the cross-connector.		

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDKPE2.5-2	25	1805960000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
SWIFTY SET	1	9006060000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 1/4-2 GE	20	1764560000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

ZDK 4-2

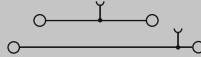
4 mm²

Double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 77.6 x 60
32 / 6
0.13...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

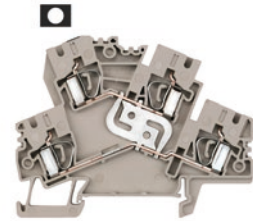
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
Marking tags	

For detailed information on other accessories and application in the online catalogue

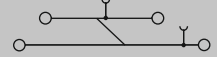
ZDK 4-2 V

4 mm²

Vertical cross-connected double-level terminal



6.1 x 77.6 x 60
32 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	25	30	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...6			
0.5...4			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
ZDK 4-2 V	50	8671080000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZAD 1/4	20	1609110000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000





Spring connection with tension clamp technology (Z-Series) Feed-through terminal blocks

ZDK 4-2 DU/PE

4 mm²

Phase - PE conductor



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 77.6 x 60	
32 / 6	
0.13...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
dark beige	
Blue	
Note	

Accessories

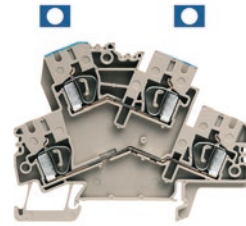
Plug-in cross-connection	
2-pole	
10-pole	
End plate / Partition plate	
dark beige	
End bracket	
dark beige	
Test adapter	
With spigot	
Screwdriver	
Standard	
Cover	
With lightning flash symbol	
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZDK 4-2/N/L

4 mm²

Double-level terminal



6.1 x 77.6 x 60	
32 / 6	
0.13...6	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		
32	25		
4	AWG 26...10		
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			
Note			

Type	Qty.	Order No.
ZDK 4-2/N/L	50	1905170000
Upper level printed blue		

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZAD 1/4	20	1609110000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

ZDK 4-2/2AN

4 mm²

Double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

8.1 x 78 x 60
/ 6
0.13...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
800			
32			
4	AWG 26...10		
	/ 3		
	A3 / V-0		
Rated connection			
0.5...6			
0.5...4			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version
dark beige
Note

Type	Qty.	Order No.
ZDK 4-2/2AN	50	1119700000
Note		

Accessories

Cover
With lightning flash symbol
End bracket
dark beige
Test adapter
With spigot
Screwdriver
Standard
Marking tags

Type	Qty.	Order No.
ZAD 1/4	20	1609110000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A	25
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000

For detailed information on other accessories and application in the online catalogue



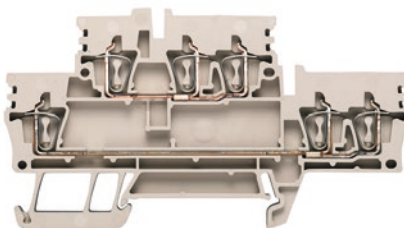
Spring connection with tension clamp technology (Z-Series)

Feed-through terminal blocks

ZDK 2.5/3AN

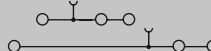
2.5 mm²

Double-level terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 93 x 50.5
24 / 4
0.05...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	440
24	20	24	21
2.5	AWG 30...12	AWG 30...12	2.5 mm ²

8 kV / 3
 A2 / V-0

DEMKO16ATEX1729U

Rated connection	
0.5...4 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

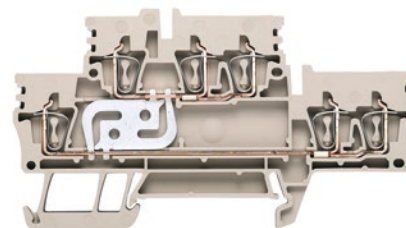
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

For detailed information on other accessories and application in the online catalogue

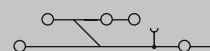
ZDK 2.5/3AN V

2.5 mm²

Vertical cross-connected double-level terminal



5.1 x 93 x 50.5
24 / 4
0.05...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	440
24	20	24	20
2.5	AWG 30...12	AWG 30...12	2.5 mm ²

8 kV / 3
 A2 / V-0

DEMKO16ATEX1729U

Rated connection	
0.5...4 / 0.5...2.5	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/3AN V	50	1924490000
ZDK 2.5/3AN V BL	50	1924480000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK 2.5/3AN	20	1924910000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
SNAPMARK I	50	1805880000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

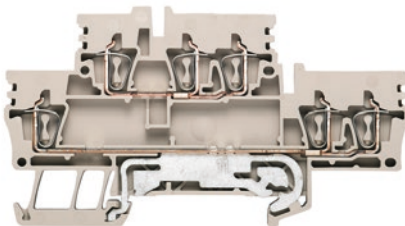
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

ZDK 2.5/3AN DU-PE

2.5 mm²

Double-level terminal (DU-PE)



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	Green/yellow
Note	

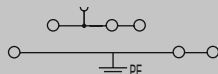
Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	Standard
	With spigot
Screwdriver	
	Standard
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
Cover	
	With lightning flash symbol
Marking tags	

5.1 x 93 x 50.5

31 / 4

0.05...4



Ex eb II
C Gb



II 2 G D

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	300	300	440
24	20	24	21
2.5	AWG 30...12	AWG 30...12	2.5 mm ²
8 kV / 3			
A2 / V-0			

CE CCC ENEC

DEMKO16ATEX1729U

Rated connection

0.5...4 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/3AN DU-PE	50	1924460000

Type	Qty.	Order No.
ZQV 2.5/2	24 A	60
ZQV 2.5/10	24 A	20
ZAP/TW ZDK 2.5/3AN	20	1924910000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A	25
ZTA ZT2.5/ZA	17.5 A	25
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
SNAPMARK I	50	1805880000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).



Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZPEA 2.5-2

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 35 x 30	
/ 4	
0.13...4	

Ex eb II
C Gb



II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm ²
500			
6			
300 A (2.5 mm ²)			
3			
A2 / V-0			

CE CB CB CB CB CB

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

TS 15 - sliced construction

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

Clamped conductors (H05V/H07V)

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version
Green/yellow
Note

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige beige
Test adapter	Standard With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZPEA 2.5-2N

2.5 mm²

Two connections



5.1 x 42.5 x 35	
/ 4	
0.13...4	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	
800			
8			
300 A (2.5 mm ²)			
3			
A2 / V-0			

CE CB CB CB CB CB

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

TS 15 - sliced construction

Type	Qty.	Order No.
ZPEA 2.5-2N	50	1808210000

Type	Qty.	Order No.
ZAP/TW ZDUA2.5-2N	50	1808170000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

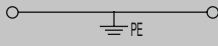
ZPEB 2.5-2

2.5 mm²

Two connections



5.1 x 33.5 x 31
/ 4
0.13...4



IEC 60947-7-2

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A2 / V-0			

Rated connection

0.5...4
0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

TS 15 - block construction

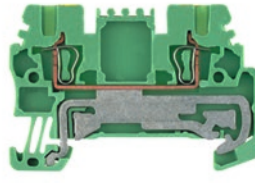
Type	Qty.	Order No.
ZPEB 2.5-2	100	1712810000

Type	Qty.	Order No.
ZAP ZDUB	50	1704750000
ZEW 15	20	7920340000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

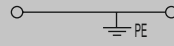
ZPE 1.5

1.5 mm²

Two connections



3.5 x 54.5 x 36.5
/ 1.5
0.05...1.5



IEC 60947-7-2

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
6			
180 A (1.5 mm ²)			
3			
B1 / V-0			

Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
0.5...0.75

10 / 0.4 x 2.0 mm

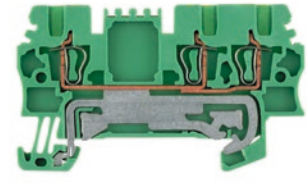
Type	Qty.	Order No.
ZPE 1.5	50	1775510000

Type	Qty.	Order No.
ZAP/TW ZDU1.5/2AN	20	1776030000
ZEW 35	20	9540000000
ZTA 5	13.5 A	25 1776210000
ZTA 5/ZA	13.5 A	25 1776220000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

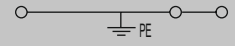
ZPE 1.5/3AN

1.5 mm²

Three connections



3.5 x 63 x 36.5
/ 1.5
0.05...1.5



IEC 60947-7-2

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
500			
6			
180 A (1.5 mm ²)			
3			
B1 / V-0			

Rated connection

0.5...1.5
0.5...1.5 / 0.5...1.5
0.5...0.75

10 / 0.4 x 2.0 mm

Type	Qty.	Order No.
ZPE 1.5/3AN	50	1775560000

Type	Qty.	Order No.
ZAP/TW ZDU1.5/3AN	20	1776060000
ZEW 35	20	9540000000
ZTA 5	13.5 A	25 1776210000
ZTA 5/ZA	13.5 A	25 1776220000
SDS 0.4X2.0X60	1	2749260000
ZRH 1.5S/1	500	1781950000
DEK 5/3.5 MC NE WS	500	1755270000
WS 12/3.5 MC NE WS	600	1778270000
DEK 5/3.5 MM WS	1000	2007100000

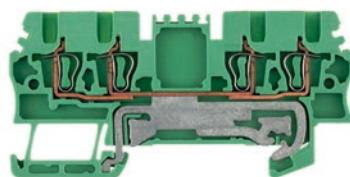
Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZPE 1.5/4AN

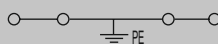
1.5 mm²

Four connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

3.5 x 75.5 x 36.5
/ 1.5
0.05... 1.5



Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

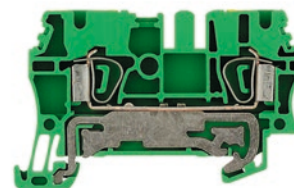
End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	Standard With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

For detailed information on other accessories and application in the online catalogue

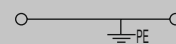
ZPE 2.5


2.5 mm²

Two connections



5.1 x 63 x 38.5
/ 4
0.05... 4



IEC 60947-7-2	Ex eb II C Gb	 II 2 G D	
IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	4 mm²
800			
8			
	300 A (2.5 mm²)		
	3		
	A3 / V-0		

Rated connection	
0.5... 4	
0.5... 4 / 0.5... 2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZPE 2.5	50	1608640000

Type	Qty.	Order No.
ZAP/TW 1	50	1608740000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/VO	1000	1614290000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

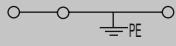
ZPE 2.5/3AN

2.5 mm²

Three connections



5.1 x 64.5 x 38.5
/ 4
0.05...4



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			

Rated connection

0.5...4
0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

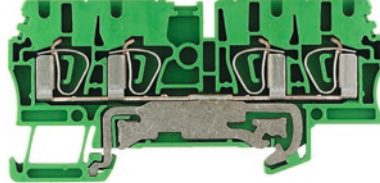
Type	Qty.	Order No.
ZPE 2.5/3AN	50	1608650000

Type	Qty.	Order No.
ZAP/TW 2 DB	50	1608770000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

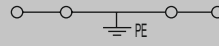
ZPE 2.5/4AN

2.5 mm²

Four connections



5.1 x 79.5 x 38.5
/ 4
0.05...4



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 26...12	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			

Rated connection

0.5...4
0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 2.5/4AN	50	1608660000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZEW 35	20	9540000000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

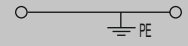
ZPE 4

4 mm²

Two connections



6.1 x 64 x 43
/ 6
0.13...6



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			

Rated connection

0.5...6 / 1.5...6
0.5...6 / 0.5...4

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4	50	1632080000

Type	Qty.	Order No.
ZAP/TW 4	50	1632090000
ZEW 35	20	9540000000
ZTA 2 ZDU4	9 A 25	1609060000
ZTA 2/ZA ZDU4	9 A 25	1609070000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZPE 4/3 AN

4 mm²

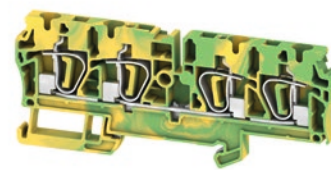
Three connections



ZPE 4/4 AN

4 mm²

Four connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

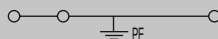
Ordering data

Version	Green/yellow
Note	

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	Standard With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

6.1 x 85.5 x 43	
/ 6	
0.13...6	



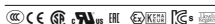
Ex eb II
C Gb



II 2 G D

IEC 60947-7-2

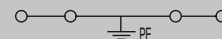
IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			



Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

6.1 x 104.5 x 43	
/ 6	
0.13...6	



Ex eb II
C Gb



II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			



Rated connection

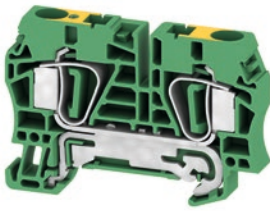
0.5...6 / 0.5...6
0.5...6 / 0.5...4
12 / 0.6 x 3.5 mm

For detailed information on other accessories and application in the online catalogue

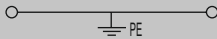
ZPE 6

6 mm²

Two connections



8.1 x 65 x 45
/ 10
0.22...10



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	10 mm ²
800			
8			
720 A (6 mm ²)			
3			
A5 / V-0			



Rated connection

0.5...10 / 1.5...10

0.5...10 / 0.5...6

13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 6	50	1608670000

Type	Qty.	Order No.
ZAP/TW 5	50	1608830000
ZEW 35	20	9540000000
ZTA 3 ZDU6	9 A 25	1654050000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6 MC NE WS	600	1609900000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

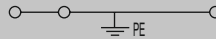
ZPE 6/3 AN

6 mm²

Three connections



8.1 x 90 x 45
/ 10
0.22...10



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	6 mm ²
800			
8			
720 A (6 mm ²)			
3			
A5 / V-0			



Rated connection

0.5...10 / 1.5...10

0.5...10 / 0.5...6

13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 6/3AN	50	7907400000

Type	Qty.	Order No.
ZAP/TW6/3AN	20	7907370000
ZEW 35	20	9540000000
ZTA 3 ZDU6	9 A 25	1654050000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6 MC NE WS	600	1609900000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

Spring connection with tension clamp technology (Z-Series) PE terminal blocks

ZPE 10

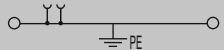
10 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

10.1 x 73.5 x 49.5	
/ 16	
1.31...16	



Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

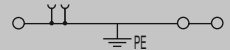
ZPE 10/3 AN

10 mm²

Three connections



10.1 x 99 x 49.5	
/ 16	
1.31...16	



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10 mm ²
800			
8			
1200 A (10 mm ²)			
3			
A6 / V-0			
Rated connection			
1.5...16 / 1.5...16			
1.5...10 / 1.5...10			
18 / 1.0 x 5.5 mm			

Note

Ordering data

Type	Qty.	Order No.
ZPE 10/3AN	20	1767670000

Type	Qty.	Order No.
ZAP/TW 10/16	20	1749580000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

For detailed information on other accessories and application in the online catalogue

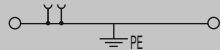
ZPE 16

16 mm²

Two connections



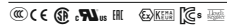
12.1 x 82.5 x 50.5
/ 25
1.5...25



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14...6	AWG 14...4	16 mm ²
800			
8			
1920 A (16 mm ²)			
3			
A7 / V-0			



Rated connection

1.5...16 / 1.5...25
1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 16	25	1745250000

Type	Qty.	Order No.
ZAP/TW ZDU16	20	1745150000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

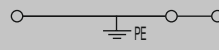
ZPE 16/3AN

16 mm²

Three connections



12.1 x 99 x 50.5
/ 25
1.5...25



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...4	16 mm ²
800			
8			
1920 A (16 mm ²)			
3			
A7 / V-0			



Rated connection

1.5...16 / 1.5...25
1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

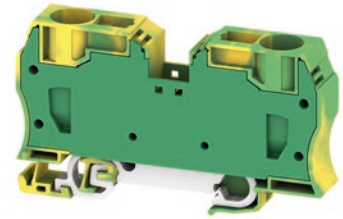
Type	Qty.	Order No.
ZPE 16/3AN	20	1768310000

Type	Qty.	Order No.
ZAP/TW 10/16	20	1749580000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

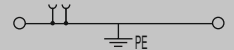
ZPE 35

35 mm²

Two connections



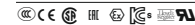
16 x 100.5 x 58.5
/ 35
2.5...35



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	35 mm ²
800			
8			
4200 A (35 mm ²)			
3			
A8 / V-0			



Rated connection

2.5...16 / 2.5...35
2.5...35 / 2.5...35

25 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 35	10	1739650000

Integrated end plate.

Type	Qty.	Order No.
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 15/5 MC NE WS	480	1609880000

The plug-in cross-connections ZDV 16/2 (1739690000) can be used.

The plug-in cross-connections ZDV 35/2 (1739700000) can be used.

Spring connection with tension clamp technology (Z-Series) PE terminal blocks

ZPE 2.5-2

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 43.5	
/ 4	
0.13...4	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZPE 2.5-2/3AN

2.5 mm²

Three connections



5.1 x 50.5 x 43.5	
/ 4	
0.13...4	

IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...14	4 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A2 / V-0			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZPE 2.5-2/3AN	50	1706090000

Type	Qty.	Order No.
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

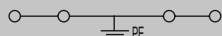
ZPE 2.5-2/4AN

2.5 mm²

Four connections



5.1 x 50.5 x 43.5
/ 4
0.13...4



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...14	4 mm ²
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

Rated connection

0.5...4
0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZPE 2.5-2/4AN	50	1706100000

Type	Qty.	Order No.
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

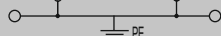
ZPE 4-2/2AN

4 mm²

Two connections



6.1 x 61.5 x 45.5
/ 6
0.13...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
	480 A (4 mm ²)		
	3		
	A3 / V-0		

Rated connection

0.5...6
0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4-2/2AN	50	1770380000

Type	Qty.	Order No.
ZAP ZDU4-2	50	1770400000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

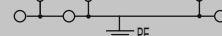
ZPE 4-2/3AN

4 mm²

Three connections



6.1 x 61.5 x 45.5
/ 6
0.13...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
	480 A (4 mm ²)		
	3		
	A3 / V-0		

Rated connection

0.5...6
0.5...4 / 0.5...4

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 4-2/3AN	50	1770390000

Type	Qty.	Order No.
ZAP ZDU4-2	50	1770400000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 4/1 WS	1000	1636640000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZPE 4-2/4 AN

4 mm²

Four connections



ZPE 6-2/2AN

6 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

6.1 x 75 x 45.5	
/ 6	
0.13...6	



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
	480 A (4 mm ²)		
	3		
	A3 / V-0		

Rated connection

0.5...6
0.5...4 / 0.5...4
10 / 0.6 x 3.5 mm

8.1 x 68 x 49.19	
/ 10	
0.22...10	



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	10 mm ²
800			
8			
	720 A (6 mm ²)		
	3		
	A5 / V-0		

Rated connection

0.5...10
0.5...10 / 0.5...6
12 / 0.6 x 3.5 mm

For detailed information on other accessories and application in the online catalogue

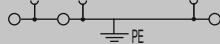
ZPE 6-2/3AN

6 mm²

Three connections



8.1 x 68 x 49.19
/ 10
0.22...10



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
6	AWG 22...8	AWG 20...8	10 mm ²
800			
8			
720 A (6 mm ²)			
3			
A5 / V-0			

Rated connection

0.5...10
0.5...10 / 0.5...6

12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZPE 6-2/3AN	50	1771360000

Type	Qty.	Order No.
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
ZTA 7/ZA	9 A 25	1780670000
SDIS SLIM 0.8X4.0X100	1	2749620000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

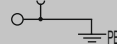
ZPE 16-2/1AN

16 mm²

Supply terminal - PE



12 x 65 x 50.5
/ 25
1.5...25



In accordance with IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 26...14	
800			
8			
1920 A (16 mm ²)			
3			
A7 / V-0			

Rated connection

1.5...10 / 16...25
1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

Rated voltage is reduced to 400 V or the IP rated voltage of the distribution terminals.

Type	Qty.	Order No.
ZPE 16-2/1AN	20	1772960000

Type	Qty.	Order No.
ZAP/Z...16-2/1AN	10	1772970000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/8 MC NE WS	800	1856740000

The plug-in cross-connections ZQV 2.5/... ZQV 4/... and ZQV 6/... can be used.



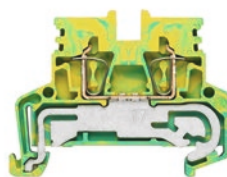
Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZPE 2.5N

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 38.5
/ 4
0.05...4



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5 mm ²
800			
6			
300 A (2.5 mm ²)			
3			
A2 / V-0			

Rated connection

0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

Clamped conductors (H05V/H07V)

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	Standard With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

For detailed information on other accessories and application in the online catalogue

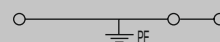
ZPE 2.5N/3AN

2.5 mm²

Three connections



5.1 x 56.5 x 38.5
/ 4
0.05...4



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	4 mm ²
800			
6			
300 A (2.5 mm ²)			
3			
A2 / V-0			

Rated connection

0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZPE 2.5N/3AN	50	1933770000

Type	Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/3AN	50	1933800000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A	25 1827080000
ZTA ZT2.5/ZA	17.5 A	25 1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000
WS 8/5 MM WS	800	2007150000

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

ZPE 2.5N/4AN 2.5 mm²

Four connections



5.1 x 60 x 38.5
/ 4
0.05...4

IEC 60947-7-2

Ex eb II
C Gb

II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5 mm²
800			
6			
300 A (2.5 mm²)			
3			
A2 / V-0			

Rated connection
0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZPE 2.5N/4AN	50	1933780000

Type	Qty.	Order No.
ZAP/TW ZDU/ZPE 2.5N/4AN	50	1933810000
ZEW 35	20	9540000000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 M MC NE WS	720	1792000000
WS 8/5 MM WS	800	2007150000

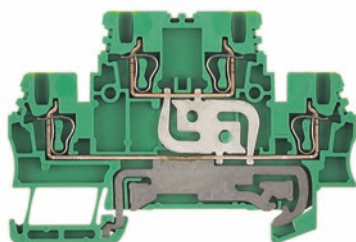
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).



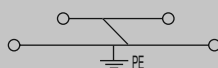
PE terminal blocks

1.5 mm²

Double-level terminal

















































































































































/ 1.5
0.05...1.5



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1.5	AWG 28...16	AWG 28...16	
500			
6			
	180 A (1.5 mm ²)		
	3		
	B1 / V-0		

CE                                                                                                                                              

Rated connection
0.5...1.5
0.5...1.5 / 0.5...1.5
0.5...0.75
10 / 0.4 x 2.0 mm

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

Clamped conductors (H05V/H07V)

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

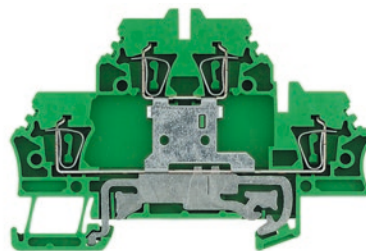
Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Screwdriver	Standard
Marking tags	

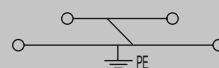
For detailed information on other accessories and application in the online catalogue

2.5 mm²

Vertically cross-connected




/ 2.5
0.05...2.5



IEC 60947-7-2

Ex eb II
C Gb  II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...14	AWG 26...12	2.5 mm²
500			
6			
	300 A (2.5 mm²)		
	3		
	A2 / V-0		



Rated connection
0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5PE	50	1690000000

Type	Qty.	Order No.
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZAD 9/4	20	1934160000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 PLUS MC NE GE	1000	1907520000
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

ZDK 2.5-2PE

2.5 mm²

Four connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 72.5 x 54.5	
/ 4	
0.05...4	

Ex eb II
C Gb



II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 30...12	4 mm ²
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

CE CB CB CB CB CB

Rated connection

0.5...4

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZDK 4-2 PE

4 mm²

Four connections



6.1 x 77.6 x	
/ 6	
0.13...6	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	
800			
8			
	480 A (4 mm ²)		
	3		
	A3 /		

CE CB CB CB CB CB

Rated connection

0.5...6

0.5...4

10 / 0.6 x 3.5 mm

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	With spigot Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Cover	With lightning flash symbol
Screwdriver	Standard
Marking tags	

Type	Qty.	Order No.
ZDK 2.5-2PE	50	1791010000
ZAP/TW ZDK2.5-2	20	1791050000
ZEW 35	20	9540000000
ZTA 4	11 A 25	1688110000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
SDS 0.5X3.0X80	1	2749330000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZDK 4-2 PE	50	8671050000
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
ZTA 6/ZA	17.5 A 25	1780660000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

For detailed information on other accessories and application in the online catalogue

Spring connection with tension clamp technology (Z-Series)

PE terminal blocks

ZDK 2.5/3AN PE

2.5 mm²

Double-level terminal

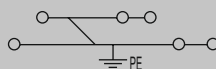


Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 93 x 50.5

/ 4

0.05...4



Ex eb II
C Gb



II 2 G D

IEC 60947-7-2

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

IEC	UL	CSA	EN 60079-7
2.5	AWG 30...12	AWG 30...12	2.5 mm ²
800			
8			
	300 A (2.5 mm ²)		
	3		
	A2 / V-0		

CE CB eNEC

Rated connection

0.5...4 / 0.5...2.5

0.5...2.5 / 0.5...2.5

10 / 0.6 x 3.5 mm

Note

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	Green/yellow
Note	

Type	Qty.	Order No.
ZDK 2.5/3AN PE	50	1924470000

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Test adapter	Standard With spigot
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Marking tags	

Type	Qty.	Order No.
ZAP/TW ZDK 2.5/3AN	20	1924910000
ZEW 35/2	20	8630740000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
SNAPMARK I	50	1805880000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).





Spring connection with tension clamp technology (Z-Series) Fuse terminal blocks

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

Ordering data

Version	500 V AC/DC, without LED
Note	

Accessories

Plug-in cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	dark beige
	dark beige
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

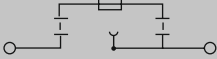
ZSI 2.5

For metric fuses 5 x 20 mm

2.5 mm²



7.9 x 79.5 x 73	
6.3 / 4	
0.13...4	



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	600 (C)	
6.3	10	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
0.6 x 3.5 mm			
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.			

Type	Qty.	Order No.
ZSI 2.5	50	1616400000
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 3	50	1608800000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

ZSI 2.5

Overload and short-circuit protection

Type	Order No.
ZSI 2.5	1616400000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	52 °C	4.0 W / 6.3 A	27 °C	2.5 W / 2.5 A
In combination	55 °C	2.5 W / 6.3 A	41 °C	1.6 W / 6.3 A

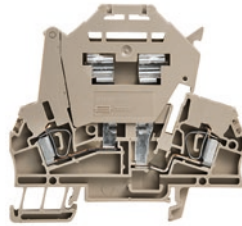
For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED.

ZSI 2.5/QV

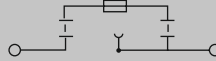
2.5 mm²

For metric fuses 5 x 20



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

7.9 x 79.5 x 73
6.3 / 4
0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400			
6.3			
2.5			
6 kV / 3			
V-0			

CE

Rated connection

0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Ordering data

Version
dark beige
Note

Type	Qty.	Order No.
ZSI 2.5/QV	50	1799470000
For fuse cartridge holders the rated voltage is 250 V and the rated impulse withstand voltage 4 kV.		

Accessories

Plug-in cross-connection
2-pole
4-pole
End plate / Partition plate
dark beige
dark beige
Screwdriver
Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)
0.25 A fast
0.50 A fast
1.00 A fast
2.00 A fast
Marking tags

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 3	50	1608800000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED.



Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

ZSI 2.5 LED

2.5 mm²

For metric fuses 5 x 20 mm

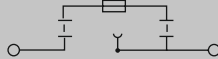


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

7.9 x 79.5 x 73

6.3 / 4

0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

Accessories

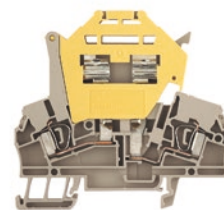
Plug-in cross-connection	
	2-pole
	4-pole
End plate / Partition plate	
	dark beige
	dark beige
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
G25 with indicator / imperial (inch) fuse	
	0.50 A medium slow / 2 A
	1.00 A medium slow / 3 A
	2.00 A fast / 5 A
	4.00 A fast / 10 A
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZSI 2.5/5x25

2.5 mm²

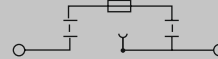
For metric fuses 5 x 25 mm



7.9 x 79.5 x 73

6.3 / 4

0.13...4



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
2.5			
	6 kV / 3		
	V-0		
Rated connection			
0.5...4			
0.5...4			
0.6 x 3.5 mm			
Note			
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.			

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	V-0		
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
0.6 x 3.5 mm			
Note			
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.			

Type	Qty.	Order No.
ZSI 2.5/LD 28AC	50	1616440000
ZSI 2.5/LD 60AC	50	1616430000
ZSI 2.5/LD 120AC	50	1616420000
ZSI 2.5/LD 250AC	50	1616410000
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Type	Qty.	Order No.
ZSI 2.5/5X25	50	1730900000
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 3	50	1608800000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Status display using a bi-directional LED.

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP/TW 3	50	1608800000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 25/0.50A/M WS	0.5 A 10	0510300000
G 25/1.00A/M RT	1 A 10	0265800000
G 25/2.00A/F BL	2 A 10	0192700000
G 25/4.00A/F BR	4 A 10	0192800000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

ZSI 2.5/2

2.5 mm²

For imperial fuses

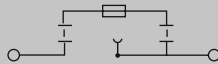
ZSI 2.5/2

Overload and short-circuit protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 79.5 x 73
12 / 4
0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	600 (C)	600 (C)	
12	16	15	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			

CE ENEC UL

Rated connection	
0.5...4	
0.5...4 / 0.5...2.5	
0.6 x 3.5 mm	
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.	

Ordering data

Version
500 V AC/DC, without LED
Note

Type	Qty.	Order No.
ZSI 2.5/2 500AC	10	1616460000
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Accessories

Plug-in cross-connection	
2-pole	
4-pole	
End plate / Partition plate	
dark beige	
Screwdriver	
Standard	
G25 with indicator / imperial (inch) fuse	
4.00 A fast / 10 A	
Marking tags	

Type	Qty.	Order No.
ZQS 2.5/2	24 A 20	1633200000
ZQS 2.5/4	24 A 20	1633220000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
GZ 10.0A/F	10	1460640000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Type	Order No.
ZSI 2.5/2 500AC	1616460000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	46 °C	4.0 W / 10.0 A	40 °C	2.5 W / 2.5 A
In combination	72 °C	2.5 W / 2.5 A	29 °C	2.5 W / 2.5 A

For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED. With use of inch fuse cartridges.



Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

ZSI 2.5/2 LED

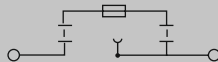
2.5 mm²

For imperial fuses



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 79.5 x 73
12 / 4
0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
12			
2.5	AWG 26...12	AWG 26...12	
			6 kV / 3
			V-0

CE, ENEC, TUV, VDE, UL

Rated connection

0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

Max. power loss (1.6 W) at the cartridge fuse limits the rated current.

Ordering data

Version
10-36 V AC/DC, with LED
60-150 V AC/DC, with LED
140-250 V AC/DC, with LED
Note

Type	Qty.	Order No.
ZSI 2.5/2/LD 28AC	10	1616470000
ZSI 2.5/2/LD 120AC	10	1616490000
ZSI 2.5/2/LD 250AC	10	1616500000
The rated voltage for cartridge fuse holders is 250 V and the rated impulse voltage 4 kV.		

Accessories

Plug-in cross-connection
2-pole
4-pole
End plate / Partition plate
dark beige
Screwdriver
Standard
G25 with indicator / imperial (inch) fuse
4.00 A fast / 10 A
Marking tags

Type	Qty.	Order No.
ZQS 2.5/2	24 A 20	1633200000
ZQS 2.5/4	24 A 20	1633220000
ZAP TNHE/ZSI2.5	25	1610840000
SDIS SLIM 0.6X3.5X100	1	2749610000
GZ 10.0A/F	10	1460640000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED. With use of inch fuse cartridges.



Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

ZSI 2.5 2x2 AN

2.5 mm²

For metric fuses 5 x 20



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

12.2 x 68 x 55
10 / 4
0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	10	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
V-0			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
0.6 x 3.5 mm			
The rated voltage of the fuse must not be exceeded. According to UL & CSA 600 V / 5 A.			

Ordering data

Version
500 V AC/DC, without LED
Note

Accessories

Plug-in cross-connection
2-pole
End plate / Partition plate
End plate, Wemid
Screwdriver
Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)
0.25 A fast
0.50 A fast
1.00 A fast
2.00 A fast
Marking tags
G25 with indicator / imperial (inch) fuse
0.50 A medium slow / 2 A
1.00 A medium slow / 3 A
2.00 A fast / 5 A
4.00 A fast / 10 A

For detailed information on other accessories and application in the online catalogue

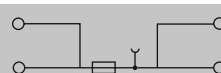
ZSI 2.5 2x2 AN

2.5 mm²

For metric fuses 5 x 25



12.2 x 68 x 55
10 / 4
0.13...4



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	10	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
V-0			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
0.6 x 3.5 mm			
The rated voltage of the fuse must not be exceeded. UL & CSA D = 600 V / 5 A			

Type	Qty.	Order No.
ZSI 2.5-2/2X2AN/G25	20	1826200000
G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 G25 LED versions on request		

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZAP ZDU6-2 SW	50	1814710000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
G 25/0.50A/M WS	0.5 A 10	0510300000
G 25/1.00A/M RT	1 A 10	0265800000
G 25/2.00A/F BL	2 A 10	0192700000
G 25/4.00A/F BR	4 A 10	0192800000

ZSI 2.5-2

Overload and short-circuit protection

ZSI 2.5-2 / G20

Type	Order No.
ZSI 2.5-2/2X2AN/G20	1826050000
ZSI 2.5-2/2X2AN/G20/GL	1826030000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual			39 °C	2.5 W / 6.3 A
In combination			41 °C	1.6 W / 6.3 A

ZSI 2.5-2 / G25

Type	Order No.
ZSI 2.5-2/2X2AN/G25	1826200000
ZSI 2.5-2/2X2AN/G25/GL	1826090000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	60 °C			
In combination	47 °C			



Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

ZSI 2.5 2x2 AN LED

2.5 mm²

For metric fuses 5 x 20

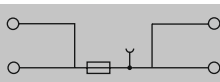


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

12.2 x 68 x 55

10 / 4

0.13...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)		
10	10		
2.5	AWG 26...12	AWG 26...12	
		4 kV / 3	
		V-0	

CE ENEC

Rated connection

0.5...4
0.5...4 / 0.5...2.5
0.6 x 3.5 mm

The rated voltage of the fuse must not be exceeded. According to UL & CSA 600 V / 5 A.

Ordering data

Version
10-36 V AC/DC, with LED
60-150 V AC/DC, with LED
140-250 V AC/DC, with LED
Note

Type	Qty.	Order No.
ZSI 2.5-2/2X2AN/G20/LD1	20	1867440000
ZSI 2.5-2/2X2AN/G20/LD3	20	1867420000
ZSI 2.5-2/2X2AN/G20/LD4	20	1879730000
G 20 = G cartridge fuse 5 x 20 / G 25 = G cartridge fuse 5 x 25 G 25 LED versions on request		

Accessories

Plug-in cross-connection
2-pole
End plate / Partition plate
End plate, Wemid
Screwdriver
Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)
0.25 A fast
0.50 A fast
1.00 A fast
2.00 A fast
Marking tags

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZAP ZDU6-2 SW	50	1814710000
SDIS SLIM 0.6X3.5X100	1	2749610000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue



Spring connection with tension clamp technology (Z-Series) Fuse terminal blocks

ZSI 6-2

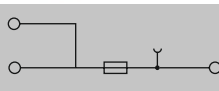
6 mm²

For metric fuses 5 x 20



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

12.2 x 68 x 55
10 / 10
0.13...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	10	10	
6	AWG 26...12	AWG 26...8	
		4 kV / 3	
		V-0	

CE RoHS REACH

Rated connection	
0.5...10	0.5...4
0.5...10 / 0.5...6	0.5...4 / 0.5...2.5
0.6 x 3.5 mm	

The rated voltage of the fuse must not be exceeded. According to IEC 600 V / 5 A.
A 3 terminal points AWG 26-12, A 5 terminal points AWG 20-8.

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

Type	Qty.	Order No.
ZSI 6-2 2X2.5/G20	20	1820930000
G 20 = G cartridge fuse 5 x 20 / G 25 = G cartridge fuse 5 x 25 G 25 LED versions on request		

Accessories

Plug-in cross-connection	
	2-pole
End plate / Partition plate	
	End plate, Wemid
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.50 A fast
	1.00 A fast
	2.00 A fast
	0.25 A fast
G25 with indicator / imperial (inch) fuse	
	2.00 A fast / 5 A
	4.00 A fast / 10 A
	1.00 A medium slow / 3 A
	0.50 A medium slow / 2 A
Marking tags	

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZAP ZDU6-2 SW	50	1814710000
SDIS SLIM 0.8X4.0X100	1	2749620000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
G 20/0.25A/F	0.25 A 10	0430500000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

For detailed information on other accessories and application in the online catalogue

ZSI 6-2

Overload and short-circuit protection

ZSI 6-2 2x2.5 / G20

Type	Order No.
ZSI 6-2 2X2.5/G20	1820930000
ZSI 6-2 2X2.5/G20/GL	1820860000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual			37 °C	2.5 W / 6.3 A
In combination			40 °C	1.6 W / 6.3 A

ZSI 6 2x2.5 / G25

Type	Order No.
ZSI 6-2 2X2.5/G25	1820950000
ZSI 6-2 2X2.5/G25/GL	1820940000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	60 °C			
In combination	47 °C			

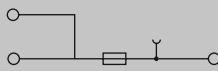
ZSI 6-2 2x2.5

6 mm²

For metric fuses 5 x 20 / 5 x 25



12.2 x 68 x 55
10 / 10
0.13...10



Width/Height/Depth mm
max. current / max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	

Note

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
140-250 V AC/DC, with LED	
Note	

Accessories

Plug-in cross-connection	
	2-pole
End plate / Partition plate	
	End plate, Wemid
Screwdriver	
	Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
0.50 A fast	
1.00 A fast	
2.00 A fast	
0.25 A fast	
G25 with indicator / imperial (inch) fuse	
2.00 A fast / 5 A	
4.00 A fast / 10 A	
1.00 A medium slow / 3 A	
0.50 A medium slow / 2 A	
Marking tags	

For detailed information on other accessories and application in the online catalogue

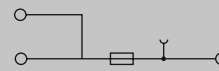
ZSI 6-2 LED

6 mm²

For metric fuses 5 x 20



12.2 x 68 x 55
10 / 10
0.13...10



IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	10	10	
6	AWG 26...12	AWG 26...8	
4 kV / 3			
V-0			
Rated connection			
0.5...10		0.5...4	
0.5...10 / 0.5...6		0.5...4 / 0.5...2.5	
0.6 x 3.5 mm			

The rated voltage of the fuse must not be exceeded. According to UL 600 V / 5 A. A3 terminal points AWG 26-12, A5 terminal points AWG 20-8.

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
10	10	10	
6	AWG 26...12	AWG 26...8	
4 kV / 3			
V-0			
Rated connection			
0.5...10		0.5...4	
0.5...10 / 0.5...6		0.5...4 / 0.5...2.5	
0.6 x 3.5 mm			

The rated voltage of the fuse must not be exceeded. Acc. to UL 600 V / 5 A. A3 terminal points AWG 26-12, A5 terminal points AWG 20-8

Type	Qty.	Order No.
ZSI 6-2 2X2.5/G25	20	1820950000
G 20 = G-fuse cartridge 5 x 20 / G 25 = G-fuse cartridge 5 x 25 G25 LED types on request		

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZAP ZDU6-2 SW	50	1814710000
SDS 0.8X4.0X100	1	2749360000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
G 20/0.25A/F	0.25 A 10	0430500000
G 25/2.00A/F BL	2 A 10	0192700000
G 25/4.00A/F BR	4 A 10	0192800000
G 25/1.00A/M RT	1 A 10	0265800000
G 25/0.50A/M WS	0.5 A 10	0510300000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Type	Qty.	Order No.
ZSI 6-2 2X2.5/G20/LD1	20	1867500000
ZSI 6-2 2X2.5/G20/LD4	20	1879750000
G 20 = G cartridge fuse 5 x 20 / G 25 = G cartridge fuse 5 x 25 G 25 LED versions on request		

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZAP ZDU6-2 SW	50	1814710000
SDIS SLIM 0.8X4.0X100	1	2749620000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
G 20/0.25A/F	0.25 A 10	0430500000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

ZSI 6-2/FC

6 mm²

For car fuses

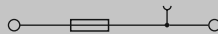


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 70 x 50

30 / 10

0.33...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	
Note	

DIN 72581-3, IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
30		25	
6	AWG 22...10	AWG 22...10	
6 kV / 3			
V-0			

CE ENEC TUV SÜD KTL

Rated connection	
0.5...10	
0.5...10 / 0.5...6	
4.0 x 0.8 mm	
Note	
Fuse continuous current max. 80 % IN.	

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
Note	

Type	Qty.	Order No.
ZSI 6-2/FC	25	1814690000
ZSI 6-2/FC LD	25	1814700000
Automotive fuses are not available from Weidmüller.		

Accessories

Pluggable cross-connection	
2-pole	
4-pole	
End plate / Partition plate	
End plate, Wemid	
Screwdriver	
Standard	
Circuit breaker ETA and car fuses*	
Rated voltage	
Rated current	A
Switching capacity	A
Protection	IP
*) Note: not possible to order from Weidmüller	
Rated current circuit breaker	A

ETA 1180



Type	current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZQV 6/4 GE	41 A	60	1627870000
ZAP ZDU6-2 SW		50	1814710000
SDIS SLIM 0.8X4.0X100		1	2749620000
Circuit breaker 1180			
65 V DC / 250 V AC			
0.1...10			
2000			
40			

Circuit breaker 1180			
	Order No.		Order No.
0.1	1278840000	2	1278970000
0.2	1278850000	2.5	1278980000
0.25	1278860000	3	1278990000
0.3	1278870000	3.5	1279010000
0.4	1278880000	4	1279020000
0.5	1278910000	5	1279030000
0.6	1278920000	6	1279040000
0.7	1278930000	7	1279050000
0.8	1278940000	8	1279060000
1	1278950000	10	1279070000
1.5	1278960000		
DEK 5/6 MC NE WS	1000		1609820000
WS 12/6 MC NE WS	600		1609900000

For detailed information on other accessories and application in the online catalogue

Status display using a bi-directional LED. With use of Pudenz fuses.

ZSI 6-2/FC

Overload and short-circuit protection

Type	Order No.
ZSI 6-2/FC	1814690000

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	24 °C	3.0 W / 30 A	*	*
In combination	28 °C	1.90 W / 24 A (30 A)**	*	*

*) Values not available

**) According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒ The 30 A fuse can be loaded to a maximum 24 A

Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1170) or alternatively car fuses

Width/Length/Height with TS35x7.5	mm
Insulating stripping length	mm

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm ²

Approvals

Other technical data	
Clamped conductors	
solid H07V-U	mm ²
stranded H07V-K	mm ²
„f“ with ferrule acc. DIN 46 228/1	mm ²
„f“ ferrules with plastic collar	mm ²
max. clamping range in mm ²	
gauge acc. to IEC 60 947-1	Size

Note

Ordering data

Type	Qty.	Order No.
ZSI 2x6/4x2.5 FC	10	1058520000

Accessories

Pluggable cross-connection	
2-pole	
3-pole	
4-pole	

End plate / partition	
ZAP black Wemid	

Screwdriver	
SD acc. to DIN 5264-A	

Circuit breaker ETA and car fuses*

Rated voltage	
Rated current	A
Switching capacity	A
Protection	IP

Rated current circuit breaker	A
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ETA 1170



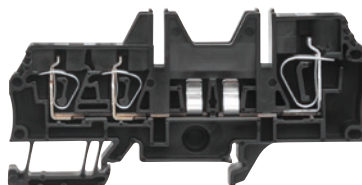
Marking systems	
(see assortment in catalogue 7)	

Marking tags	
*) Note: not possible to order from Weidmüller	

ZSI 2x6/4x2.5 FC

6/2.5 mm²

Circuit breaker ETA 1170
28 V DC



16 / 93 / 47.5	
10	

IEC	UL	CSA
500		
57		
2.5	AWG 26...12	AWG 26...12
6	AWG 20...8	AWG 20...8

Output	Input
0.5...4	0.5...10
0.5...4	0.5...10
0.5...2.5	0.5...6
0.5...2.5	0.5...6

0.08...4	0.21...10
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The maximum load of the single circuit breakers shouldn't be exceeded.

Type	Qty.	Order No.
ZSI 2x6/4x2.5 FC	10	1058520000

Type	Current	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZAP ZSI2x6/4x2.5		50	1059310000
SDIS SLIM 0.6X3.5X100		1	2749610000
SDIS SLIM 0.8X4.0X100		1	2749620000

Circuit breaker 1170	
12 V DC / 48 V DC	
3...25	
200	
40	

Circuit breaker 1170	
Colour	Order No.
3 violet	1278730000
4 pink	1278740000
5 orange	1278750000
6 green	1278760000
7.5 brown	1278770000
8 yellow	1278780000
10 red	1278790000
15 blue	1278810000
20 yellow	1278820000
25 white	1278830000

DEK 5/5 MC	
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ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

Overload and short-circuit protection

Type	Order No.
ZSI 2X6/4X2.5 FC	1058520000

Arrangement	Applications			
	ETA fuse		Automotive fuse	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	24 °C	1.68 W / 20 A (25 A)*	45 °C	1.9 W / 24 A (30 A)**
In combination	24 °C	1.68 W / 20 A (25 A)*	35 °C	1.9 W / 24 A (30 A)**

*) ETA circuit breakers 1170

According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒ The 25 A fuse can be loaded to a maximum 20 A

**) Automotive fuses in accordance with DIN 41576

According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒ The 30 A fuse can be loaded to a maximum 24 A

Spring connection with tension clamp technology (Z-Series)

Fuse terminal blocks

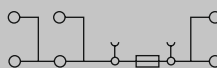
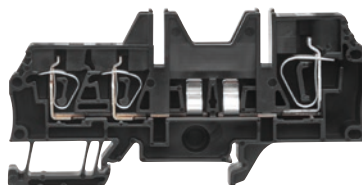
Especially suitable for utility vehicles in combination with standard car fuses and thermal circuit breakers.

- Simple fuse protection for the plant or facility
- Simplifies the wiring by using ZQV cross-connections
- Simple distribution of potentials
- Vibration-proof
- Optimised wire insertion to connect short-circuit proof cables
- Pluggable solution for ETA circuit breaker (Typ 1180)

ZSI 2x6/4x2.5

6/2.5 mm²

Circuit breaker ETA 1180
65 V DC / 250 V AC



ZSI 2X6/4X2.5 FC / ZSI 2X6/4X2.5

Overload and short-circuit protection

Width/Length/Height with TS35x7.5	mm
Insulating stripping length	mm

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
Rated cross-section	mm ²
Approvals	
Other technical data	
Clamped conductors	
solid H07V-U	mm ²
stranded H07V-K	mm ²
„f“ with ferrule acc. DIN 46 228/1	mm ²
„f“ ferrules with plastic collar	mm ²
max. clamping range in mm ²	
gauge acc. to IEC 60 947-1	Size
Note	

IEC	UL	CSA
500		
57		
2.5	AWG 26...12	AWG 26...12
6	AWG 20...8	AWG 20...8
	in work	in work
Output	Input	
0.5...4	0.5...10	
0.5...4	0.5...10	
0.5...2.5	0.5...6	
0.5...2.5	0.5...6	
0.08...4	0.21...10	
The maximum load of the single circuit breakers shouldn't be exceeded.		

Ordering data

Type	Qty.	Order No.
ZSI 2x6/4x2.5	10	1265990000
Note		

Accessories

Pluggable cross-connection	
	2-pole
	3-pole
	4-pole
End plate / partition	
	ZAP black Wemid
Screwdriver	
	SD acc. to DIN 5264-A
Circuit breaker ETA and car fuses*	
Rated voltage	
Rated current	A
Switching capacity	A
Protection	IP
Rated current circuit breaker	
	A
ETA 1180	
Marking systems	
	(see assortment in catalogue 7)
	Marking tags
*) Note: not possible to order from Weidmüller	

Type	Order No.
ZSI 2X6/4X2.5	1265990000

Arrangement	Applications	
	ETA fuse	
	T _A max.	Nominal values
Individual	24 °C	1.68 W / 20 A (25 A)*
In combination	24 °C	1.68 W / 20 A (25 A)*

*) ETA circuit breakers 1180
According to information from the manufacturer, the rated value of the fuse must be reduced to 80 % of the nominal value of the fuse. The permitted power loss is limited by the surface temperature of the fuse.
⇒ The 25 A fuse can be loaded to a maximum 20 A

Type	Qty.	Order No.
ZSI 2x6/4x2.5	10	1265990000

Type	Strom	Qty.	Order No.
ZQV 6/2 GE	41 A	60	1627850000
ZAP ZSI2x6/4x2.5		50	1059310000
SDIS SLIM 0.6X3.5X100		1	2749610000
SDIS SLIM 0.8X4.0X100		1	2749620000

Circuit breaker 1180			
65 V DC / 250 V AC			
0.1...10			
2000			
40			
Circuit breaker 1180			
	Order No.		Order No.
0.1	1278840000	2	1278970000
0.2	1278850000	2.5	1278980000
0.25	1278860000	3	1278990000
0.3	1278870000	3.5	1279010000
0.4	1278880000	4	1279020000
0.5	1278910000	5	1279030000
0.6	1278920000	6	1279040000
0.7	1278930000	7	1279050000
0.8	1278940000	8	1279060000
1	1278950000	10	1279070000
1.5	1278960000		

Marking systems	
	DEK 5/5 MC

Fuse cartridges and gauge rings for Weidmüller fuse terminal blocks

Fuse cartridges

for terminal type:
WSI 4
WSI 6
AFS 4 2C BK
PSI 6/10 SW
ZSI 2.5
ZSI 2.5-2/2X2AN/G20
ZSI 6-2 2X2.5/G20
KDKS 1/35 DB



Ordering data

G-type fuse cartridges 5 x 20 without indicator in accordance with IEC 60127-2 (VDE 0820 T.2 BI) ¹⁾						
Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
Cartridge fuse Rated breaking capacity	G-Si. 5 x 20 1.5 kA	0.1	quick-acting	G 20/0.10A/F	10	0430300000
		0.2	quick-acting	G 20/0.20A/F	10	0430400000
		0.25	quick-acting	G 20/0.25A/F	10	0430500000
		0.5	quick-acting	G 20/0.50A/F	10	0430600000
		0.63	quick-acting	G 20/0.63A/F	10	0439000000
		1	quick-acting	G 20/1.00A/F	10	0430700000
		1.6	quick-acting	G 20/1.60A/F	10	0430800000
		2	quick-acting	G 20/2.00A/F	10	0430900000
		2.5	quick-acting	G 20/2.50A/F	10	0431000000
		3.15	quick-acting	G 20/3.15A/F	10	0431100000
		4	quick-acting	G 20/4.00A/F	10	0431200000
		5	quick-acting	G 20/5.00A/F	10	0431300000
		6.3	quick-acting	G 20/6.30A/F	10	0431400000

(M) = medium time-lag; (F) = quick-acting

(M) = medium time-lag; (F) = quick-acting

Fuse cartridges

for terminal type:
WSI 6



Ordering data

G-type fuse cartridges 5 x 25 with code in acc. with DIN 41576 ¹⁾						
Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
Cartridge fuse Rated breaking capacity	G-Si. 5 x 25 80 A	0.25	medium time-lag	G 25/0.25A/M GE	10	0546900000
		0.5	medium time-lag	G 25/0.50A/M WS	10	0510300000
		0.8	medium time-lag	G 25/0.80A/M GR	10	0646400000
		1	medium time-lag	G 25/1.00A/M RT	10	0265800000
		2	quick-acting	G 25/2.00A/F BL	10	0192700000
		4	quick-acting	G 25/4.00A/F BR	10	0192800000
		6.3	quick-acting	G 25/6.30A/F GN	10	0192900000
		10	medium time-lag	G 25/10.0A/M RT	10	0193100000

(M) = medium time-lag; (F) = quick-acting

(M) = medium time-lag; (F) = quick-acting

Fuse cartridges

for terminal type:
WSI 4/2
WSI 6/2 GZ/DEF63



Ordering data

Fuse cartridges 1¼" x ¼" without indicator in acc. with BS 88						
Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
Cartridge fuse Rated breaking capacity	G-Si. 6.3 x 32 50 kA	0.5	quick-acting	GZ 0.5A/F	10	1460580000
		1	quick-acting	GZ 1.0A/F	10	1460590000
		2	quick-acting	GZ 2.0A/F	10	1460600000
		3	quick-acting	GZ 3.0A/F	10	1460610000
		5	quick-acting	GZ 5.0A/F	10	1460620000
		7	quick-acting	GZ 7.0A/F	10	1460630000
		10	quick-acting	GZ 10.0A/F	10	1460640000
		12.5	quick-acting	GZ 12.5A/F	10	1460650000
(M) = medium time-lag; (F) = quick-acting						

(M) = medium time-lag; (F) = quick-acting

Note: 1) The company SIBA supplies G-type cartridge fuses, 5 x 25 with indicator, also in marine engineering version for 450 V~.

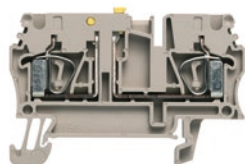
Spring connection with tension clamp technology (Z-Series)

Test-disconnect terminal blocks

ZTR 2.5

2.5 mm²

Two connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 59.5 x 38.5

20 / 4

0.05...4



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

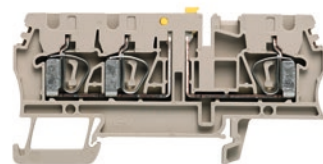
Plug-in cross-connection	
	2-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Test adapter	
	Standard
	With spigot
Disconnect plug	
	removable, as replacement for release lever
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZTR 2.5/3AN

2.5 mm²

Three connections



5.1 x 79.5 x 38.5

20 / 4

0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	600	300	
20	20	10	
2.5	AWG 30...12	AWG 26...12	
		6 kV / 3	
		A3 / V-0	

CE GS ENE

Rated connection

0.5...4

0.5...4 / 2.5...2.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

CE GS ENE

Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZTR 2.5	50	1831280000
ZTR 2.5 BL	50	8731710000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW 1	50	1608740000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
PS 2.3 RT	20	0180400000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.

Type	Qty.	Order No.
ZTR 2.5/3AN	50	8731720000
ZTR 2.5/3AN BL	50	8731730000

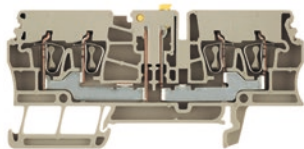
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW 3	50	1608800000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
PS 2.3 RT	20	0180400000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
ZTA 1	9 A 25	1609040000
ZTA 1/ZA	9 A 25	1609050000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.

ZTR 2.5/4AN

2.5 mm²

Four connections



5.1 x 82.5 x 38.5
16 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
2.5	AWG 30...12	AWG 26...12	
6 kV / 3			
A2 / V-0			

CE

Rated connection

0.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZTR 2.5/4AN	100	7920900000
ZTR 2.5/4AN BL	50	7920930000

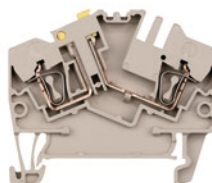
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW 3	50	1608800000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
PS 2.3 RT	20	0180400000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

If the disconnect lever is replaced by the SIHA 3, a fused terminal is created.

ZTR 2.5-2

2.5 mm²

Two connections



5.1 x 50.5 x 43.5
21 / 2.5
0.13...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
10	10	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			

CE

Rated connection

0.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZTR 2.5-2	50	1779010000
ZTR 2.5-2 BL	50	1779120000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

If the disconnect lever is replaced by the SIHA 2, a fused terminal is created.

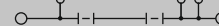
ZTR 6-2

6 mm²

Two connections



8.1 x 70 x 50
32 / 10
0.05...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	300		
32	25		
6	AWG 22...8		
8 kV / 3			
A5 / V-0			

CE

Rated connection

0.5...10 / 0.5...6

0.5...6 / 0.5...6

12 / 0.6 x 3.5 mm

With plugged ZQV, 500 V and 6 kV. If the disconnect lever is replaced by an SIHA 3, the result is a fuse terminal.

Type	Qty.	Order No.
ZTR 6-2	50	1023830000

End plate (article: 1771440000 ZAP ZDU6-2) included.

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/4 GE	41 A 60	1627870000
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
SDIS 0.6X3.5X100	1	2749810000
DEK 5/8 MC NE WS	800	1856740000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

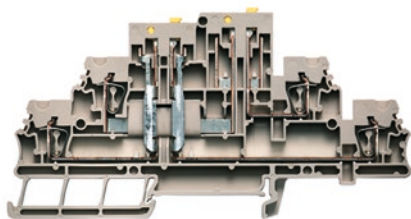
Spring connection with tension clamp technology (Z-Series)

Test-disconnect terminal blocks

ZDTR 2.5

2.5 mm²

Four connections

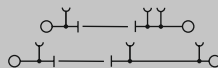


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 117 x 67

16 / 4

0.13...4



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

CE ENE

Rated connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
ZDTR 2.5	20	1745400000
ZDTR 2.5 BL	20	1798330000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse 5 x 20 mm	
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000
AP ZDTR2.5	20	1745420000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
PS 2.3 RT	20	0180400000
SIHA 2/G20 10-36V	25	9543070000
SIHA 2/G20 140-250V	25	9537640000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

If the disconnect lever is replaced by the SIHA 2 (only on the top level), a fused terminal is created.



WeiCoS pluggable terminal block system

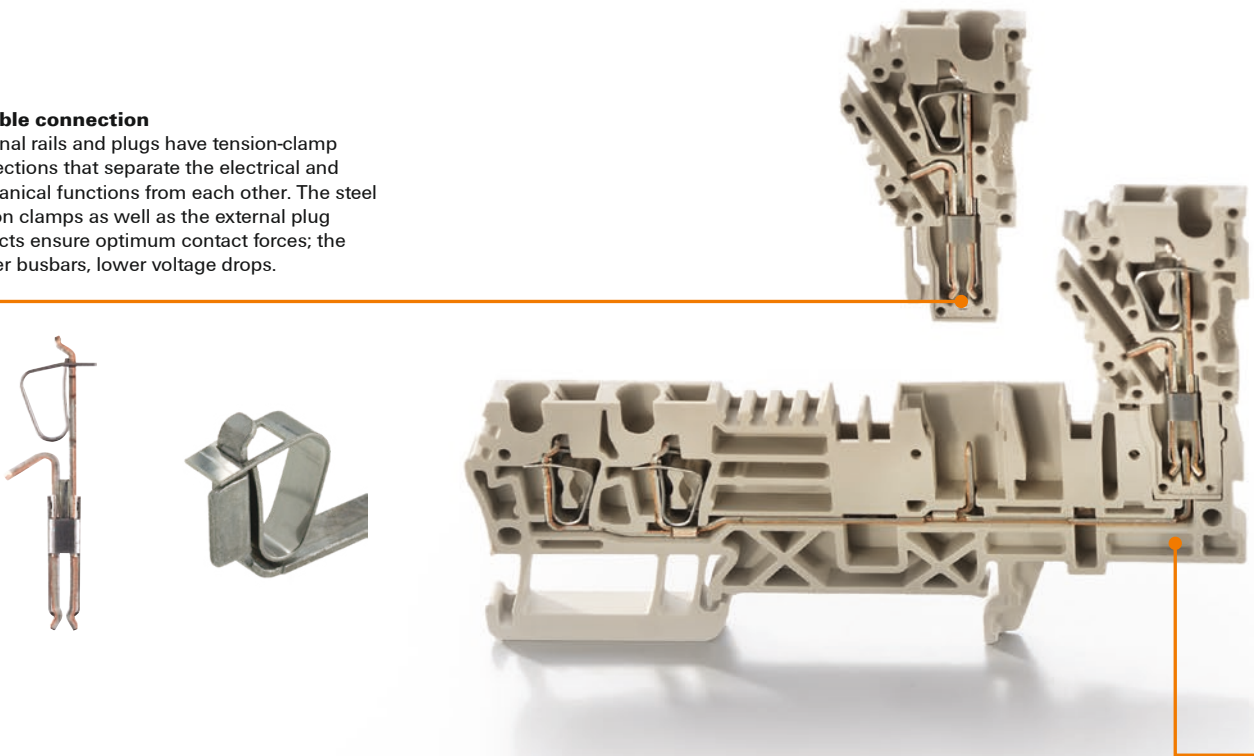
Connecting prefabricated functional units with speed and versatility

Our pluggable terminal rails with tension-clamp connections enable you to change functional units in the electrical cabinet quickly and simply.

Modular and flexible connection systems are especially in demand where complete functional units have to be prefabricated or replaced. Here WeiCoS (Weidmüller Connection System) – pluggable terminal blocks – show their full strengths. Quickly mounted, fully factory testable functional units which are faster and easier to replace.

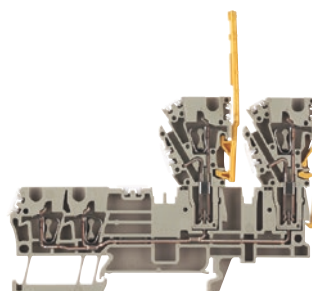
Reliable connection

Terminal rails and plugs have tension-clamp connections that separate the electrical and mechanical functions from each other. The steel tension clamps as well as the external plug contacts ensure optimum contact forces; the copper busbars, lower voltage drops.



Solid interlock

All the connectors can be locked securely to the base terminals using locking elements.



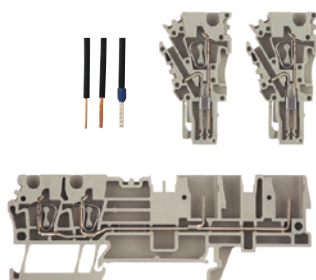
Power supply

Power is supplied using standard Z-series terminal blocks or with power supply terminals.



Simple operation

The parallel direction of wire entries and screwdriver operating direction means that you have a practical connection with the TOP connection system for which no special tools are needed. Test points are integrated.

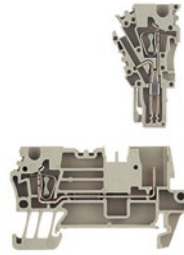


Spring connection with tension clamp technology (Z-Series) Pluggable terminal blocks

ZT 2.5/2AN/1

2.5 mm²

1 tension clamp connection / 1 pluggable connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²


5.1 x 58 x 34.5
24 / 4
0.13...4



Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

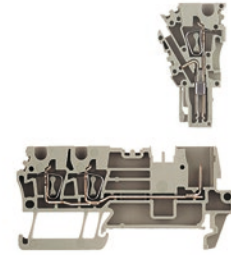
In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
6 kV / 3			
A2 / V-0			
			
Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
2.5 mm ² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A			

ZT 2.5/3AN/1

2.5 mm²


2 tension clamp connections / 1 pluggable connection



5.1 x 71.5 x 34.5
24 / 4
0.13...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
6 kV / 3			
A2 / V-0			
			
Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
2.5 mm ² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A			

Ordering data

Type	
ZT 2.5/2AN/1	dark beige
ZT 2.5/2AN/1 BL	Blue
Plug-in connector	
ZP 2.5/1AN/QV/1	
ZP 2.5/1AN/QV/2	
ZP 2.5/1AN/QV/3	
ZP 2.5/1AN/QV/4	
ZP 2.5/1AN/QV/5	
ZP 2.5/1AN/QV/6	
ZP 2.5/1AN/QV/7	
ZP 2.5/1AN/QV/8	
ZP 2.5/1AN/QV/9	
ZP 2.5/1AN/QV/10	
Note	

Type	Qty.	Order No.
ZT 2.5/2AN/1	50	1815070000
ZT 2.5/2AN/1 BL	50	1295550000
Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	Qty.	Order No.
ZT 2.5/3AN/1	50	1815090000
ZT 2.5/3AN/1 BL	50	1304720000
Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
End plate / Partition plate	
dark beige	
Orange	
Test adapter	
Standard	
With spigot	
Miscellaneous accessories WeiCoS	
Locking element	
Coding element	
Strain relief	
Screwdriver	
Standard	
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60
ZQV 2.5N/10 GE	24 A	20
ZAP/TW ZT2.5/2AN	50	1816030000
ZAP/TW ZT2.5/2AN OR	50	1816040000
ZTA ZT2.5	17.5 A	25
ZTA ZT2.5/ZA	17.5 A	25
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
WS 10/5 MC M SDR	144	1792010000
DEK 5/5 MM WS	800	2007110000

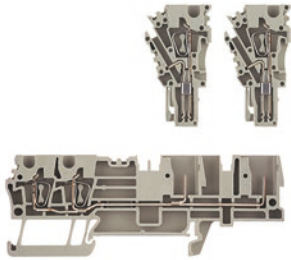
Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60
ZQV 2.5N/10 GE	24 A	20
ZAP/TW ZT2.5/3AN	50	1816050000
ZTA ZT2.5	17.5 A	25
ZTA ZT2.5/ZA	17.5 A	25
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC M SDR	144	1792010000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

ZT 2.5/4AN/2

2.5 mm²

2 tension clamp connections / 2 pluggable connections



5.1 x 93 x 34.5
24 / 4
0.13...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		



Rated connection Plug-in connection

0.5...4

0.5...4 / 0.5...2.5

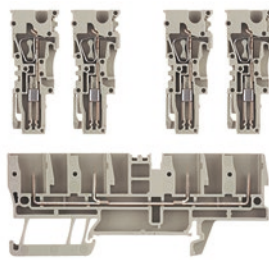
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

ZT 2.5/4AN/4

2.5 mm²

4 pluggable connections



5.1 x 85.5 x 34.5
24 / 4
0.13...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	/ V-0		



Rated connection Plug-in connection

0.5...4

0.5...4 / 0.5...2.5

10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. UL & CSA D = 600 V / 5 A

Type	Qty.	Order No.
ZT 2.5/4AN/2	50	1815110000

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000

ZAP/TW ZT2.5/4AN/2	50	1816070000
ZAP/TW ZT2.5/4AN/2 OR	50	1816080000

ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000

ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000

SDIS SLIM 0.6X3.5X100	1	2749610000
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DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC M SDR	144	1792010000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
ZT 2.5/4AN/4	50	1815130000

Type	Qty.	Order No.
ZP 2.5/1AN/1	50	1815430000
ZP 2.5/1AN/2	25	1815440000
ZP 2.5/1AN/3	25	1815450000
ZP 2.5/1AN/4	25	1815500000
ZP 2.5/1AN/5	25	1815510000
ZP 2.5/1AN/6	25	1815520000
ZP 2.5/1AN/7	25	1815530000
ZP 2.5/1AN/8	20	1815540000
ZP 2.5/1AN/9	20	1815550000
ZP 2.5/1AN/10	20	1815560000

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000

ZAP/TW ZT2.5/4AN/4	50	1816090000
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ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000

ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000

SDIS SLIM 0.6X3.5X100	1	2749610000
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DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

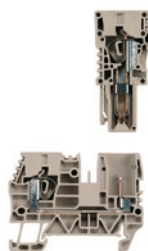


Spring connection with tension clamp technology (Z-Series) Pluggable terminal blocks

ZT 4/2AN/1

4 mm²

1 tension clamp connection / 1 pluggable connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.5 x 58 x 43
32 / 6
0.13...6



Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

	dark beige
	Blue
Plug-in connector	

Note

Accessories

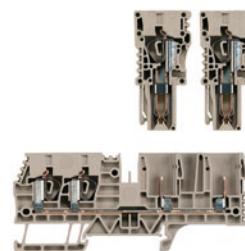
Plug-in cross-connection	
	2-pole
End plate / Partition plate	
	dark beige
	Orange
Miscellaneous accessories WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

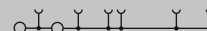
ZT 4/4AN/2

4 mm²

2 tension clamp connections / 2 pluggable connections



6.5 x 100.5 x 43
32 / 6
0.13...6



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
800			
32	28	28	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A3 / V-0		

CE, UL, CSA, IEC

Rated connection		Plug-in connection	
0.5...6			
0.5...6			
12 / 0.6 x 3.5 mm			

CSA current and voltage, acc. to Gr. C

Type	Qty.	Order No.
ZT 4/4AN/2	50	1848350000

Type	Qty.	Order No.
ZP 4/1AN/1	50	1848340000
ZP 4/1AN/2	25	1854990000
ZP 4/1AN/3	25	1855000000
ZP 4/1AN/4	25	1855010000
ZP 4/1AN/5	20	1855020000
ZP 4/1AN/6	20	1855030000
ZP 4/1AN/7	20	1855040000
ZP 4/1AN/8	20	1855050000
ZP 4/1AN/9	10	1855060000
ZP 4/1AN/10	10	1855070000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000

ZAP/TW ZT4/4AN/2	50	1848360000
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ZVR ZP4	25	1855250000
KOSF ZT4	50	1856860000
ZZE ZP4	25	1855260000

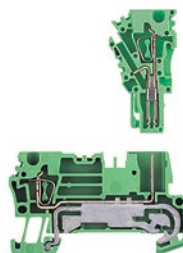
SDIS SLIM 0.6X3.5X100	1	2749610000
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DEK 5/6 MC NE WS	1000	1609820000
WS 10/6 MC NE WS	600	1828450000
DEK 5/6 MM WS	600	2007120000

ZTPE 2.5/2AN/1

2.5 mm²

1 tension clamp connection / 1 pluggable connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 58 x 34.5
/ 4
0.13...4



Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated short-time current	
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note


Ordering data

Version
Green/yellow
Note

Accessories

End plate / Partition plate	
dark beige	
Orange	
Test adapter	
Standard	
With spigot	
Miscellaneous accessories WeiCoS	
Locking element	
Coding element	
Strain relief	
Screwdriver	
Standard	
Marking tags	

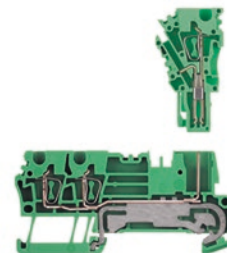
In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500		300	
690			
300 (2.5 mm ²)			
2.5	AWG 26...12		
	/ 3		
	A2 / V-0		
			
Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
2.5 mm ² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

ZTPE 2.5/3AN/1

2.5 mm²


2 tension clamp connections / 1 pluggable connection



5.1 x 71.5 x 34.5
/ 4
0.13...4



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500		300	
690			
300 (2.5 mm ²)			
2.5	AWG 26...12		
	/ 3		
	A2 / V-0		
			
Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
2.5 mm ² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

Type	Qty.	Order No.
ZTPE 2.5/3AN/1	50	1815100000

Type	Qty.	Order No.
ZTPE 2.5/2AN/1	50	1815080000

Type	Qty.	Order No.
ZAP/TW ZT2.5/3AN	50	1816050000
ZTA ZT2.5	17.5 A	25 1827080000
ZTA ZT2.5/ZA	17.5 A	25 1847600000
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
ZAP/TW ZT2.5/2AN	50	1816030000
ZAP/TW ZT2.5/2AN OR	50	1816040000
ZTA ZT2.5	17.5 A	25 1827080000
ZTA ZT2.5/ZA	17.5 A	25 1847600000
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

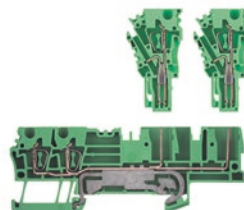
Spring connection with tension clamp technology (Z-Series)

Pluggable terminal blocks

ZTPE 2.5/4AN/2

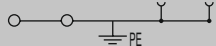
2.5 mm²

2 tension clamp connections / 2 pluggable connections



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 93 x 34.5
/ 4
0.13...4



Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated short-time current	
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	Green/yellow
Note	

Accessories

End plate / Partition plate	
	dark beige
	Orange
Test adapter	
	Standard
	With spigot
Miscellaneous accessories WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
Marking tags	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500		300	
690			
300 (2.5 mm ²)			
2.5	AWG 26...12		
	/ 3		
	A2 / V-0		
Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZTPE 2.5/4AN/2	50	1815120000

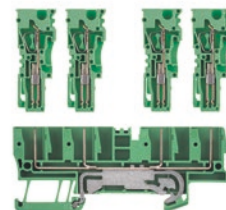
Type	Qty.	Order No.
ZAP/TW ZT2.5/4AN/2	50	1816070000
ZAP/TW ZT2.5/4AN/2 OR	50	1816080000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

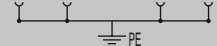
ZTPE 2.5/4AN/4

2.5 mm²

4 pluggable connections



5.1 x 85.5 x 34.5
/ 4
0.13...4



In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500		300	
690			
300 (2.5 mm ²)			
2.5	AWG 26...12		
	/ 3		
	A2 / V-0		
Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

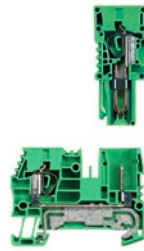
Type	Qty.	Order No.
ZTPE 2.5/4AN/4	50	1815140000

Type	Qty.	Order No.
ZAP/TW ZT2.5/4AN/4	50	1816090000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

ZTPE 4/2AN/1

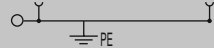
4 mm²

1 tension clamp connection / 1 pluggable connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

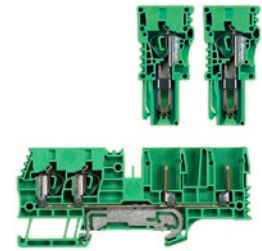
6.5 x 58 x 43
/ 6
0.13...6



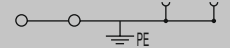
ZTPE 4/4AN/2

4 mm²

2 tension clamp connections / 2 pluggable connections






6.5 x 100.5 x 43
/ 6
0.13...6






Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated short-time current	
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500			
800			
480 (4 mm ²)			
4	AWG 26...10	AWG 26...10	
	/ 3		
	A3 / V-0		
CE   			
Rated connection		Plug-in connection	
0.5...6			
0.5...6			
12 / 0.6 x 3.5 mm			
2.5 mm ² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.			

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500			
800			
480 (4 mm²)			
4	AWG 26...10	AWG 26...10	
	/ 3		
	A3 / V-0		
CE   			
Rated connection		Plug-in connection	
0.5...6			
0.5...6			
12 / 0.6 x 3.5 mm			

Ordering data

Version
Green/yellow
Note

Type	Qty.	Order No.
ZTPE 4/2AN/1	50	1854970000

Type	Qty.	Order No.
ZTPE 4/4AN/2	50	1848330000

Accessories

End plate / Partition plate	
	dark beige
	Orange
Test adapter	
	Standard
Miscellaneous accessories WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
Marking tags	
DIN A4 sheets	
	Paper
Protective strip	

Type	Qty.	Order No.
ZAP/TW ZT4/2AN	50	1855220000
ZAP/TW ZT4/2AN OR	50	1855230000
ZTA ZT2.5	17.5 A 25	1827080000
ZVR ZP4	25	1855250000
KOSF ZT4	50	1856860000
ZZE ZP4	25	1855260000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
WS 10/6 MC NE WS	600	1828450000
DEK 5/6 MM WS	600	2007120000
ESO 7 DIN A4 WS	10	1607720000
STR 7 F.SCHT 7	20	0515300000

Type	Qty.	Order No.
ZTA ZT2.5	17.5 A 25	1827080000
ZVR ZP4	25	1855250000
KOSF ZT4	50	1856860000
ZZE ZP4	25	1855260000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
WS 10/6 MC NE WS	600	1828450000
DEK 5/6 MM WS	600	2007120000
ESO 7 DIN A4 WS	10	1607720000
STR 7 F.SCHT 7	20	0515300000

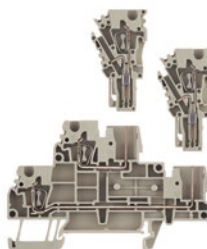
For detailed information on other accessories and application in the online catalogue

Spring connection with tension clamp technology (Z-Series) Pluggable terminal blocks

ZDT 2.5/2

2.5 mm²

Two potentials feasible



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 80.5 x 52
24 / 4
0.13...4



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		



Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

	dark beige
	Blue
Plug-in connector	

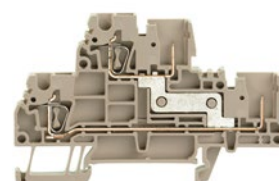
Note

Accessories

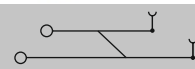
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
Test adapter	
	Standard
	With spigot
Miscellaneous accessories WeiCoS	
	Locking element
	Coding element
	Strain relief
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZDT 2.5/2 V

2.5 mm²

5.1 x 80.5 x 52
24 / 4
0.13...4



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
690			
24			
2.5			
	6 kV / 3		
	A2 / V-0		



Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZDT 2.5/2 V	50	1084770000

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000

ZAP/TW ZDT2.5/2	50	1816110000
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ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000

ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000

SDS 0.6X3.5X100	1	2749340000
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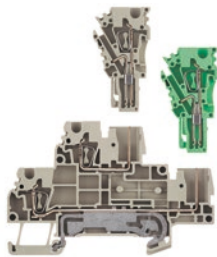
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

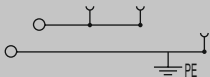


ZDT 2.5/2 DU-PE 2.5 mm²

Phase - PE conductor



5.1 x 80.5 x 52
24 / 4
0.13...4



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		



Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDT 2.5/2 DU-PE	50	1815160000
Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000
ZAP/TW ZDT2.5/2	50	1816110000
ZTA ZT2.5	17.5 A 25	1827080000
ZTA ZT2.5/ZA	17.5 A 25	1847600000
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

ZVQ 2.5/1.5 (1720700000) connects the upper and lower layer.

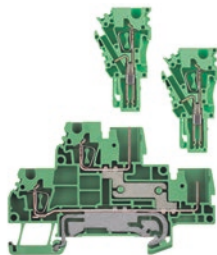
Spring connection with tension clamp technology (Z-Series)

Pluggable terminal blocks

ZDT 2.5/2 PE

2.5 mm²

2 tension clamp connections / 2 pluggable connections

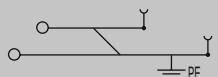


Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 80.5 x 52

/ 4

0.13...4



IEC 61984, In accordance with IEC 60947-7-1

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated short-time current	
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

IEC	UL	CSA	EN 60079-7
500		300	
690			
300 (2.5 mm ²)			
2.5	AWG 26...12		
	/ 3		
	A2 / V-0		



Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Note

Ordering data

Version
Green/yellow
Note

Type	Qty.	Order No.
ZDT 2.5/2 PE	50	1815170000

Accessories

End plate / Partition plate
dark beige
Test adapter
Standard
With spigot
Miscellaneous accessories WeiCoS
Locking element
Coding element
Strain relief
Screwdriver
Standard
Marking tags

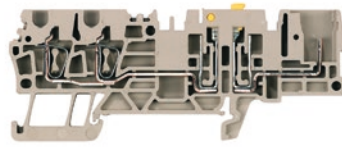
Type	Qty.	Order No.
ZAP/TW ZDT2.5/2	50	1816110000
ZTA ZT2.5	17.5 A	25 1827080000
ZTA ZT2.5/ZA	17.5 A	25 1847600000
ZVR ZP2.5	25	1816130000
KOSF ZT2.5	50	1816150000
ZZE ZP2.5	25	1816140000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

ZTTR 2.5

2.5 mm²

2 tension clamp connections / 1 pluggable connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version
dark beige
without isolator, dark beige
Note

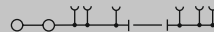
Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Marking tags	

5.1 x 87 x 36

18 / 4

0.13...4



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	300	
16	16	16	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		

CE RoHS REACH

Rated connection	Plug-in connection
0.5...4	
0.5...4	
10 / 0.6 x 3.5 mm	

CSA current and voltage, acc. to Gr. B

Type	Qty.	Order No.
ZTTR 2.5	50	1865510000
ZTTR 2.5 0.TNHE	50	1905470000
Please contact customer support when planning your installation with SIHA.		

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000
ZAP/TW ZTTR2.5	50	1865520000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
PS 2.3 RT	20	0180400000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

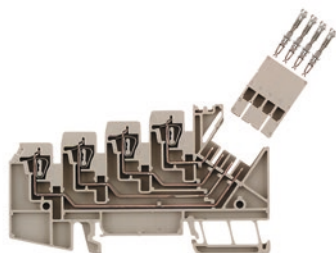
Spring connection with tension clamp technology (Z-Series)

Pluggable terminal blocks

ZRV 1.5

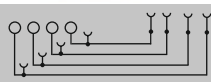
1.5 mm²

Base terminal - plug



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 89.5 x 52
/ 2.5
0.13...2.5



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
63	150		
4	10		
1.5	AWG 26...14		
	1.5 kV / 3		
	A1 / V-0		

CE

Rated connection	Plug-in connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	
8 / 0.6 x 3.5 mm	

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	Base terminal
Note	

Accessories

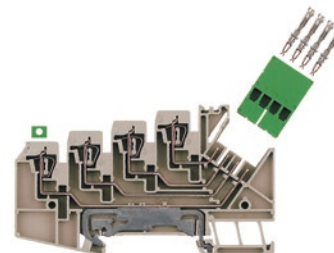
Plug-in cross-connection	
	2-pole
	10-pole
STGH plug housing	
	With spigot
	Without peg
Crimping contact	
	Reel packaged
	Reel packaged
	Reel packaged
	Single contacts
	Single contacts
	Single contacts
Test adapter	
	Plug housing black
	Black plug housing
End plate / Partition plate	
	beige Wemid
	dark brown
Locking elements	
Tools	
	Pressing tool
	Mounting tool
Marking tags	

For detailed information on other accessories and application in the online catalogue

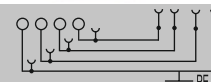
ZRV 1,5/PE

1.5 mm²

Base terminal - plug



5.1 x 89.5 x 52
/ 2.5
0.13...2.5



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
63	150		
4	10		
1.5	AWG 26...14		
	1.5 kV / 3		
	A1 / V-0		

CE

Rated connection	Plug-in connection
0.5...2.5	
0.5...2.5 / 0.5...1.5	
8 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZRV 1.5/PE	50	1698170000

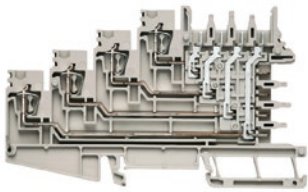
Type	Qty.	Order No.
ZRV 1.5	50	1698160000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
STGH 4 ZRV1.5	4 A 50	1698190000
STGH 4 ZRV1.5/PE GN	4 A 50	1698200000
DFFC 0.2-0.35 ZRV1.5	500	1705310000
DFFC 5-1.0 ZRV1.5	500	1705320000
AP ZRV1.5 DB	10	1698180000
HTF ZRV	1	9014840000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

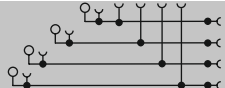
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
STGH 4 ZRV1.5	4 A 50	1698190000
DFFC 0.2-0.35 ZRV1.5	500	1705310000
DFFC 5-1.0 ZRV1.5	500	1705320000
AP ZRV1.5 DB	10	1698180000
HTF ZRV	1	9014840000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

ZRV 2.5/2

2.5 mm²



5.2 x 115 x 69.5
10 / 4
0.21...4



IEC 61984, In accordance with IEC
60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
2.5	AWG 24...14	AWG 26...14	
4 kV / 3			
A2 / V-0			

CE RoHS

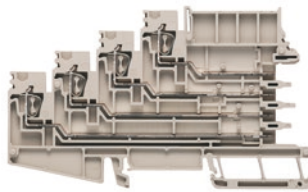
Rated connection	Plug-in connection
0.5...4 / 0.5...4	
0.5...2.5 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZRV 2.5/2	50	1906970000

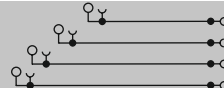
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
STGH ZRV2.5	50	1907000000
STGH O.ZA ZRV2.5	50	1907010000
FEKO ZRV2.5 0.2-0.35	5000	1854750000
FEKO ZRV2.5 0.5-1	5000	1854760000
FEKO ZRV2.5 1.5-2.5	4200	1848480000
FEKO ET ZRV2.5 0.2-0.35	500	1893940000
FEKO ET ZRV2.5 0.5-1	500	1893970000
FEKO ET ZRV2.5 1.5-2.5	500	1893990000
STGH O.R/SW ZRV2.5	25	1898420000
STGH O.ZA/O.R/SW ZRV2.5	25	1898430000
AP ZRV2.5	10	1906980000
HTF AFK 2.5	1	9201040000
REMOVAL TOOL AFK	1	1866760000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

ZRV 2.5/1

2.5 mm²



5.2 x 115 x 69.5
/ 4
0.5...4



IEC 61984, In accordance with IEC
60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
10	10		
2.5	AWG 24...14		
4 kV / 3			
/ V-0			

CE RoHS

Rated connection	Plug-in connection
0.5...4	
0.5...2.5 2.5	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
ZRV 2.5/1	50	1906960000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
STGH ZRV2.5	50	1907000000
STGH O.ZA ZRV2.5	50	1907010000
FEKO ZRV2.5 0.2-0.35	5000	1854750000
FEKO ZRV2.5 0.5-1	5000	1854760000
FEKO ZRV2.5 1.5-2.5	4200	1848480000
FEKO ET ZRV2.5 0.2-0.35	500	1893940000
FEKO ET ZRV2.5 0.5-1	500	1893970000
FEKO ET ZRV2.5 1.5-2.5	500	1893990000
STGH O.R/SW ZRV2.5	25	1898420000
STGH O.ZA/O.R/SW ZRV2.5	25	1898430000
AP ZRV2.5	10	1906980000
VREL 2 ZRV2.5/4	20	1167890000
VREL 8 ZRV2.5/4	10	1167910000
HTF AFK 2.5	1	9201040000
REMOVAL TOOL AFK	1	1866760000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000



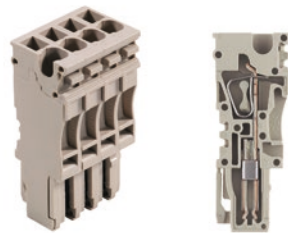
Spring connection with tension clamp technology (Z-Series)

Pluggable terminal blocks

ZP 2.5/1AN

2.5 mm²

2...17-pole



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

51 x 16.5 x 41
24 / 4
0.13...4

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		
Rated connection		Plug-in connection	
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
11-pole	
12-pole	
13-pole	
14-pole	
15-pole	
16-pole	
17-pole	
1-pole (green)	

Note

Accessories

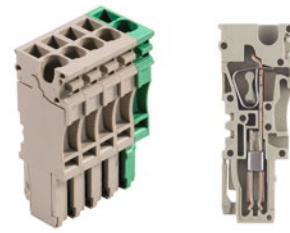
Test adapter	
Standard	
Screwdriver	
Standard	
Marking tags	
Protective strip	
DIN A4 sheets	
Paper	
Plug-in cross-connection	
2-pole	
10-pole	
For detailed information on other accessories and application in the online catalogue	

ZP 2.5/1AN/GN/BE

2.5 mm²

2 to 17-pole

Connectors each with one green pole



51 x 16 x 41
24 / 4
0.13...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV /		
	A2 / V-0		
Rated connection		Plug-in connection	
0.5...4			
0.5...4			
10 / 0.6 x 3.5 mm			

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZP 2.5/1AN/2 GN/BE	25	1867090000
ZP 2.5/1AN/3 GN/BE	25	1867100000
ZP 2.5/1AN/4 GN/BE	25	1867110000
ZP 2.5/1AN/5 GN/BE	25	1867120000
ZP 2.5/1AN/6 GN/BE	25	1867130000
ZP 2.5/1AN/7 GN/BE	25	1867140000
ZP 2.5/1AN/8 GN/BE	20	1867150000
ZP 2.5/1AN/9 GN/BE	20	1867160000
ZP 2.5/1AN/10 GN/BE	20	1867170000
ZP 2.5/1AN/11 GN/BE	20	1867180000
ZP 2.5/1AN/12 GN/BE	20	1867190000
ZP 2.5/1AN/13 GN/BE	10	1867200000
ZP 2.5/1AN/14 GN/BE	10	1867210000
ZP 2.5/1AN/15 GN/BE	10	1867220000
ZP 2.5/1AN/17 GN/BE	10	1867240000

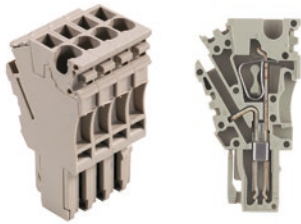
The technical specifications are only valid for use in conjunction with PE terminals, according to DIN EN 60947-7-2.

Type		Qty.	Order No.
ZTA ZT2.5	17.5 A	25	1827080000
SDIS SLIM 0.6X3.5X100		1	2749610000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000
DEK 5/5 MM WS		800	2007110000

ZP 2.5/1AN/QV

2.5 mm²

1...17-pole



5.1 x 23 x 41
24 / 4
0.13...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV /		
	A2 / V-0		



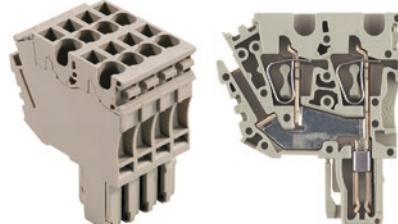
Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZP 2.5/2AN/QV

2.5 mm²

1...16-pole



5.1 x 23 x 41
24 / 4
0.13...4

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	20	20	
2.5	AWG 26...12		
	6 kV / 3		
	A2 / V-0		



Rated connection	Plug-in connection
0.5...4	
0.5...4 / 0.5...2.5	
10 / 0.6 x 3.5 mm	

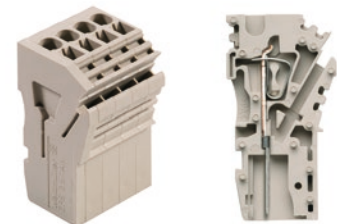
2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

ZPS 2.5/1AN/QV

2.5 mm²

2 to 16-pole

Connectors each with one green pole



7.6 x 22.55 x 42
24 / 4
0.13...4

IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
690			
24	24	20	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		



Rated connection	Plug-in connection
0.13...4	
0.5...4	
10 / 0.6 x 3.5 mm	

CSA voltage / current Gr. C 300 V / 20 A Gr. D 600 V / 5 A

Type	Qty.	Order No.
ZP 2.5/1AN/QV/1	50	1815190000
ZP 2.5/1AN/QV/2	25	1815200000
ZP 2.5/1AN/QV/3	25	1815210000
ZP 2.5/1AN/QV/4	25	1815220000
ZP 2.5/1AN/QV/5	25	1815230000
ZP 2.5/1AN/QV/6	25	1815240000
ZP 2.5/1AN/QV/7	25	1815250000
ZP 2.5/1AN/QV/8	20	1815260000
ZP 2.5/1AN/QV/9	20	1815270000
ZP 2.5/1AN/QV/10	20	1815280000
ZP 2.5/1AN/QV/11	20	1815290000
ZP 2.5/1AN/QV/12	20	1815300000
ZP 2.5/1AN/QV/13	10	1815310000
ZP 2.5/1AN/QV/14	10	1815320000
ZP 2.5/1AN/QV/15	10	1815330000
ZP 2.5/1AN/QV/16	10	1815340000
ZP 2.5/1AN/QV/17	10	1815350000
ZP 2.5/1AN/QV/1 GN	50	1820570000

Type	Qty.	Order No.
ZP 2.5/2AN/QV/1	50	1815730000
ZP 2.5/2AN/QV/2	20	1815740000
ZP 2.5/2AN/QV/3	20	1815750000
ZP 2.5/2AN/QV/4	20	1815760000
ZP 2.5/2AN/QV/5	20	1815770000
ZP 2.5/2AN/QV/6	20	1815780000
ZP 2.5/2AN/QV/7	20	1815790000
ZP 2.5/2AN/QV/8	10	1815800000
ZP 2.5/2AN/QV/9	10	1815810000
ZP 2.5/2AN/QV/10	10	1815820000
ZP 2.5/2AN/QV/11	10	1815830000
ZP 2.5/2AN/QV/12	10	1815840000
ZP 2.5/2AN/QV/15	5	1815870000
ZP 2.5/2AN/QV/16	5	1815880000
ZP 2.5/2AN/QV/1 GN	50	1820590000

Type	Qty.	Order No.
ZPS 2.5/1AN/QV/1	50	1865880000
ZPS 2.5/1AN/QV/2	20	1865900000
ZPS 2.5/1AN/QV/3	20	1865910000
ZPS 2.5/1AN/QV/4	20	1865920000
ZPS 2.5/1AN/QV/5	20	1865930000
ZPS 2.5/1AN/QV/6	25	1865940000
ZPS 2.5/1AN/QV/7	20	1865950000
ZPS 2.5/1AN/QV/8	10	1865960000
ZPS 2.5/1AN/QV/9	10	1865970000
ZPS 2.5/1AN/QV/10	10	1865980000
ZPS 2.5/1AN/QV/12	10	1866000000
ZPS 2.5/1AN/QV/14	10	1866020000
ZPS 2.5/1AN/QV/15	10	1866030000
ZPS 2.5/1AN/QV/16	10	1866040000

Type	Qty.	Order No.
ZTA ZT2.5	17.5 A 25	1827080000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000

Type	Qty.	Order No.
ZTA ZT2.5	17.5 A 25	1827080000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000

Type	Qty.	Order No.
ZTA ZT2.5	17.5 A 25	1827080000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000
ZGB 30	20	1611930000
STR 7 F.SCHT 7	20	0515300000
ESO 7 DIN A4 WS	10	1607720000

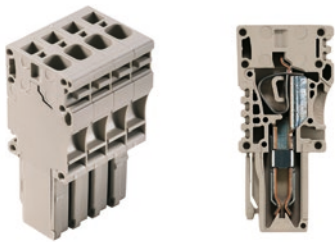
2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.



Spring connection with tension clamp technology (Z-Series) Pluggable terminal blocks

ZP 4/1AN 4 mm²

1...16-pole






Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

6.5 x 22.5 x 47.5
32 / 6
0.13...6

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
32	28	28	
4	AWG 26...10	AWG 26...10	
	8 kV / 3		
	A3 / V-0		
CE   			
Rated connection		Plug-in connection	
0.5...6			
0.5...6			
12 / 0.6 x 3.5 mm			
CSA current and voltage, acc. to Gr. C			

Ordering data

Version	
1-pole	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
11-pole	
12-pole	
13-pole	
14-pole	
15-pole	
16-pole	
17-pole	
1-pole (green)	
Note	

Type	Qty.	Order No.
ZP 4/1AN/1	50	1848340000
ZP 4/1AN/2	25	1854990000
ZP 4/1AN/3	25	1855000000
ZP 4/1AN/4	25	1855010000
ZP 4/1AN/5	20	1855020000
ZP 4/1AN/6	20	1855030000
ZP 4/1AN/7	20	1855040000
ZP 4/1AN/8	20	1855050000
ZP 4/1AN/9	10	1855060000
ZP 4/1AN/10	10	1855070000
ZP 4/1AN/11	20	1855080000
ZP 4/1AN/12	10	1855090000
ZP 4/1AN/13	10	1855100000
ZP 4/1AN/14	10	1855110000
ZP 4/1AN/1 GN	50	1854980000

Accessories

Test adapter	
Standard	
Screwdriver	
Standard	
Marking tags	
Protective strip	
DIN A4 sheets	
Paper	
Plug-in cross-connection	
2-pole	
10-pole	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/6 MC NE WS	600	1828450000



Spring connection with tension clamp technology (Z-Series) Pluggable terminal blocks – WeiCoS accessories

Single plates for individual assembly

The WeiCoS individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).

WeiCoS plug

- Marking option

ZP 2.5/1AN ZA

End plate



Type	Qty.	Order No.
ZP 2.5/1AN ZA	50	1875190000
ZP 2.5/1AN ZA BL	50	1009070000
ZP 2.5/1AN ZA GN	50	1875200000
ZP 4/1AN ZA	50	1051940000
ZP 4/1AN ZA BL	50	1356790000
ZP 4/1AN ZA GN	50	1051950000

ZP 2.5/1AN ZA O.RA

Middle plate or end plate



Type	Qty.	Order No.
ZP 2.5/1AN ZA O.RA	50	1875210000
ZP 2.5/1AN ZA O.RA BL	50	1972980000
ZP 2.5/1AN ZA O.RA GN	50	1875220000
ZP 4/1AN ZA O.RA	50	1051910000
ZP 4/1AN ZA O.RA BL	50	2449680000
ZP 4/1AN ZA O.RA GN	50	1051920000

ZP 2.5/1AN

Start plate



Type	Qty.	Order No.
ZP 2.5/1AN	50	1875150000
ZP 2.5/1AN/1 BL	50	1009060000
ZP 2.5/1AN GN	50	1875180000
ZP 4/1AN	50	1051970000
ZP 4/1AN GN	50	1051980000

WeiCoS plug

- Marking option
- Cross-connection option

ZP 2.5/1AN/QV ZA

End plate

Type	Qty.	Order No.
ZP 2.5/1AN/QV ZA	50	1007930000
ZP 2.5/1AN/QV ZA GN	50	1007950000

ZP 2.5/1AN/QV ZA O.RA

Middle plate or end plate

Type	Qty.	Order No.
ZP 2.5/1AN/QV ZA O.RA	50	1007960000
ZP 2.5/1AN/QV ZA O.RA BL	50	1007970000
ZP 2.5/1AN/QV ZA O.RA GN	50	1007980000

ZP 2.5/1AN/QV

Start plate

Type	Qty.	Order No.
ZP 2.5/1AN/QV	50	1007900000
ZP 2.5/1AN/QV GN	50	1007920000

WeiCoS plug

- Marking option
- Cross-connection option
- 2 cable connection options

ZP 2.5/2AN/QV

End plate

Type	Qty.	Order No.
ZP 2.5/2AN/QV	50	1007810000
ZP 2.5/2AN/QV GN	50	1007830000

ZP 2.5/2AN/QV ZA O.RA

Middle plate or end plate

Type	Qty.	Order No.
ZP 2.5/2AN/QV ZA O.RA	50	1007870000
ZP 2.5/2AN/QV ZA O.RA BL	50	1007880000

Ordering data	
2.5 mm²	Dark beige
	Blue
	green
4.0 mm²	Dark beige
	Blue
	green
Note	

A.188 Weidmüller

2737890000

WeiCoS coupling

- Marking option
- Cross-connection option

Ordering data

2.5 mm²

Note

ZPS 2.5/1AN/QV/1

Individual plate



Type	Qty.	Order No.
ZPS 2.5/1AN/QV/1	50	1861040000
ZPS 2.5/1AN/QV/1 GN	50	1861050000

GHDE ZPS2.5/1AN

Cover



Type	Qty.	Order No.
GHDE ZPS2.5/1AN	50	1866070000

Application



Coding elements

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

Ordering data

2.5 mm²

4.0 mm²

Note

KOSF ZT

Coding element



Type	Qty.	Order No.
KOSF ZT2.5	50	1816150000
KOSF ZT4	50	1856860000

Application



Interlock

- ZVR ZP to interlock with the terminal block
- ZVR ZPS interlock, plug – socket

Ordering data

2.5 mm²

4.0 mm²

Note

ZVR ZP 2.5

Locking element



Type	Qty.	Order No.
ZVR ZP2.5	25	1816130000
ZVR ZP4	25	1855250000

ZVR ZPS 2.5

Interlock



Type	Qty.	Order No.
ZVR ZPS2.5	20	1878620000

Application ZVR ZP



Strain reliefs / Protective cover

- ZVR ZP a strain relief transmits mechanical forces to the plastic housing and protects the contact point
- ZAD ZT / ZPS Finger protection Protection of the contact point from dirt

Ordering data

2.5 mm²

4.0 mm²

Note

ZZE ZP

Cable grip



Type	Qty.	Order No.
ZZE ZP2.5	25	1816140000
ZZE ZP2.5/4	25	1866220000
ZZE ZP2.5/8	25	1866230000
ZZE ZP4	25	1855260000

ZAD ZT / ZPS

Protective cover



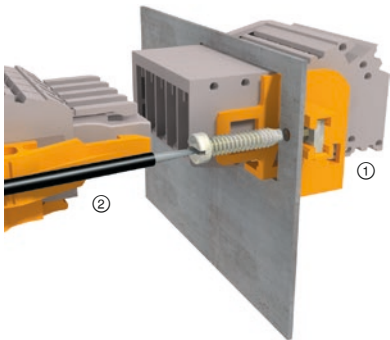
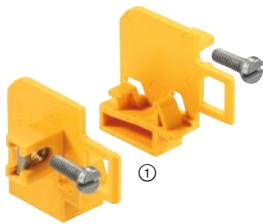
Type	Qty.	Order No.
ZAD ZT/ZPS2.5	25	1861030000

Application ZZE ZP

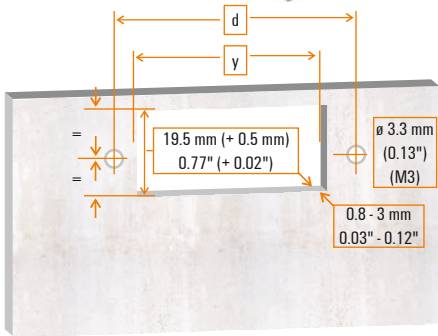


Spring connection with tension clamp technology (Z-Series)
Pluggable terminal blocks – Accessories WeiCoS

Screwed through-wall fixing



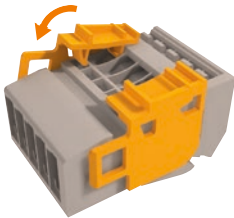
Type	Side	Qty.	Order No.
① ZVLA DF ZPS2.5	Plate	20	1878600000
② ZVR ZPS2.5	Plug	20	1878620000



$$y = n \times 5.1 \text{ mm} + 5.5 \text{ mm} \quad y = n \times 0.25" + 0.216"$$

$$d = n \times 5.1 \text{ mm} + 13.5 \text{ mm} \quad d = n \times 0.25" + 0.53"$$

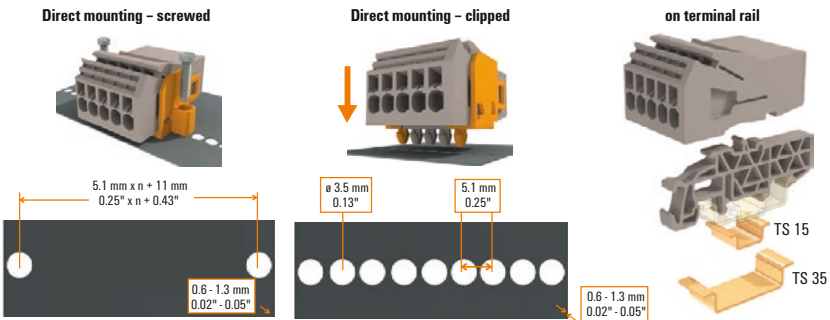
Pluggable terminal blocks



Plug-in connector system with an infinite number of combinations – but always with the same fitting method.

n-pol.	y		d	
	mm	inch(")	mm	inch(")
2-pol.	15.7	0.62	23.7	0.93
3-pol.	20.8	0.82	28.8	1.13
4-pol.	25.9	1.02	33.9	1.33
5-pol.	31.0	1.22	38.9	1.53
6-pol.	36.1	1.42	44.1	1.74
7-pol.	41.2	1.62	49.2	1.94
8-pol.	46.3	1.82	54.3	2.14
9-pol.	51.4	2.02	59.4	2.34
10-pol.	56.5	2.22	64.5	2.55
11-pol.	61.6	2.43	69.6	2.74
12-pol.	66.7	2.63	74.7	2.94
13-pol.	71.8	2.83	79.8	3.14
14-pol.	76.9	3.03	84.9	3.34
15-pol.	82.0	3.23	90.0	3.54
16-pol.	87.1	3.43	95.1	3.74

Set of fixings – coupling



Direct mounting, screwed

ZVLA SC ZPS 2.5



Ordering data
Note

Type	Qty.	Order No.
ZVLA SC ZPS2.5	20	1866240000
Note		

Ordering data
Note

Type	Qty.	Order No.
Note		

Direct mounting, plugged

ZVLA RC ZPS 2.5



Ordering data
Note

Type	Qty.	Order No.
ZVLA RC ZPS2.5	20	1866260000
Note		

Ordering data
Note

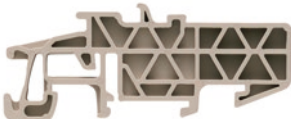
BA RC ZPS 2.5



Type	Qty.	Order No.
BA RC ZPS2.5	25	1908560000
Note		

on terminal rail

MOFU 15/35 ZPS 2.5



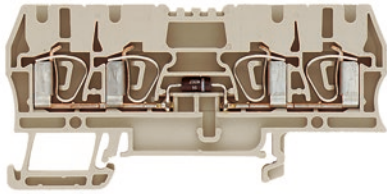
Ordering data
Note

Type	Qty.	Order No.
MOFU 15/35 ZPS2.5	25	1899170000
Note		

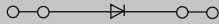
ZDU 2.5/2x2AN/D+

2.5 mm²

Diode circuit



5.1 x 79.5 x 38.5
/ 4
0.5...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
1			
2.5			
6 kV / 3			
A3 / V-0			
Diode 1N 4007 /			

CE

Rated connection

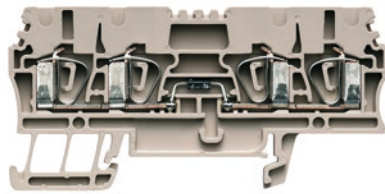
0.5...4
0.5...4 / 1.5...2.5
10 / 0.6 x 3.5 mm

1N4007
1A
1300V
0.7V

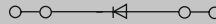
ZDU 2.5/2x2AN/D-

2.5 mm²

Diode circuit



5.1 x 79.5 x 38.5
/ 4
0.5...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
1			
2.5			
6 kV / 3			
A3 / V-0			
Diode 1N 4007 /			

CE

Rated connection

0.5...4
0.5...4 / 1.5...2.5
10 / 0.6 x 3.5 mm

1N4007
1A
1300V
0.7V

Type	Qty.	Order No.
ZDU 2.5/2X2AN/D+	20	1650340000

Type	Qty.	Order No.
ZDU 2.5/2X2AN/D-	20	1650350000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/1 WS	1000	1614300000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
ZAP/TW 3	50	1608800000
ZRH 2.5/2 GR/V0	1000	1614290000
ZRH 2.5/1 WS	1000	1614300000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000



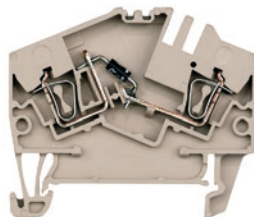
Spring connection with tension clamp technology (Z-Series)

Terminal blocks with electronic components

ZDU 2.5-2/D+

2.5 mm²

Diode circuit



ZDU 2.5-2 0.EL

2.5 mm²

Diode circuit



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 43.5	
/ 2.5	
0.05...2.5	

5.1 x 50.5 x 43.5	
/ 2.5	
0.05...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	

Component LED	
Colour	
Voltage, min.	
Voltage, max.	
Current	

Component resistor	
Resistance	
Power loss	
Tolerance (%)	

Note

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
1	1	1	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A2 / V-0		
	Diode 1N 4007 /		

Rated connection	
0.5...2.5	
0.5...2.5 / 1.5...1.5	
10 / 0.6 x 3.5 mm	

1N4007
1A
1300V
0.7V

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
1			
2.5			
	6 kV / 3		
	A2 / V-0		
	Diode 1N 4007 /		

Rated connection	
0.5...2.5	
0.5...2.5 / 1.5...1.5	
10 / 0.6 x 3.5 mm	

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	
dark beige	
dark beige (red LED)	
Orange	

Note

Type	Qty.	Order No.
ZDU 2.5-2/D+	20	1779110000

Type	Qty.	Order No.
ZDU 2.5-2 0.EL	20	1868870000

Accessories

Plug-in cross-connection	
2-pole	
10-pole	

End plate / Partition plate

Blue	
dark beige	

End bracket

dark beige	
------------	--

Screwdriver

Standard	
----------	--

Marking tags

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

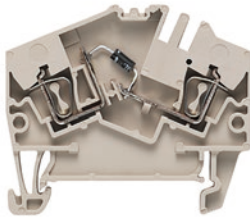
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

ZDU 2.5-2/D-

2.5 mm²

Diode circuit



5.1 x 50.5 x 43.5
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
1	1	1	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 /			

CE

Rated connection

0.5...2.5
0.5...2.5 / 1.5...1.5
10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

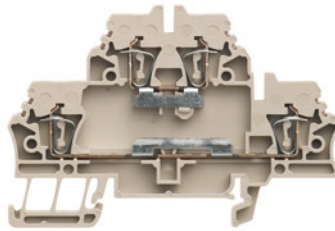
Type	Qty.	Order No.
ZDU 2.5-2/D-	20	1779000000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW7	50	1706110000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

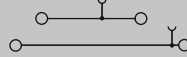
ZDK 2.5 EM

2.5 mm²

Double-level terminal



5.1 x 79.5 x 53
20 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
20	15	25	
2.5	AWG 26...14	AWG 26...12	
6 kV / 3			
A2 / V-0			

CE

Rated connection

0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5 EM	50	1768800000
ZDK 2.5 OR	50	1694140000
Empty electronics enclosure for do-it-yourself soldering of components.		

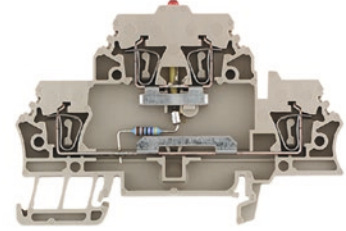
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5 BL	20	1748800000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

ZQV 2.5/1.5 (1720700000) connects the upper and lower layer.

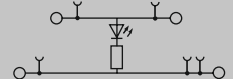
ZDK 2.5/LD RT/1

2.5 mm²

LED circuit



5.1 x 79.1 x 53
10 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
10			
2.5	AWG 26...14	AWG 26...12	
/ 3			
A2 / V-0			

CE

Rated connection

0.5...2.5
0.5...2.5 / 1.5...1.5
10 / 0.6 x 3.5 mm

red

6V

24V

20mA

4.7kOhm

0.4W

1%

2.5 mm² flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/LD RT/1	50	1690010000
Voltage on the continuous busbar = 10 A		

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

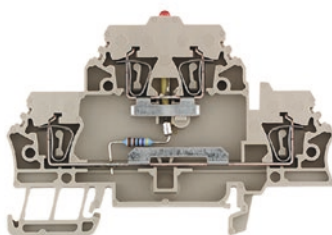
Spring connection with tension clamp technology (Z-Series)

Terminal blocks with electronic components

ZDK 2.5/LD RT/2

2.5 mm²

LED circuit

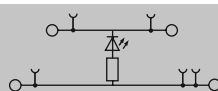


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 79.1 x 53

10 / 2.5

0.05...2.5



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	
Component LED	
Colour	
Voltage, min.	
Voltage, max.	
Current	
Component resistor	
Resistance	
Power loss	
Tolerance (%)	
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
10			
2.5	AWG 26...14	AWG 26...12	
/ 3			
A2 / V-0			

CE ENEC KEUR VDE

Rated connection

0.5...2.5

0.5...2.5 / 1.5...1.5

10 / 0.6 x 3.5 mm

red

6V

24V

20mA

4.7 kOhm

0.4W

1%

2.5 mm² flexible conductors with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	
	dark beige
	dark beige (red LED)
	Orange
Note	

Accessories

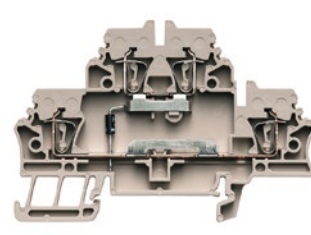
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	Blue
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZDK 2.5/D/1

2.5 mm²

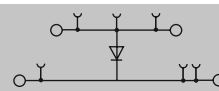
Diode circuit



5.1 x 79.1 x 53

/ 2.5

0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
10	15	10	
2.5	AWG 26...14	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 /			

CE ENEC KEUR VDE

Rated connection

0.5...2.5

0.5...2.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

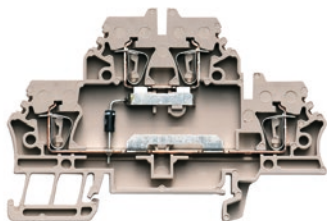
Type	Qty.	Order No.
ZDK 2.5/D/1	50	1690020000
Note		

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5		
ZAP/TW ZDK2.5	20	1674730000
ZEW 35		
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100		
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS		
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS		
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS		
WS 8/5 MM WS	800	2007150000

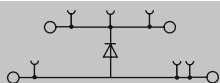
ZDK 2.5/D/2

2.5 mm²

Diode circuit



5.1 x 79.1 x 53
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
10	15	10	
2.5	AWG 26...14	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 /			

CE ENEC KEMA VDE

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

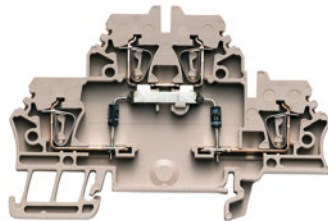
Type	Qty.	Order No.
ZDK 2.5/D/2	50	1690030000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

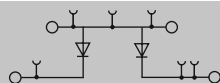
ZDK 2.5/D/4

2.5 mm²

Diode circuit



5.1 x 79.1 x 53
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
10	15	10	
2.5	AWG 26...14	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 / Diode 1N 4007			

CE ENEC KEMA VDE

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

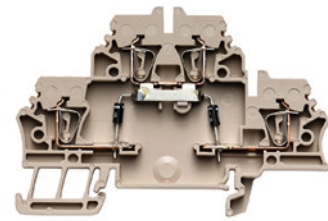
Type	Qty.	Order No.
ZDK 2.5/D/4	50	1690040000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

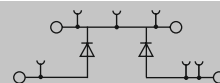
ZDK 2.5/D/5

2.5 mm²

Diode circuit



5.1 x 79.1 x 53
/ 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
10	15	10	
2.5	AWG 26...14	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 / Diode 1N 4007			

CE ENEC KEMA VDE

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 2.5/D/5	50	1690050000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

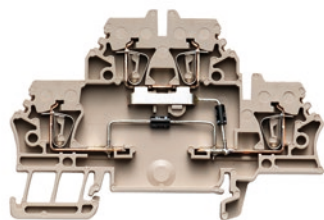
Spring connection with tension clamp technology (Z-Series)

Terminal blocks with electronic components

ZDK 2.5/D/6

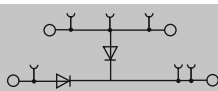
2.5 mm²

Diode circuit



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 79.1 x 53
/ 2.5
0.05...2.5



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	
Component LED	
Colour	
Voltage, min.	
Voltage, max.	
Current	
Component resistor	
Resistance	
Power loss	
Tolerance (%)	
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
10	15	10	
2.5	AWG 26...14	AWG 26...12	
6 kV / 3			
A2 / V-0			
Diode 1N 4007 / Diode 1N 4007			

CE ENEC ENEC ENEC

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

2.5 mm² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Ordering data

Version	
	dark beige
	dark beige (red LED)
	Orange
Note	

Type	Qty.	Order No.
ZDK 2.5/D/6	50	1690060000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	Blue
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZAP/TW ZDK2.5	20	1674730000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

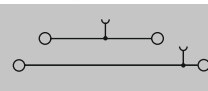
ZDK 4-2 EL

4 mm²

Double-level terminal



6.1 x 77.6 x 60
32 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600		
32	25		
4	AWG 26...10		
8 kV / 3			
A3 / V-0			

CE ENEC

Rated connection

0.5...6
0.5...4
10 / 0.6 x 3.5 mm

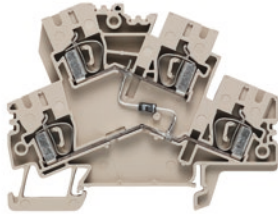
Type	Qty.	Order No.
ZDK 4-2 EL	50	8709760000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

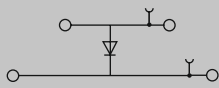
ZDK 4-2/D forward

4 mm²

Diode circuit



6.1 x 77.6 x 60
/ 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
1	1	1	
4	AWG 26...10	AWG 26...10	
8 kV / 3			
A3 / V-0			
Diode 1N 4007 /			

CE ENE

Rated connection

0.5...6 / 1.5...4
0.5...4
10 / 0.6 x 3.5 mm

1N4007

1A

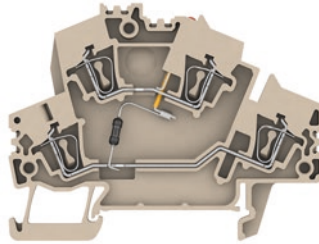
1300V

0.7V

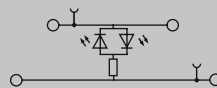
ZDK 2.5-2/LD 24 V UC

2.5 mm²

Diode circuit



5.1 x 72.5 x 53
10 / 2.5
0.05...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
10			
2.5			
/ 3			
A2 / V-0			
LED red / Resistance 4.7 kΩ			

CE ENE

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

red

6V

24V

20mA

4.7 kΩhm

0.4W

1%

2.5 mm² flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool.

Type	Qty.	Order No.
ZDK 4-2/D FORWARD	50	8670520000

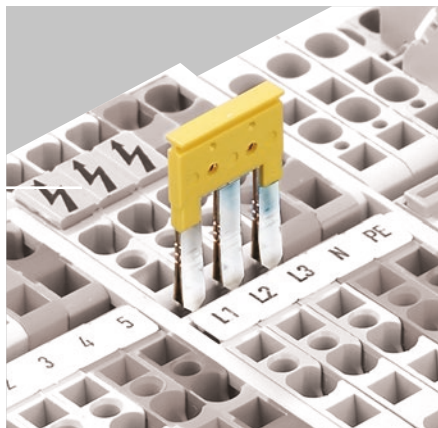
Type	Qty.	Order No.
ZDK 2.5-2/LD 24VUC	50	1905310000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/10 GE	32 A 20	1609030000
ZAP/TW ZDK4-2	50	8670760000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/10	24 A 20	1608940000
ZEW 35	20	9540000000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Spring connection with tension clamp technology (Z-Series) Accessories – Electrical supply

Pluggable Cross-Connection ZQV



The time-saving, easy-to-use cross-connection comb for terminals, featuring tension clamp technology.

- **ZQV 2.5** as 2- to 10-pole combs and
- **ZQV 2.5N** as 2- to 10-pole combs and
- **ZQV 4** as 2- to 10-pole combs and
- **ZQV 6** as 2- to 4-pole combs and
- **ZQV 10, ZQV 16** and **ZQV 35** as 2-pole combs (bridges)
- **ZQV 35-10, ZQV 35-16** and **ZQV 16-10** used as a reducer cross-connector distributes current from terminals with larger cross-connections to terminals with smaller cross-section.

These versions come with complete shock protection.

However, please note that the rated voltage is reduced to 400 V when using cross-connections. This does not apply to terminals with a rated voltage below 400 V. Here the rated voltage of the used terminal is mandatory.

Breaking out contact elements

If one or more (max. 60 % for reasons of stability and temperature rise) of the contact elements are broken out of the cross-connections, terminals may be bypassed to suit the application.



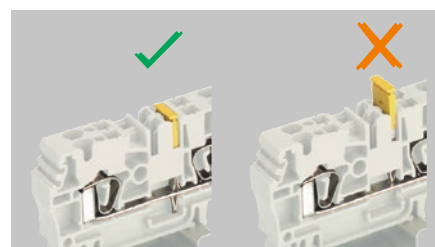
Fitting and changing crossconnections

The fitting and changing of cross-connections is a trouble-free and fast operation:

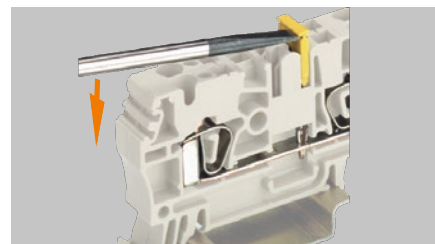
- Insert the cross-connection into the cross-connection channel in the terminal...



... and press it fully home. (The cross-connection may not project from the channel.)

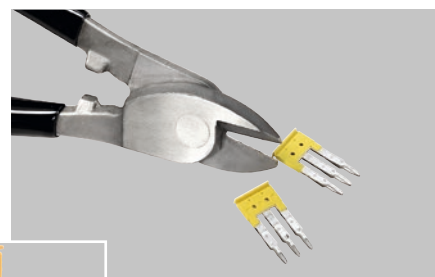


- Remove a cross-connection by simply prising it out with a screwdriver.



Shortening cross-connections

Cross-connections can be shortened in length using a suitable cutting tool, e.g. KT ZQV (order no. 9002170000). However, three contact elements must always be retained.



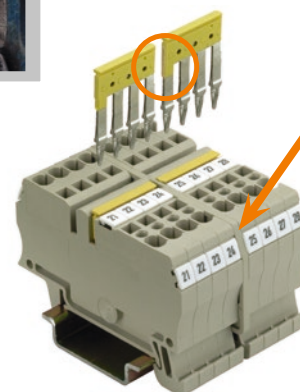
Caution:

Contact elements must not be deformed!

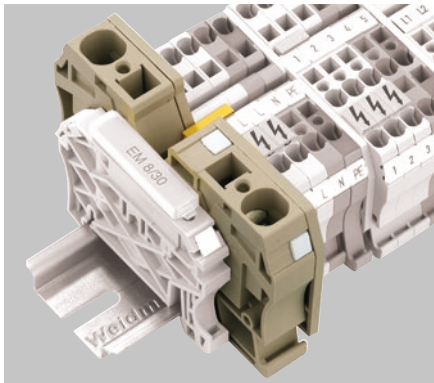


Note:

In the use of manually cut ZQV cross-connections and cross-connections with bare cut edges (>10 poles), the voltage reduces to 25 V.



ZEI 16 supply terminal



The ZEI 16 supply terminal can be used for supplying current up to a conductor cross-section of 25 mm². Standard cross-connections then distribute the current to any number of terminals with a smaller cross-sectional area.

The following tables show a number of options for distributing current at the supply point, together with corresponding cross-connections and the maximum current.

Integrated partition plate



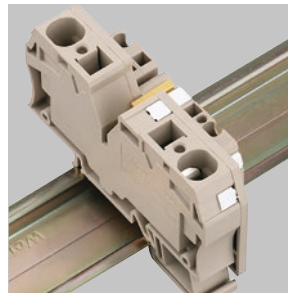
Output possible on left and right



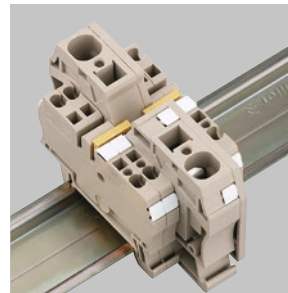
Output options and corresponding cross-connections

Feed terminal	Output terminal	Cross-connection	Supply left	Supply right
ZEI 16	ZDU 2.5	ZQV 2.5	•	•
	ZDU 2.5 3AN	ZQV 2.5	•	•
	ZDU 2.5 4AN	ZQV 2.5	•	•
	ZDU 2.5 N	ZQV 2.5	•	•
	ZDU 2.5 N/3AN	ZQV 2.5	•	•
	ZDU 2.5 N/4AN	ZQV 2.5	•	•
	ZDU 4	ZQV 4	•	•
	ZDU 4 3AN	ZQV 4	•	• ¹⁾
	ZDU 4 4AN	ZQV 4	•	• ¹⁾
	ZDU 6	ZQV 6	•	•
	ZDU 6 3AN	ZQV 6	•	•
	ZTR 2.5	ZQV 2.5	• ²⁾	• ²⁾
	ZTR 2.5 3AN	ZQV 2.5	• ²⁾	• ²⁾
	ZTR 2.5 4AN	ZQV 2.5	•	•
Feed terminal	Output terminal	Cross-connection	Supply left	Supply right
ZEI 6	ZDU 1.5	ZQV 1.5	•	•
	ZDU 1.5 3AN	ZQV 1.5	•	•
	ZDU 1.5 4AN	ZQV 1.5	•	•

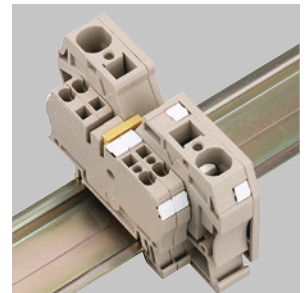
1) mit IEPL 2) mit QVAR 3) second pole must be broke out



$$I_{\max} = \sum I_n \text{ (left)}$$



$$I_{\max} = \sum I_n \text{ (left)} + \sum I_n \text{ (right)}$$



$$I_{\max} = \sum I_n \text{ (right)}$$

Maximum current flow I_{\max} only with ZEI 16

Feed terminal	Cross-connection	Supply conductor cross-section area	Supply left or right	Supply middle
ZDU 2.5	ZQV 2.5	16 mm ²	48 A	76 A
		25 mm ²	48 A	89 A
ZDU 2.5/4AN	ZQV 2.5	16 mm ²	48 A	76 A
		25 mm ²	48 A	89 A
ZDU 4	ZQV 4	16 mm ²	64 A	76 A
		25 mm ²	66 A	100 A
ZDU 6	ZQV 6	16 mm ²	76 A	76 A
		25 mm ²	82 A	100 A

Spring connection with tension clamp technology (Z-Series)

Accessories – Electrical supply

Supply with standard terminals

According to IEC 60204-1 and IEC 60 439-1, when reducing the conductors within distribution boards and controllers, protective devices for cables and conductors can be installed up to a maximum of 3 meters away from the supply side and need not be positioned at the beginning of the supply side. The conductor before the output fuse must be routed to make it “short-circuit proof”.

Supply on the left



Supply on the right



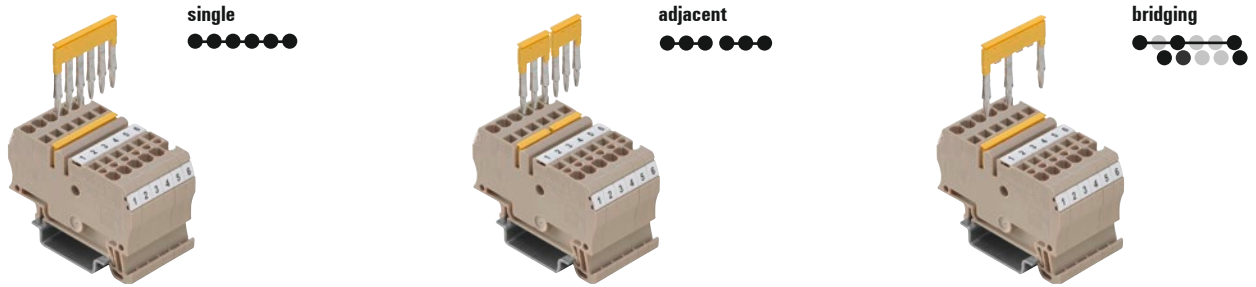
Supply options and corresponding cross-connections

Supply terminals		on the left											
		2.5 mm ²						4 mm ²			6 mm ²		
Output terminals on the right		ZDU	ZDU 3AN	ZDU 4AN	ZDU N	ZDU N/3AN	ZDU N/4AN	ZTR	ZTR 3AN	ZTR 4AN	ZDU	ZDU 3AN	ZDU 4AN
1.5 mm ²	ZDU	• 1)		• 1)					• 1)				
	ZDU 3AN	•		• 1)					• 1)	•			
	ZDU 4AN	•		• 1)					• 1)	•			
	ZDU												
2.5 mm ²	ZDU										• 1)	• 1)	• 3)
	ZDU 3AN										• 2)	• 2)	• 2)
	ZDU 4AN										• 1)	• 1)	• 1)
	ZDU N										• 1)	• 1)	• 1)
	ZDU N/3AN										• 2)	• 2)	• 2)
	ZDU N/4AN										• 1)	• 1)	• 1)
	ZTR										• 2)	• 2)	• 2)
	ZTR 3AN										• 2)	• 2)	• 2)
4 mm ²	ZDU												
	ZDU 3AN												
	ZDU 4AN												
	ZDU												

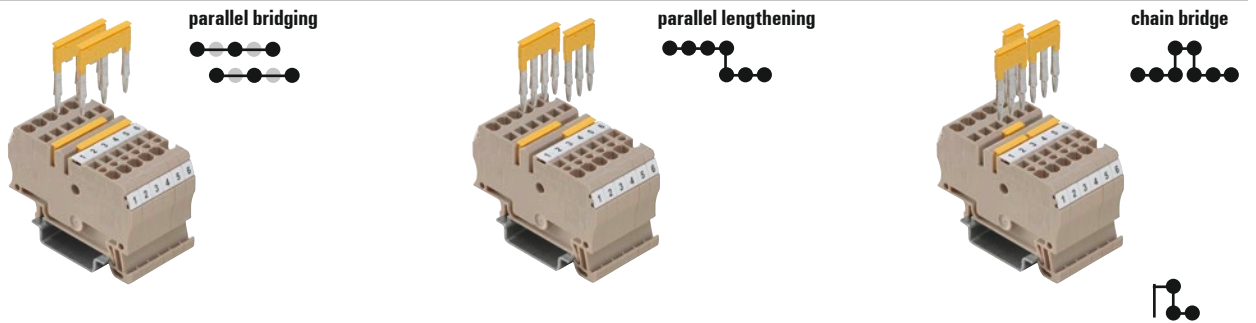
- 1) with IEP
 2) with QVAR
 3) Maximum current value at the smallest cross-section:
 - ZDU 6 with ZQV 2.5/3 on ZDU 2.5 : 55A
 - ZDU 6 with ZQV 2.5/4 on ZDU 2.5 : 57 A

Possible combinations

In one cross-connection channel



In two cross-connection channel



Possible cross-connections of terminals of the same type with corresponding cross-connections

Terminal type	Crosssection	Cross-connection	single	adjacent	bridging	chain bridge	parallel bridging	parallel lengthening
Standard terminals	mm ²							
ZDU 1.5 ...	1.5	ZQV 1.5	•	•	•	•	•	•
ZDK 1.5	1.5	ZQV 1.5	•	•	•			
ZDK 1.5 V	1.5	ZQV 1.5	•	•	•	not bridgeable on top		
ZDK 1.5 DU-PE	1.5	ZQV 1.5	•	•	•	not bridgeable at bottom		
ZRV 1.5 ...	1.5	ZQV 1.5	•	•	•			
ZDU 2.5	2.5	ZQV 2.5	•	•	•	•	•	•
ZDU 2.5 / 3 AN	2.5	ZQV 2.5	•	•	•			
ZDU 2.5 / 4 AN	2.5	ZQV 2.5	•	•	•			
ZDU 2.5N ...	2.5	ZQV 2.5	•	•	•	•	•	•
ZDUA 2.5-2 ...	2.5	ZQV 2.5N	•	•	•			
ZDK 2.5 ...	2.5	ZQV 2.5	•	•	•			
ZDK 2.5 ... PE	2.5	ZQV 2.5	•	•	•	not bridgeable at bottom		
ZDK 2.5-2 ...	2.5	ZQV 2.5	•	•	•			
ZDKPE 2.5-2 / ...	2.5	ZQV 2.5	•	•	•			
ZDLD 2.5 ...	2.5	ZQV 2.5	•	•	•			
ZVLD 2.5	2.5	ZQV 2.5	•	•	•			
ZTR 2.5 ...	2.5	ZQV 2.5	•	•	•			
ZTR 2.5-2	2.5	ZQV 2.5	•	•	•	•	•	•
ZTTR 2.5	2.5	ZQV 2.5N	•	•	•	•	•	•
ZDTR 2.5	2.5	ZQV 2.5N	•	•	•			
ZSI 2.5	2.5	ZQV 6	•	•	•			
ZSI 2.5 2x2AN	2.5	ZQV 4	•	•	•			
ZSI 2.5/2	2.5	ZQV 2.5	•	•	•			
ZT 2.5 ...	2.5	ZQV 2.5N	•	•	•	•	•	•
ZT 2.5/4AN/4	2.5	ZQV 2.5N	•	•	•			
ZP 2.5 ... QV	2.5	ZQV 2.5N	•	•	•			
ZRV 2.5 ...	2.5	ZQV 2.5 / ...	•	•	•			
ZDU 4 ...	4		•	•	•			
ZDK 4-2 ...	4		•	•	•			
ZDK 4-2 V	4		•	•	•	not bridgeable on top		
ZDK 4-2 ... PE	4		•	•	•	not bridgeable at bottom		
ZT 4 ...	4		•	•	•	•	•	•
ZDU 6	6		•	•	•			
ZDU 6-2 ...	6		•	•	•			
ZSI 6-2 ...	6		•	•	•			
ZTR 6-2	6		•	•	•			
ZDU 10 ...	10		•			•		
ZPE 10 ...	10		•			•		
ZDU 16	16		•			•		
ZPE 16	16		•			•		
ZDU 35	35		•			•		
ZPE 35	35		•			•		



Spring connection with tension clamp technology (Z-Series) Accessories – Electrical supply

Cross-connections according to dimensions

ZQV 1.5



Technical data	
Rated current	
Ordering data	
	1-pole
	2-pole
	3-pole
	4-pole
	5-pole
	6-pole
	7-pole
	8-pole
	9-pole
	10-pole
	20-pole
	24-pole
Note	

17.5 A		
Type	Qty.	Order No.
ZQV 1.5/2	60	1776120000
ZQV 1.5/3	60	1776130000
ZQV 1.5/4	60	1776140000
ZQV 1.5/5	20	1776150000
ZQV 1.5/10	20	1776200000
Note		

ZQV 2.5



24 A		
Type	Qty.	Order No.
ZQV 2.5/2	60	1608860000
ZQV 2.5/3	60	1608870000
ZQV 2.5/4	60	1608880000
ZQV 2.5/5	20	1608890000
ZQV 2.5/6	20	1608900000
ZQV 2.5/7	20	1608910000
ZQV 2.5/8	20	1608920000
ZQV 2.5/9	20	1608930000
ZQV 2.5/10	20	1608940000
ZQV 2.5/20	20	1908960000
Note		

ZQV 4



32 A		
Type	Qty.	Order No.
ZQV 4/2 GE	60	1608950000
ZQV 4/3 GE	60	1608960000
ZQV 4/4 GE	60	1608970000
ZQV 4/5 GE	20	1608980000
ZQV 4/6 GE	20	1608990000
ZQV 4/7 GE	20	1609000000
ZQV 4/8 GE	20	1609010000
ZQV 4/9 GE	20	1609020000
ZQV 4/10 GE	20	1609030000
ZQV 4/20 GE	20	1909010000
Note		

Cross-connections according to dimensions

ZQV 35-10

Reducing cross-connection



Technical data	
Rated current	
Ordering data	
	1-pole
	2-pole
	3-pole
	4-pole
	5-pole
	6-pole
	7-pole
	8-pole
	9-pole
	10-pole
	20-pole
	24-pole
Note	

125 A		
Type	Qty.	Order No.
ZQV 35-10	10	7920100000
Note		

ZQV 2.5N



24 A		
Type	Qty.	Order No.
ZQV 2.5N/2 GE	60	1693800000
ZQV 2.5N/3 GE	60	1693810000
ZQV 2.5N/4 GE	60	1693820000
ZQV 2.5N/5 GE	20	1693830000
ZQV 2.5N/6 GE	20	1693840000
ZQV 2.5N/7 GE	20	1693850000
ZQV 2.5N/8 GE	20	1693860000
ZQV 2.5N/9 GE	20	1693870000
ZQV 2.5N/10 GE	20	1693880000
Note		

ZQB 2.5



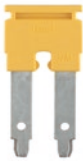
24 A		
Type	Qty.	Order No.
ZQB 2.5-2	50	1677120000
Note		

ZQV 6



41 A		
Type	Qty.	Order No.
ZQV 6/2 GE	60	1627850000
ZQV 6/3 GE	60	1627860000
ZQV 6/4 GE	60	1627870000
ZQV 6/24 GE	10	1908990000

ZQV 10/2



57 A		
Type	Qty.	Order No.
ZQV 10/2	25	1739680000
Only with use of 2 dummy cables		

ZQV 16/2



76 A		
Type	Qty.	Order No.
ZQV 16/2	25	1739690000
Only with use of 2 dummy cables		

ZQV 35/2



125 A		
Type	Qty.	Order No.
ZQV 35/2	10	1739700000

ZQS 2.5



24 A		
Type	Qty.	Order No.
ZQS 2.5/2	20	1633200000
ZQS 2.5/3	20	1633210000
ZQS 2.5/4	20	1633220000
ZQS 2.5/5	20	1633230000

ZVQ 2.5/1.5



24 A		
Type	Qty.	Order No.
ZVQ 2.5/1.5	50	1720700000



Spring connection with tension clamp technology (Z-Series)

Accessories – test/check

Test adapter

The ZTA snap-on test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
1-pole	
with snap-in pegs	
Note	

ZTA 1

For terminal width 5.1 mm



Width / Length / Height	mm	5.1 / / 31.5
Stripping length	mm	6
Rated data		
Rated voltage	V	9
Rated current	A	9
for wire cross-section	mm ²	1.5
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	0.5...1.5
Flexible / Flexible with ferrule	mm ²	0.5...1.5
Ordering data		
Type	Qty.	Order No.
ZTA 1	25	1609040000
ZTA 1/ZA	25	1609050000
Note		

ZTA 2

For terminal width 6.1 mm



Width / Length / Height	mm	6.1 / / 31.5
Stripping length	mm	6
Rated data		
Rated voltage	V	9
Rated current	A	9
for wire cross-section	mm ²	1.5
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	0.5...1.5
Flexible / Flexible with ferrule	mm ²	0.5...1.5
Ordering data		
Type	Qty.	Order No.
ZTA 2 ZDU4	25	1609060000
ZTA 2/ZA ZDU4	25	1609070000
Note		

ZTA 3

For terminal width 8.1 mm



Width / Length / Height	mm	8.1 / / 31.5
Stripping length	mm	6
Rated data		
Rated voltage	V	9
Rated current	A	9
for wire cross-section	mm ²	1.5
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	0.5...1.5
Flexible / Flexible with ferrule	mm ²	0.5...1.5
Ordering data		
Type	Qty.	Order No.
ZTA 3 ZDU6	25	1654050000
Note		

Test adapter

The ZTA snap-on test adapter is used as an individual slice and also as a test adapter strip for measurements. The test adapter simply clips onto the terminal and thus guarantees reliable contact with the live busbar.

Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
1-pole	
with snap-in pegs	
Note	

ZTA 6

For terminal width 6.1 mm



Width / Length / Height	mm	6.1 / / 31.5
Stripping length	mm	6
Rated data		
Rated voltage	V	17.5
Rated current	A	17.5
for wire cross-section	mm ²	1.5
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	0.5...1.5
Flexible / Flexible with ferrule	mm ²	0.75...1.5
Ordering data		
Type	Qty.	Order No.
ZTA 6/ZA	25	1780660000
Note		

ZTA 7

For terminal width 8.1 mm



Width / Length / Height	mm	8.1 / / 31.5
Stripping length	mm	6
Rated data		
Rated voltage	V	9
Rated current	A	9
for wire cross-section	mm ²	1.5
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	0.5...1.5
Flexible / Flexible with ferrule	mm ²	0.5...1.5
Ordering data		
Type	Qty.	Order No.
ZTA 7/ZA	25	1780670000
Note		

ZTA ZT2.5

For terminal width 5.1 mm



Width / Length / Height	mm	5.1 / / 20
Stripping length	mm	10
Rated data		
Rated voltage	V	17.5
Rated current	A	1
for wire cross-section	mm ²	1
Clamped conductors (H05V/H07V)		
Solid / Stranded	mm ²	0.5...1
Flexible / Flexible with ferrule	mm ²	0.5...1
Ordering data		
Type	Qty.	Order No.
ZTA ZT2.5	25	1827080000
ZTA ZT2.5/ZA	25	1847600000
Note		

ZTA 4

For terminal width 5.1 mm



5.1 / / 31		
10		
11		
1.5		
0.5...1.5		
0.5...1.5		
Type	Qty.	Order No.
ZTA 4	25	1688110000

Test plug

The test points for the PS 2.3 and PS 2.0 test plugs are available for most Z-Series terminals. Quick measurements can be made by inserting the test plug into the opening provided.

Technical data	
current / current	-
Ordering data	Test plug
Note	

PS

Plug diameter 2.0 mm



Type	Qty.	Order No.
PS 2.0 OR	20	0293800000

PS 2.3 RT

Plug diameter 2.3 mm



Type	Qty.	Order No.
PS 2.3 RT	20	0180400000



Spring connection with tension clamp technology (Z-Series)
Accessories – PS ZQV test probes

PS ZQV test probes

PS ZQV



- Safe and hand-free measuring of terminals
- Insert into the ZQV contact
- Very flexible silicone safety-measurement cables connect to any measurement instrument.



Technical data

Rated voltage
Max. voltage of clamp support & pluggable system
Weight
Note

Ordering data

Version
Note

Test probes
1000
1000 V
For Feed-through terminals with a pitch of 3.5 mm to 8 mm.

Type	Qty.	Order No.
PS_ZQV_SET	1	1116710000
PS_ZQV	1	1121740000
1x measuring probe red, 1x measuring probe black.		

Reducing sleeves

The use of reducing sleeves simplifies the connection of conductors with smaller cross-sections. Conductors can be reliably inserted into the center of the clamping point without the strands fraying.

Technical data		
Product type		
Ordering data		
Type	0,13...0,2 mm², white	
	0,25...0,5 mm², grey	
	0,75...1,0 mm², dark grey	
Note		

ZRH 1.5 S



Reducing sleeve		
Type	Qty.	Order No.
ZRH 1.5S/1	500	1781950000
Packaged in sets of 100 x 10-pole strips		

ZRH 1.5 H



Reducing sleeve		
Type	Qty.	Order No.
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
Packaged in sets of 100 x 10-pole strips		

ZRH 1.5N



Reducing sleeve		
Type	Qty.	Order No.
ZRH 1.5N/1	1000	1632140000
ZRH 1.5N/2	1000	1632130000
Packaged in sets of 100 x 10-pole strips		

ZRH 2.5



Reducing sleeve		
Type	Qty.	Order No.
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/VO	1000	1614290000
ZRH 2.5/3	1000	1614280000
Packaged in sets of 100 x 10-pole strips		

ZRH 4



Reducing sleeve		
Type	Qty.	Order No.
ZRH 4/1 WS	1000	1636640000
Packaged in sets of 100 x 10-pole strips		

Label

TheBZTmarking tags enable you to label the middle of the marking channel with theWS 10/5tags. The marking tags can be put together with pins in order to achieve the greatest degree of stability.

Technical data		
Product type		
Ordering data		
Type	one-sided, without peg	
	one-sided, with peg	
	two-sided, without peg	
Note		

BZT 1/BZT 2

Tag carriers



Marker holder		
Type	Qty.	Order No.
BZT 1 WS 10/5	100	1805490000
BZT 1 ZA WS 10/5	100	1805520000
BZT 2 WS 10/5	100	1805480000

Additional connection

The contact element is placed in the cross-section channel and the latch clip in the screwdriver channel. It should then be pressed down until the end stop. The pitch spacing is 6 mm. Therefore only every other terminal can be occupied.

Dimensions	
Width / Length / Height	mm
Stripping length	-
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage	-
Pollution severity	-
Ordering data	
Type	with snap-in pegs
Note	

ZZA 2.5/ZA



Dimensions		
Width / Length / Height	mm	6.1 / 21-50
Rated data		
Rated voltage	V	400
Rated current	A	17.5
for wire cross-section	mm²	2.5
Rated impulse withstand voltage	-	6 kV
Pollution severity	-	3
Ordering data		
Type	Qty.	Order No.
ZZA 2.5/ZA	50	1649350000

Component plug

The component plug is used for fitting electronic components. If needed, the BZS 1 can be snapped on to the upper or lower cross-connection channel on the ZDK 2.5 tension-clamp terminals.

Dimensions	
Width / Length / Height	mm
Stripping length	-
Rated data	
Rated voltage	V
Rated voltage with LED	
Rated current	A
Rated current with LED	
Rated impulse withstand voltage	-
Pollution severity	-
Ordering data	
Type	for holding 2 LEDs
Note	

ZBS



10 / 22.3		
250		
30 V		
6		
1:00 AM		
4 kV		
3		
Type	Qty.	Order No.
ZBS1 F.D SET	10	1764550000

Spring connection with tension clamp technology (Z-Series)
Accessories – Other functions

SIHA fuse holder

For 5 x 20 G-fuse cartridges

The SIHA fuse holder converts a simple disconnect terminal into a fuse terminal in next to no time. Simply remove the isolating lever and insert the fuse plug.

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement

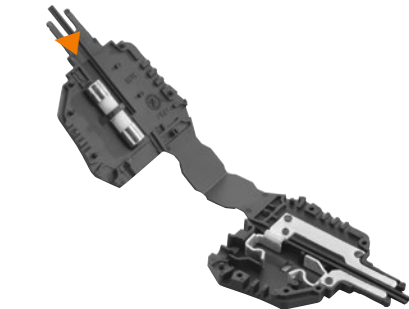


- Marking position for Dekafix 5 and space for the E-Fix self-adhesive label, size 8/20



1. Open fuse holder with fingers or screwdriver.

2. Press out old fuse.



3. Position new fuse.



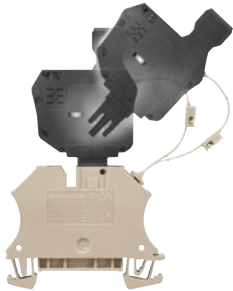
4. Press fuse holder together again with fingers or screwdriver.

SIHA 3



without LED	Qty.	Order No.
SIHA3/G20	400 V	1 7921560000
with LED (red)		
SIHA3/G20	10 - 36 V	1 7921570000
	35 - 70 V	1 7921580000
	60 - 150 V	1 7921590000
	140 - 250 V	1 7921600000
For test-disconnect terminals versions		
ZTR 2.5/4 AN		
ZTR 2.5...		
ZTR 2.5-2		

SIHA STRAP



with strap	Qty.	Order No.
SIHA STRAP	20	9537680000

- Connector for "retro-fit" assembly
- Receptacle in the terminal is the marking position
 - Integrated marking position on the strap
 - Slots into fuse holder either on the left or on the right

Component isolating plugs

Fuse carrier ZST 1

The ZST 1 fuse-carrier can hold 6 device fuses (5 x 20 or 5 x 25 mm) which are available to be used during servicing work.

Ordering data
Note

Component plug (up to 250 V)

- Supports reversal

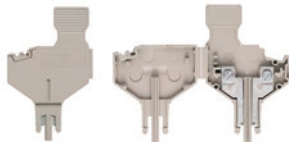
Ordering data
without
with wire jumper
with 1N4007 diode
Note

ZST 1



Type	Qty.	Order No.
ZST 1	25	1269070000

BEST



Type	Qty.	Order No.
BEST	50	1833100000
BEST/DRBR	50	1878570000
BEST/D	50	1878560000

Accessories holder ZST

The ZST group carrier is used for temporary "parking" of test plugs, cross-connections and fuses which are used during service work. The group carrier can be snapped on to the end of a terminal strip or to the TS 35 rail.

Ordering data
Note

Disconnect plug

Ordering data
yellow
Note

ZST



Type	Qty.	Order No.
ZST	10	1678680000

TNST



Type	Qty.	Order No.
TNST	50	1833090000



Reliability connects

Klippon® Connect sets standards with clamping yoke technology

Whatever your requirements for the panel: our screw connection system with patented clamping yoke technology ensures the ultimate in contact safety. You can use both screw-in and plug-in cross-connections for potential distribution. Two conductors of the same diameter can also be connected in a single terminal point in accordance with UL1059. The screw connection has long been an established connection element to meet exacting demands in terms of reliability and functionality. And our W-Series is still setting standards.

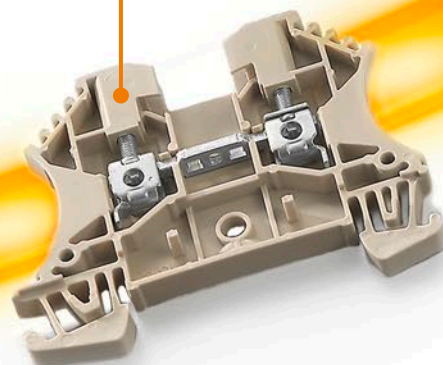


Our promise

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

Flexibility

- The maintenance-free connection means the clamping screw does not need to be re-tightened
- Can be clipped to or removed from the terminal rail in either direction



Time saving

- Quick installation as the products are delivered with clamping yoke open
- Identical contours for easier planning

Space saving

- Small „W-Compact“ size saves space in the panel
- Two conductors can be connected for each contact point

Safety

- The clamping yoke properties compensate for temperature-indexed changes to the conductor to prevent loosening
- Vibration-resistant connectors – ideal for applications in harsh conditions
- Protection against incorrect conductor entry
- Copper current bar for low voltages, clamping yoke and screw made of hardened steel
- Precise clamping yoke and current bar design for safe contact with even the smallest of conductors

Overview

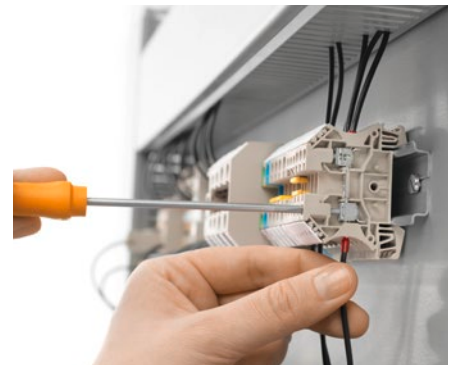
You can rely on it: thanks to the range of models and real flexibility, our terminal blocks with clamping yoke technology can be used in a wide range of different applications.

Universal application:

Numerous national and international approvals and qualifications in accordance with a variety of application standards make the W-series a universal connection solution, especially in harsh conditions.

Varied product assortment with wide clamping range:

Our terminal blocks with clamping yoke technology are available in both standard and compact designs. The compact design covers wire cross-sections from 0.05 mm² to 150 mm² and helps save space in the panel. The standard version covers conductor cross sections of up to 240 mm². The identical contours of the terminal blocks make configuration easier and reduces the quantity of accessories required.



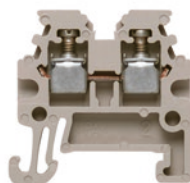
Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

WDU 1.5/R 3.5

1.5 mm²

Feed-through terminal for TS 15



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 24.5 x 24	
17.5 / 1.5	
0.13...1.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
	dark beige
	beige
	Blue
Note	

Accessories

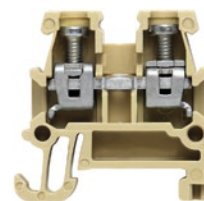
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Test plug
	Socket
Marking tags	
Plug-in cross-connection	
	2-pole
	10-pole

For detailed information on other accessories and application in the online catalogue



AKZ 1.5

1.5 mm²

Feed-through terminal for TS 15



5.1 x 24.8 x 24	
24 / 2.5	
0.21...2.5	

IEC 60947-1	Ex eb II C Gb	 II 2 G D	
IEC	UL	CSA	EN 60079-7
250	150	300	220
17.5	15	10	17.5
1.5	AWG 22...14	AWG 24...16	2.5 mm²
4 kV / 3			
A1 / V-2			
		TUEV18ATEX8221U	
Rated connection	Further connection		
0.5...2.5 / 1.5...1.5			
0.5...1.5 / 0.5...1.5			
/ (M 2.5)			
7 / 3.0 x 0.5 mm			
0.5...1			

Type	Qty.	Order No.
AKZ 1.5	100	0340460000
AKZ 1.5 BL	100	0340480000
AKZ 1.5 order No. 0340460000 and 0340480000 made of PA with flammability rating acc. to UL 94/V-2		

Type	Qty.	Order No.
Q 2 AKZ1.5	24 A 50	0368200000
Q 10 AKZ1.5	24 A 20	0368500000
AP AKZ1.5	50	0340560000
AP AKZ1.5 BL	50	0340580000
EW 15	50	0382860000
PS 2.3 RT	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
DEK 5/5 MC NE WS	1000	1609801044
ZQV 1.5N/R3.5/2 GE	17.5 A 50	1754210000
ZQV 1.5N/R3.5/10 GE	17.5 A 20	1754290000

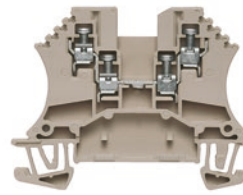
Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".

WDU 1.5/ZZ

1.5 mm²

Twin connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 60 x 46.5	
23 / 2.5	
0.13...2.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
dark beige	
Blue	
Note	

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
Screwable cross-connection	
2-pole	
10-pole	
End plate / Partition plate	
dark beige	
Blue	
dark beige	
Blue	
End bracket	
dark beige	
Testing / Checking	
Standard	
With spigot	
Cover	
With lightning flash symbol	
Blank, white	
Marking tags	

For detailed information on other accessories and application in the online catalogue

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	550
17.5	25	10	17.5
1.5	AWG 26...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A1 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
0.5...2.5 / 0.5...2.5		0.5...2.5 / 0.5...2.5	
0.5...1.5 / 0.5...1.5		0.5...1.5 / 0.5...1.5	
/ (M 2.5)		/ (M 2.5)	
7 / 0.6 x 3.5 mm		7 / 0.6 x 3.5 mm	
0.5...1		0.5...1	
0.5...1 / 0.5...0.75		0.5...1 / 0.5...0.75	

Note the max. current of the terminal (23 A) when using the WDV cross-connector!

Type	Qty.	Order No.
WDU 1.5/ZZ	100	1031400000
WDU 1.5/ZZ BL	100	1031480000

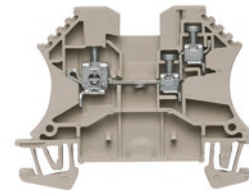
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Cross-connections, socket and test plug, see section "W series accessories".

WDU 2.5/1.5/ZR

2.5 mm²

Supplementary connection, right



5.1 x 60 x 46.5	
32 / 4	
0.05...4	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800	300	300	690
24	20	20	24
2.5	AWG 30...12	AWG 26...14	2.5 mm ²
8 kV / 3			
A3, A1 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
0.5...4 / 1.5...4		0.5...2.5 / 0.5...2.5	
0.5...4 / 0.5...2.5		0.5...1.5 / 0.5...1.5	
/ (M 2.5)		/ (M 2.5)	
10 / 0.6 x 3.5 mm		7 / SD 0.6 x 3.5	
0.5...1		0.5...1	
0.5...1.5 / 0.5...1.5		0.5...1.5 / 0.5...1.5	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WDU 2.5/1.5/ZR	100	1024700000
WDU 2.5/1.5/ZR BL	100	1024780000

The rated voltage is 400 V when using the ZQV cross-connector, additional connection (right 1.5 mm²)

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Note: Use a 2.5 / 1 mm² conductor with the WQB. Cross-connections, see section "W series accessories".

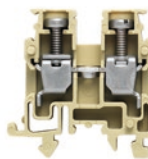
Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

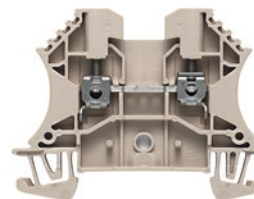
AKZ 2.5

2.5 mm²

Feed-through terminal for TS 15



WDU 2.5

2.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	-
Note	







Ordering data

Version	
	dark beige
	beige
	Blue
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
	With spigot
	Test plug
	Socket
Cover	
	Blank, yellow
	Blank, white
	With lightning flash symbol
Marking tags	
For detailed information on other accessories and application in the online catalogue	

5.1 x 25.5 x 26.3
32 / 4
0.13...4










IEC 60947-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
250	300	300	220
24	10	10	24
2.5	AWG 26...12	AWG 26...10	4 mm ²
4 kV / 3			
A3 / V-2			
    			TUEV18ATEX8221U
Rated connection		Further connection	
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...2.5			
/ (M 2.5)			
7 / 0.5 x 3.0 mm			
0.5...1.5			

Type	Qty.	Order No.
AKZ 2.5	100	0697160000
AKZ 2.5 BL	100	0697180000
AKZ 2.5 order No. 0697160000 and 0697180000 made of PA with flammability rating acc. to UL 94/V-2		

Type	Qty.	Order No.
Q 2 AKZ1.5	24 A 50	0368200000
Q 10 AKZ1.5	24 A 20	0368500000
AP AKZ2.5	50	0697360000
AP AKZ2.5 BL	50	0697380000
TW AKZ2.5	20	0318560000
EW 15	50	0382860000
PS 2.3 RT	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
DEK 5/5 MC NE WS	1000	1609801044

Cross-connections, see section "W series accessories".

5.1 x 60 x 46.5
32 / 4
0.05...4

IEC 60947-1	Ex eb II C Gb	 II 2 G D	
IEC	UL	CSA	EN 60079-7
800	600	600	690
24	25	20	24
2.5	AWG 30...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
       		DEMKO14ATEX1338U	
Rated connection		Further connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
2.5 mm ² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).			

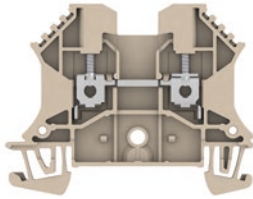
Type	Qty.	Order No.
WDU 2.5	100	1020000000
WDU 2.5 BL	100	1020080000
Rated voltage is 400 V when using the cross-connector. For colour versions, see section on W-series Accessories		

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
WAD 5 MC NE GE	48	1112920000
WAD 5 MC NE WS	48	1112910000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Ensure 2.5 mm² max. when using the WQB. Only 400 V with the use of shield bus LS 2.8 1056400000.

WDU 2.5 HV

2.5 mm²



5.1 x 60 x 46.5
32 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
24			
2.5			
8 kV / 3			
A3 / V-0			

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/(M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5 / 0.5...1.5	

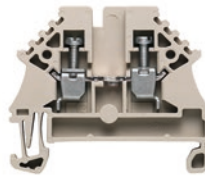
Type	Qty.	Order No.
WDU 2.5 HV	100	1412950000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
WAD 5 MC NE GE	48	1112920000
WAD 5 MC NE WS	48	1112910000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

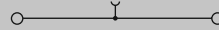
WDU 2.5N

2.5 mm²

With screwable cross-connection
Compact design



5.1 x 44 x 37
32 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	352
24	20	20	24
2.5	AWG 22...12	AWG 26...12	2.5 mm ²
6 kV / 3			
A3 / V-0			

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/(M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
2.5 mm ² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).	

Type	Qty.	Order No.
WDU 2.5N	100	1023700000
WDU 2.5N BL	100	1023780000

For colour versions, see section on W-series Accessories - specific functions.

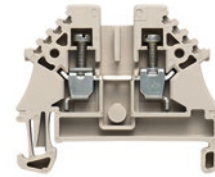
Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDU2.5N/4N	50	1060000000
WAP WDU2.5N/4N BL	50	1060080000
EW 35	50	0383560000
WTA 1 WDU1.5	6 A 25	1632290000
WTA 1/ZA WDU1.5	6 A 25	1632300000
WAD 4 WS	50	1072100000
WAD 4 GE BED	50	1072000000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Socket and test plug, see section "W-Series accessories".

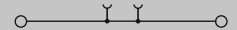
WDU 2.5N/ZQV

2.5 mm²

With pluggable cross-connection
Compact design



5.1 x 44 x 37
32 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500		300	
24		25	
2.5		AWG 26...12	
6 kV / 3			
A3 / V-0			

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.25...2.5	
/(M 2.5)	
10 / 0.6 x 3.5 mm	
0.5...1.5	
0.5...1.5 / 0.5...1.5	
2.5 mm ² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).	

Type	Qty.	Order No.
WDU 2.5N ZQV	100	1040800000
WDU 2.5N ZQV BL	100	1040880000

Rated voltage is 400 V when using the ZQV cross-connector.

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDU2.5N/4N	50	1060000000
WAP WDU2.5N/4N BL	50	1060080000
EW 35	50	0383560000
WTA 1 WDU1.5	6 A 25	1632290000
WTA 1/ZA WDU1.5	6 A 25	1632300000
WAD 4 WS	50	1072100000
WAD 4 GE BED	50	1072000000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Cross-connections, see section "W series accessories".

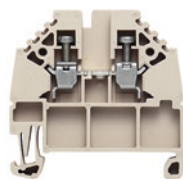
Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

WDU 2.5N/600 UL

2.5 mm²

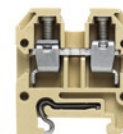
Compact design



AKZ 4

4 mm²

Feed-through terminal for TS 15



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²



5.1 x 44 x 42.7	
32 / 4	
0.05...4	








6.1 x 27 x 29	
41 / 6	
0.13...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
24	25	20	
2.5	AWG 22...12	AWG 26...12	
8 kV / 3			
A3 / V-0			
CE  ENE 			
Rated connection		Further connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			
0.5...1.5 / 0.5...1.5			
/ 0.5...1.5			
2.5 mm ² conductor with ferrule with plastic collar, with the collar optimised for diameter only (order No. 1333100000, QTY 500).			

IEC 60947-7-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
400	300	300	275
32	27	10	32
4	AWG 26...12	AWG 24...12	6 mm ²
6 kV / 3			
A3 / V-2			
     			TUEV18ATEX8221U
Rated connection		Further connection	
0.5...6 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 3)			
8 / 0.6 x 3.5 mm			
0.5...1.5 / 0.5...1.5			

Ordering data

Version	
	dark beige
	beige
	Blue
Note	

Type	Qty.	Order No.
WDU 2.5N/600UL	100	1730940000

Type	Qty.	Order No.
AKZ 4	100	0294360000
AKZ 4 BL	100	0294380000
AKZ 4 order No. 0294360000 and 0294380000 made of PA with flammability rating acc. to UL 94/V-2		

Accessories

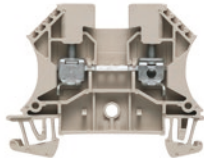
Plug-in cross-connection	
	2-pole
	10-pole
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
	With spigot
	Test plug
	Socket
Cover	
	Blank, white
	Blank, yellow
	With lightning flash symbol
Marking tags	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDU2.5N/4N	50	1060000000
WAP WDU2.5N/4N BL	50	1060080000
WEW 35/2	50	1061200000
WTA 1 WDU1.5	6 A 25	1632290000
WTA 1/ZA WDU1.5	6 A 25	1632300000
WAD 4 WS	50	1072100000
WAD 4 GE BED	50	1072000000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MC NE WS	1000	1609801044
DEK 5/5 MM WS	800	2007110000
WS 12/5 MC NE WS	720	1609860000
Socket and test plug, see section "W-Series accessories".		

Type	Qty.	Order No.
Q 2 AKZ4	24 A 50	0336400000
Q 10 AKZ4	24 A 20	0368600000
AP AKZ4	20	0294460000
AP AKZ4 BL	20	0294480000
TW AKZ4	50	0348260000
EW 15	50	0382860000
PS 2.3 RT	20	0180400000
STB 8.5/D4/2.3/M2.5 AKZ	50	0215700000
DEK 5/6 MC NE WS	1000	1609820000
Cross-connections, see section "W series accessories".		

WDU 4

4 mm²



6.1 x 60 x 46.5
41 / 6
0.13...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	690
32	35	35	32
4	AWG 26...10	AWG 26...10	4 mm ²

8 kV / 3

A4 / V-0

DEMKO14ATEX133BU

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
/ (M 3)	
10 / 0.6 x 3.5 mm	

0.5...2.5

0.5...1.5 / 0.5...1.5

Rated voltage is 400 V when using the ZQV cross-connector.
Note max. current of terminal (41 A) when using WQV!

Type	Qty.	Order No.
WDU 4	100	1020100000
WDU 4 BL	100	1020180000

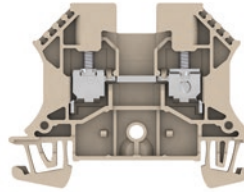
1000 VDC rated voltage tested. Rated voltage is 400 V when using the cross-connector. For alternative colours, see section on W-series accessories

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WTA 3/ZA WDU4	6 A 25	1632360000
WAD 5 MC NE WS	48	1112910000
WAD 5 MC NE GE	48	1112920000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

Socket and test plug, see section "W series accessories". Only 400 V with the use of shield bus LS 2.8 1056400000.

WDU 4 HV

4 mm²



6.1 x 60 x 46.5
41 / 6
0.13...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
32			
4			

8 kV / 3

A4 / V-0

DEMKO14ATEX133BU

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...6 / 0.5...4	
/ (M 3)	
10 / 0.6 x 3.5 mm	

0.5...2.5

0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDU 4 HV	100	1412960000

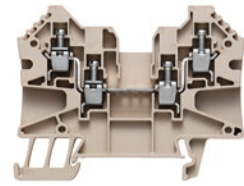
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WTA 3/ZA WDU4	6 A 25	1632360000
WAD 5 MC NE WS	48	1112910000
WAD 5 MC NE GE	48	1112920000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000

Cross-connections, see section "W series accessories".

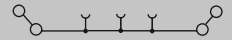
WDU 4/ZZ

4 mm²

Twin connection



6.1 x 70 x 53
32 / 6
0.05...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	690
32	30	30	29.5
4	AWG 30...10	AWG 30...10	4 mm ²

8 kV / 3

A4 / V-0

DEMKO14ATEX133BU

Rated connection	Further connection
0.5...6	
0.5...4	
/ (M 3)	
10 / 0.6 x 3.5 mm	

0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDU 4/ZZ	50	1905060000
WDU 4/ZZ BL	50	1114720000

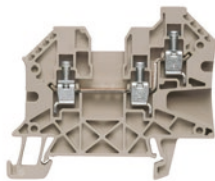
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WTA 3/ZA WDU4	6 A 25	1632360000
WAD 5 MC NE WS	48	1112910000
WAD 5 MC NE GE	48	1112920000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000

Cross-connections, see section "W series accessories".



Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

WDU 4/ZR 4 mm²
Supplementary connection, right



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

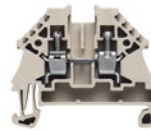
Version	
	dark beige
	Blue
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
	With spigot
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	

For detailed information on other accessories and application in the online catalogue

WDU 4N 4 mm²
Compact design



6.1 x 44 x 37.7
39 / 6
0.13...6

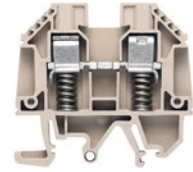
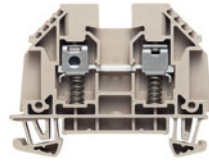
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
8 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4 mm ²
6 kV / 3			
A4 / V-0			
IEC 60947-1			
Ex eb II C Gb Ex II 2 G D			
IEC	UL	CSA	EN 60079-7
500	300	300	352
32	10	10	31
4	AWG 26...10	AWG 26...10	4

WDU 4 SL

4 mm²

WDU 4 SL/EN

4 mm²








Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²






6.1 x 60 x 46.5	
41 / 6	
0.22...6	

6.1 x 60 x 51.5	
41 / 6	
0.22...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
630	600	300	440
32	30	25	32
4	AWG 22...10	AWG 22...10	4 mm²
6 kV / 2			
A4 / V-0			
   		DEMKO14ATEX1338U	
Rated connection		Further connection	
0.5...6 / 1.5...6			
0.5...4			
/ (M 3)			
15 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
Note the max. current of the terminal (41 A) when using the cross-connector!			

IEC 60947-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
630	600	300	690
32	30	25	32
4	AWG 22...10	AWG 22...10	4 mm ²
6 kV / 2			
A4 / V-0			
   		DEMKO14ATEX1338U	
Rated connection		Further connection	
0.5...6 / 1.5...6			
0.5...4			
/ (M 3)			
15 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
Note the max. current of the terminal (41 A) when using the cross-connector!			

Ordering data

Version	
dark beige	
dark beige	
Blue	
Note	

Type	Qty.	Order No.
WDU 4 SL	50	9537440000
WDU 4 SL BL	50	9203060000
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Type	Qty.	Order No.
WDU 4 SL/EN	50	9537450000
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Accessories

Screwable cross-connection	
2-pole	
10-pole	
End plate / Partition plate	
dark beige	
Blue	
dark beige	
Blue	
End bracket	
dark beige	
Testing / Checking	
Standard	
Cover	
Blank, yellow	
Blank, white	
Marking tags	
Plug-in cross-connection	
2-pole	
10-pole	
Hak. Cable lugs	
For detailed information on other accessories and application in the online catalogue	

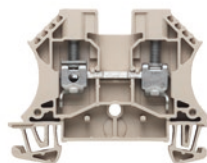
Type	Qty.	Order No.
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WS 12/6 MC NE WS	600	1609900000
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
Cross-connections, see section "W series accessories".		

Type	Qty.	Order No.
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WS 12/6 MC NE WS	600	1609900000
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
Cross-connections, socket and test plug, see section "W series accessories". Only 400 V with the use of shield bus LS 2.8 1056400000.		

Feed-through terminal blocks



WDU 6 6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data











Version	dark beige dark beige Blue
Note	

Accessories

Screwable cross-connection	2-pole 10-pole
End plate / Partition plate	dark beige Blue dark beige Blue
End bracket	dark beige
Testing / Checking	Standard
Cover	Blank, yellow Blank, white
Marking tags	
Plug-in cross-connection	2-pole 10-pole
Hak. Cable lugs	
For detailed information on other accessories and application in the online catalogue	

7.9 x 60 x 46.5
57 / 10
0.22...10



IEC 60947-2-1	Ex eb II C Gb		II 2 G D
IEC	UL	CSA	EN 60079-7
800	600	600	690
41	50	50	41
6	AWG 22...8	AWG 22...8	6 mm ²
8 kV / 3			
A5 / V-0			
        			DEMKO14ATEX1338U
Rated connection		Further connection	
0.5...10 / 1.5...10			
0.5...10 / 0.5...6			
/ (M 3.5)			
12 / 0.8 x 4.0 mm			
0.5...2.5			
0.5...2.5 / 0.5...2.5			
Note max. current of terminal (57 A) when using WQV! Wire connection H07V...10 and AWG 8 with tightening torque of 1.4-1.6 Nm.			

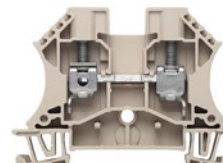
Type	Qty.	Order No.
WDU 6	100	1020200000
WDU 6 BL	100	1020280000

1000 V DC rated voltage tested.
For colour versions, see section on W-series Accessories - specific functions.


Type	Qty.	Order No.
WQV 6/2	57 A	50
WQV 6/10	57 A	20
WAP 2.5-10	50	
WAP 2.5-10 BL	50	
WAP 16+35 WTW 2.5-10	20	
WAP 16+35 WTW 2.5-10 BL	20	
WEW 35/2	50	
WTA 3 WDU4	6 A	25
WAD 8 MC NE GE	48	
WAD 8 MC NE WS	48	
DEK 5/8 MC NE WS	800	
WS 12/6.5 MC NE WS	540	
WS 8/8 MM WS	500	
DEK 5/8 MM WS	500	

Cross-connections, socket and test plug, see section "W series accessories". Only 400 V with the use of shield bus LS 2.8 1056400000.

WDU 6 HV **6 mm²**



7.9 x 60 x 46.5
57 / 10
0.22...10



IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			
41			
6			
	8 kV / 3		
	A5 / V-0		
C €			
Rated connection		Further connection	
0.5...10 / 1.5...10			
0.5...10 / 0.5...6			
/ (M 3.5)			
12 / 0.8 x 4.0 mm			
0.5...2.5 / 0.5...2.5			

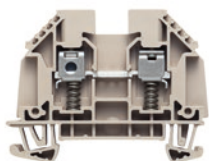
Type	Qty.	Order No.
WDU 6 HV	100	1412970000
WDU 6 IR	100	1393350000

Type		Qty.	Order No.
WQV 6/2	57 A	50	1052360000
WQV 6/10	57 A	20	1052260000
WAP 2.5-10		50	1050000000
WAP 2.5-10 BL		50	1050080000
WAP 16+35 WTW 2.5-10		20	1050100000
WAP 16+35 WTW 2.5-10 BL		20	1050180000
WEW 35/2		50	1061200000
WTA 3 WDU4	6 A	25	1632350000
WAD 8 MC NE GE		48	1112950000
WAD 8 MC NE WS		48	1112940000
DEK 5/8 MC NE WS		800	1856740000
WS 12/8 PLUS MC NE WS		420	1906000000
WS 8/8 MM WS		500	2007170000
DEK 5/8 MM WS		500	2007130000

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WDU 6 SL

6 mm²



7.9 x 60 x 46.5
57 / 6
0.5...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	150	300	275
41	50	45	40
6	AWG 20...8	AWG 20...8	6 mm ²

6 kV / 2

A5 / V-0



DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6	
0.5...6	
/(M 3.5)	
16 / 0.8 x 4.0 mm	
0.5	

ESI rated data: 500 V/24 A / Note the max. current of the terminal (57 A) when using the cross-connector!

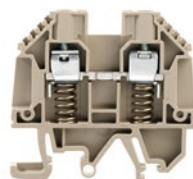
Type	Qty.	Order No.
WDU 6 SL	50	9537460000
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/10	57 A 20	1052260000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 5/1	6 A 25	1051260000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
WS 8/8 MM WS	500	2007170000
DEK 5/8 MM WS	500	2007130000
HBT 1.5 - 4.6 RT	100	1233340000
HBT 2.5 - 4.6 BL	100	1233330000
HBT 6.0 - 4.6 GE	100	1216230000

Cross-connections, see section "W series accessories".

WDU 6 SL/EN

6 mm²



7.9 x 60 x 51.1
57 / 6
0.5...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	150	300	440
41	50	45	40
6	AWG 20...8	AWG 20...8	6 mm ²

6 kV / 2

A5 / V-0



DEMKO14ATEX1338U

Rated connection	Further connection
0.5...6	
0.5...6	
/(M 3.5)	
16 / 0.8 x 4.0 mm	
0.5	

ESI rated data: 500 V/24 A / Note the max. current of the terminal (57 A) when using the cross-connector!

Type	Qty.	Order No.
WDU 6 SL/EN	50	9537470000
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/10	57 A 20	1052260000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WTA 5/1	6 A 25	1051260000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
WS 8/8 MM WS	500	2007170000
DEK 5/8 MM WS	500	2007130000
HBT 1.5 - 4.6 RT	100	1233340000
HBT 2.5 - 4.6 BL	100	1233330000
HBT 6.0 - 4.6 GE	100	1216230000

Cross-connections, see section "W series accessories".

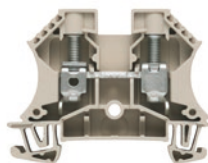
Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

WDU 10

10 mm²

WDU 10 IR









10 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

9.9 x 60 x 46.5	
76 / 16	
1.31...16	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-1				Ex eb II C Gb		II 2 G D
IEC	UL	CSA	EN 60079-7			
1000	600	600	690			
57	65	65	57			
10	AWG 18...6	AWG 18...6	10 mm ²			
8 kV / 3						
B6 / V-0						
      			DEMKO14ATEX1338U			
Rated connection			Further connection			
1.5...16 / 1.5...16						
1.5...16 / 1.5...16						
/ (M 4)						
12 / 1.0 x 5.5 mm						
1.5...6 / 0.5...6						
0.5...6 / 0.5...6						
Note max. current of terminal (76 A) when using WQV! Tighten AWG 6/7 and H07V-R16 to 2.4 Nm.						

Ordering data

Version	
	dark beige
	Blue
	black (combi clip-on foot TS 32/25)
Note	

Type	Qty.	Order No.
WDU 10	50	1020300000
WDU 10 BL	50	1020380000
1000 VDC rated voltage tested. For alternative colours, see section on W-series accessories - specific functions.		

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
Cover	
	Blank, yellow
	Blank, white
Marking tags	
Hak. Cable lugs	

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 3 WDU4	6 A 25	1632350000
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

Cross-connections, socket and test plug, see section "W series accessories". Only 400 V with the use of shield bus LS 2.8 1056400000.

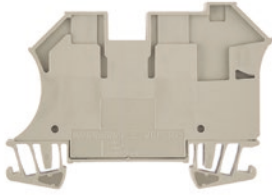
Type	Qty.	Order No.
WDU 10 IR	50	1393380000

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WTA 5/1	6 A 25	1051260000
WAD 8 MC NE GE	48	1112950000
WAD 8 MC NE WS	48	1112940000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WDU 10/ZR

10 mm²

Additional connection on right 4 mm²



9.9 x 70 x 49
76 / 16
1.31...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	65	65	
10	AWG 16...6	AWG 16...6	
8 kV / 3			
B6, A4 / V-0			

CE CE CE CE CE CE CE CE

Rated connection	Further connection
1.5...16 / 1.5...16	0.5...6 / 1.5...4
1.5...16 / 1.5...16	0.5...4 / 0.5...4
/(M 4)	
12 / 0.6 x 3.5 mm	10 / 0.6 x 3.5 mm

1.5...6
1...6 / 1...6

Note max. current of terminal (76 A) when using WQV1 Tighten AWG 6/7 and H07V-R16 to 2.4 Nm. Upper right ZR connection A 4.

Type	Qty.	Order No.
WDU 10/ZR	50	1042400000
WDU 10/ZR BL	50	1042480000

The measurement data relates to the 10 mm² connection.

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000

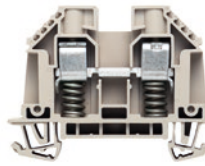
WEW 35/2	50	1061200000
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DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Cross-connections, socket and test plug, see section "W series accessories".

WDU 10 SL

10 mm²



9.9 x 60 x 46.25
76 / 10
1.31...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	150	300	352
57	50	65	55
10	AWG 16...8	AWG 16...6	10 mm ²
6 kV / 2			
A5 / V-0			

CE CE CE CE CE CE CE CE

Rated connection	Further connection
1.5...10 / 1.5...10	
1...6	
/(M 4)	
17 / 1.0 x 5.5 mm	

1.5...4
2.5...4 / 1...4

ESI rated data: 500 V/36 A / 16 mm² stranded connection must be tightened with 2 Nm.

Type	Qty.	Order No.
WDU 10 SL	50	9537480000

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000

WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000

WEW 35/2	50	1061200000
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WTA 5/1	6 A 25	1051260000
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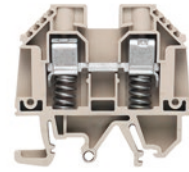
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000

Cross-connections, see section "W series accessories".

WDU 10 SL/EN

10 mm²



9.9 x 56.6 x 51.1
76 / 16
1.31...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	600	300	550
57	50	65	55
10	AWG 16...8	AWG 16...6	10 mm ²
6 kV / 2			
A6 / V-0			

CE CE CE CE CE CE CE CE

Rated connection	Further connection
1.5...16 / 1.5...16	
1...6	
/(M 4)	
17 / 1.0 x 5.5 mm	

1.5...4
2.5...4 / 1...4

ESI rated data: 500 V/36 A / 16 mm² stranded connection must be tightened with 2 Nm.

Type	Qty.	Order No.
WDU 10 SL/EN	50	9537490000

With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000

WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000

WEW 35/2	50	1061200000
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WTA 5/1	6 A 25	1051260000
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DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000

Cross-connections, see section "W series accessories".

Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

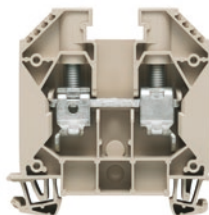
Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

WDU 16

16 mm²

With peg for higher connection stability



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 60 x 62.5
















101 / 25

0.82...25



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1			Ex eb II C Gb		II 2 G D
IEC	UL	CSA	EN 60079-7		
1000	600	600	690		
76	85	85	76		
16	AWG 18...4	AWG 18...6	16 mm ²		
8 kV / 3					
B7 / V-0					
             					

Ordering data

Version	
	without peg / dark beige
	with peg / blue
	with peg / dark beige
Note	

Type	Qty.	Order No.
WDU 16	50	1020400000
WDU 16 BL	50	1020480000
WDU 16/ZA	50	1028900000
Order No. 1020400000 and 1020480000 (blue) versions without pegs (50 pcs.)		

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	

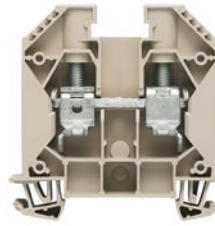
Type	Qty.	Order No.
WQV 16/2	101 A 50	1053260000
WQV 16/10	101 A 10	1053360000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 M.BL.	50	1055960000
WAD 12 NEUTRAL	50	1056260000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

Socket and test plug, see section "W-series accessories"

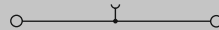
WDU 16 IR

16 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 60 x 62.5
101 / 25
0.82...25



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	690
76	85	85	76
16	AWG 18...4	AWG 18...6	16 mm ²

8 kV / 3

B7 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...25 / 1.5...16	
/ (M 5)	
16 / TX 15	

/ 1.5...6
1.5...6 / 1.5...6

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

Screwable cross-connection	
	2-pole
	10-pole
	4-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Cover	
	Blank, white
	With lightning flash symbol
Marking tags	
Testing / Checking	
	Standard

For detailed information on other accessories and application in the online catalogue

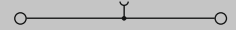
WDU 16N

16 mm²



Suitable for power distribution
Compact design

12 x 60 x 46.5
101 / 25
1.5...25



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690	600	300	
76	70	70	
16	AWG 14...6	AWG 14...6	

8 kV / 3

B7 / V-0

Rated connection	Further connection
1.5...16 / 1.5...25	
1.5...16 / 1.5...16	
/ (M 4)	
12 / 1.0 x 5.5 mm	

1.5...4
1.5...4 / 1.5...4

AWG 6/7 and H07V-R25 tighten with a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WDU 16N	50	1036100000
WDU 16N BL	50	1036180000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
WQV 16N/2	76 A 50	1636560000
WQV 16N/4	76 A 50	1636580000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 12N WS	50	1073290000
WAD 12N GE BED	50	1073200000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/12 MC NE WS	300	1905970000
WTA 2 WDU2.5-10	6 A 25	1632320000

Cross-connections, socket and test plug, see section "W series accessories".

Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

Identically contoured design of 2.5 to 10 mm² with identical end plates and partitions. An unmatched combination of many advantages!

The compact terminals are impressive for their small size and rated cross-section capacity.

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
	without peg / dark beige
	with peg / blue
	with peg / dark beige
Note	

Accessories

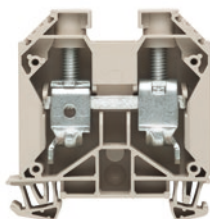
Screwable cross-connection	
	2-pole
	10-pole
	4-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	

For detailed information on other accessories and application in the online catalogue



WDU 35

35 mm²

Clamping screw / spigot for good connection stability



16 x 60 x 62.5	
150 / 50	
2.5...50	

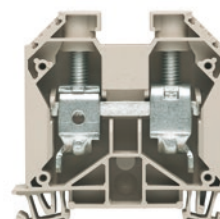
IEC 60947-7-1			Ex eb II C Gb		II 2 G D
IEC	UL	CSA	EN 60079-7		
1000	1000	600	690		
125	150	150	115		
35	AWG 12...0	AWG 12...NaN	35 mm²		
8 kV / 3					
B8 / V-0					
			DEMKO14ATEX1338U		
Rated connection		Further connection			
2.5...16 / 2.5...50					
2.5...35 / 2.5...35					
/ (M 6)					
18 / 6.5 x 1.2 mm					
2.5...10 / 16...16					
2.5...16 / 2.5...16					

Type	Qty.	Order No.
WDU 35	40	1020500000
WDU 35 BL	40	1020580000
WDU 35/ZA	40	1028800000
Order No. 1020500000 and 1020580000 (blue) versions without pegs (40 pcs.).		



Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 M.BL.	50	1055960000
WAD 12 NEUTRAL	50	1056260000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Cross-connections, socket and test plug, see section "W series accessories".

WDU 35 IR

35 mm²

16 x 60 x 62.5	
150 / 50	
2.5...50	

IEC 60947-7-1			Ex eb II C Gb		II 2 G D
IEC	UL	CSA	EN 60079-7		
1000	1000		690		
125	150		115		
35	AWG 12...0		35 mm²		
8 kV / 3					
B8 / V-0					
			DEMKO14ATEX1338U		
Rated connection		Further connection			
2.5...16 / 2.5...50					
2.5...35 / 2.5...35					
/ (M 6)					
18 / TX 20					

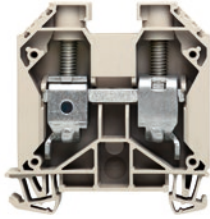
Type	Qty.	Order No.
WDU 35 IR	40	1393400000

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 M.BL.	50	1055960000
WAD 12 NEUTRAL	50	1056260000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

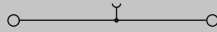
WDU 35 IK

35 mm²

Hexagonal socket / spigot for good connection stability



16 x 60 x 62.5
150 / 50
2.5...50



IEC 60947-7-1 Ex eb II C Gb  II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	690
125	150	150	115
35	AWG 12...NaN	AWG 12...NaN	35 mm ²

8 kV / 3

B8 / V-0

 DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
/ (M 6)	
18 / S4 (DIN 6911)	
2.5...10 / 16...16	
2.5...16 / 2.5...16	

Type	Qty.	Order No.
WDU 35/IK	25	1020600000
WDU 35/IK BL	25	1020680000
WDU 35/IK/ZA	25	1029000000

Order No. 1020600000 and 1020680000 (blue) versions without pegs (25 pcs.).

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 M.BL.	50	1055960000
WAD 12 NEUTRAL	50	1056260000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Cross-connections, socket and test plug, see section "W series accessories".

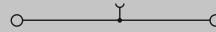
WDU 35N

35 mm²

Suitable for power distribution
Compact design



16 x 66 x 50.5
150 / 50
2.5...50



IEC 60947-7-1 Ex eb II C Gb  II 2 G D

IEC	UL	CSA	EN 60079-7
500	1000	600	352
125	150	150	110
35	AWG 12...0	AWG 12...2	35 mm ²

6 kV / 3

B8 / V-0

 DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
/ (M 6)	
18 / 6.5 x 1.2 mm	
2.5...6	
2.5...6 / 2.5...6	

1000 V DC rated voltage tested.

Type	Qty.	Order No.
WDU 35N	20	1040400000
WDU 35N BL	20	1040480000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.

Type	Qty.	Order No.
WQV 35N/2	125 A 20	1079200000
WQV 35N/4	125 A 20	1079400000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 16N GE BED	50	1083600000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Cross-connections, see section "W series accessories".





Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End bracket	
	dark beige
Cover	
	With lightning flash symbol
Additional connection	
	10 mm ²
Marking tags	
Screwdriver	
	Standard

For detailed information on other accessories and application in the online catalogue



WDU 50N

50 mm²

Compact design



18.5 x 70 x 69.6	
192 / 70	
10...70	

IEC 60947-7-1				Ex eb II	C Gb		II 2 G D
IEC	UL	CSA	EN 60079-7				
1000	600	600	690				
150	150	150	126				
50	AWG 10...0	AWG 8...0	50 mm²				
8 kV / 3							
B10 / V-0							
CCC CE CE ENE 			DEMKO14ATEX1338U				
Rated connection			Further connection				
10...16 / 10...70							
10...50							
/ (M 6)							
24 / S4 (DIN 6911)							
...16 / 6...16							
6...16 / 6...16							
1000 V DC rated voltage tested.							

Type	Qty.	Order No.
WDU 50N	10	1820840000
WDU 50N BL	10	1820850000
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.		

Type	Qty.	Order No.
WQV 50N/2	150 A 5	1834060000
WQV 50N/3	150 A 5	1834070000
WQV 50N/4	150 A 5	1834080000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 50N	41 A 5	1872720000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

Auxiliary connection for additional conductor "WZAD 50N" 1872720000 (up to 10 mm², 41 A). Cross-connections, see section "W series accessories".


WDU 50N IR

50 mm²

Six-lobe socket



18.5 x 70 x 69.6	
192 / 70	
10...70	

IEC 60947-7-1			
Ex eb II C Gb  II 2 G D			
IEC	UL	CSA	EN 60079-7
1000			690
150			126
50			50 mm ²
8 kV / 3			
B10 / V-0			
CE CE CE CE CE DEMKO14ATEX1338U			
Rated connection		Further connection	
10...16 / 10...70			
10...50			
/ (M 6)			
24 / TX 20			
...16 / 6...16			
6...16 / 6...16			
1000 V DC rated voltage tested.			

Type	Qty.	Order No.
WDU 50N IR	10	1186630000
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.		

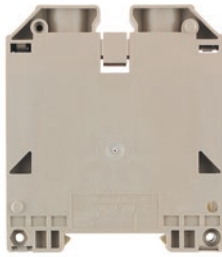
Type	Qty.	Order No.
WQV 50N/2	150 A 5	1834060000
WQV 50N/3	150 A 5	1834070000
WQV 50N/4	150 A 5	1834080000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 50N	41 A 5	1872720000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
TH-S 9-40	1	9008880000

Cross-connections, see section "W series accessories".

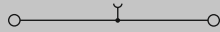
WDU 70N

70 mm²

Compact design



20.5 x 75 x 85
232 / 95
16...95



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	690
192	150	150	184
70	AWG 6...0	AWG 6...0	70 mm ²

8 kV / 3

B11 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
/ (M 8)	
22 / S6 (DIN 6911)	

10...16 / 10...25

10...25 / 6...25

1000 V DC rated voltage tested.

Type	Qty.	Order No.
WDU 70N/35	10	9512190000
WDU 70N/35 BL	10	9512420000

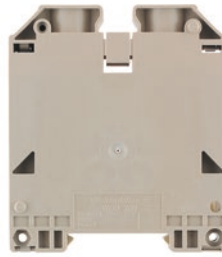
1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-EN partitions.

Type	Qty.	Order No.
WQV 70N/2	192 A 5	9512240000
WQV 70N/3	192 A 5	9512250000
WQV 70N/4	192 A 5	9531290000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 70N	41 A 5	1964830000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

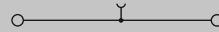
Auxiliary connection for additional conductor "WZAD 70N" 1964830000 (up to 10 mm², 41 A). Cross-connections, see section "W series accessories".

WDU 70N/35 IR

70 mm²



20.5 x 75 x 85
232 / 95
16...95



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	690
192	150	150	184
70	AWG 6...0	AWG 6...0	

8 kV / 3

B11 / V-0

Rated connection	Further connection
16...16 / 16...95	
16...70 / 16...50	
/ (M 8)	
22 / TX 40	

Type	Qty.	Order No.
WDU 70N/35 IR	10	1393420000

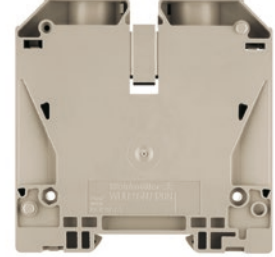
Type	Qty.	Order No.
WQV 70N/2	192 A 5	9512240000
WQV 70N/3	192 A 5	9512250000
WQV 70N/4	192 A 5	9531290000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 70N	41 A 5	1964830000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	720	1609860000
THS 9-40	1	9008880000

Auxiliary connection for additional conductor "WZAD 70N" 1964830000 (up to 10 mm², 41 A). Cross-connections, see section "W series accessories".

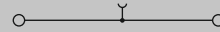
WDU 95N/120N

120 mm²

Compact design



27 x 91 x 90
290 / 150
16...150



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
269	228	220	221
120	AWG 4...250	AWG 4...0	120 mm ²

8 kV / 3

B13 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
16...16 / 16...150	
16...120	
/ (M 10)	
27 / S6 (DIN 6911)	

16...16 / 10...35

16...35 / 10...35

1000 V DC rated voltage tested.

Type	Qty.	Order No.
WDU 95N/120N	5	1820550000
WDU 95N/120N BL	5	1820560000

1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-EN partitions.

Type	Qty.	Order No.
WQV 95N/120N/2	269 A 5	1826890000
WQV 95N/120N/3	269 A 5	1826900000
WQV 95N/120N/4	269 A 5	1826910000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 95N/120N	41 A 5	1859580000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

Auxiliary connection for additional conductor "WZAD 95N/120N" 1859580000 (up to 10 mm², 41 A). Cross-connections, see section "W series accessories".





Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

WDU 240 240 mm²








Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

36 x 100 x 123.7	
415 / 240	
70...240	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm²
Note	

IEC 60947-7-1		Ex eb II C Gb			II 2 G D
IEC	UL	CSA	EN 60079-7		
1000	600	600	1100		
415	380	400	350		
240		AWG 0...500	240 mm²		
8 kV / 3					
B15 / V-0					
CE    		KEMA01ATEX2186U			
Rated connection		Further connection			
/ 70...240					
70...240 / 70...185					
/ (M 10)					
40 / S8 (DIN 6911)					
/ 35...95					
50...95 / 35...50					
Copper straps can be used; see online catalogue for possible connections.					

Ordering data

Version
dark beige
Blue
Note

Type	Qty.	Order No.
WDU 240	2	1802780000
WDU 240 BL	2	1822210000
1000 VDC rated voltage tested.		

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Additional connection	
	10 mm²
Marking tags	
Screwdriver	
	Standard

Type	Qty.	Order No.
WQB 240/2	5	1802790000
WQB 240/3	5	1802800000
WEW 35/1	50	1059000000
WZAD 240	57 A 5	1802810000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

For detailed information on other accessories and application in the online catalogue





Leaf clamp

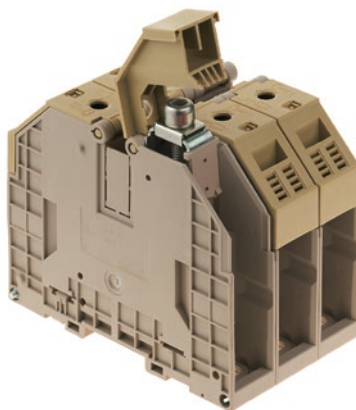
Leaf clamp conductor connection for large cross-sections

It is no longer the case that conductors with large cross-sections have to be forced into the clamping point. Instead, they can now be easily laid in the modular terminal.

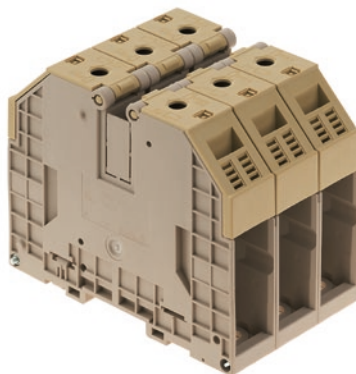
In addition to the individual form, every type of terminal can also be supplied in the form of 3-, 4- and 5-pole blocks. All the blocks are permanently screwed together and therefore guarantee additional rigidity. Direct mounting is possible thanks to the elongated holes on the underside of the terminals. Terminal blocks can be screwed directly to mounting plates with a 25 mm pitch.

The other advantages are:

- Constant force transfer through selfadjusting connection system
- Mounting in any direction
- Electric shock protection (finger-proof) to German standard VBG 4, also with cross-connections
- Extremely resistant to distortion



Open cover and remove screw assembly

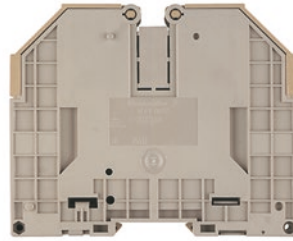


Close cover and tighten screw with Allen key

WDU 70/95

95 mm²

Conductor can be inserted from above / leaf spring



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

27 x 132 x 107	
232 / 120	
13.3...120	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

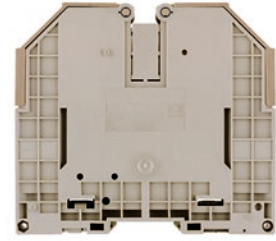
Screwable cross-connection	
	2-pole
	3-pole
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Additional connection	
	4mm ²
Ribbon cable clamp	
Marking tags	
Screwdriver	
	Standard

For detailed information on other accessories and application in the online catalogue


WDU 120/150

120 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 117	
309 / 150	
33.63...150	

IEC 60947-7-1	Ex eb II C Gb	 II 2 G D	
IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
269	225	285	265
120	AWG 2...250	AWG 2...250	150 mm²
8 kV / 3			
B13 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
/ 35...150			
35...150 / 35...50			
/ (M 10)			
35 / S6 (DIN 6911)			
...16 / 35...70			
35...70 / 35...70			

Type	Qty.	Order No.
WDU 120/150	10	1024500000
WDU 120/150 BL	10	1024580000

For direct mounting see section W-Series, Accessories.

Type	Qty.	Order No.
WQV 120/2	269 A	5 1063300000
WQV 120/3	292 A	5 1063400000
WEW 35/1	50	1059000000
WAD 27 M. BL	10	1062860000
WAD 27 NEUTRAL	10	1062960000
WZAD120	10	1066100000
WFL 120/150	5	1616340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

Auxiliary connection for the additional conductor "WZAD 120", order no. 1066100000 (up to 4 mm², 32 A). Cross-connections, see section "W series accessories".

Auxiliary connection for the additional conductor "WZAD 70", order No. 1066000000 (up to 4 mm², 32 A). Cross-connections, see section "W series accessories".

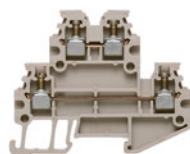
Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

WDK 1.5/R3.5

1.5 mm²

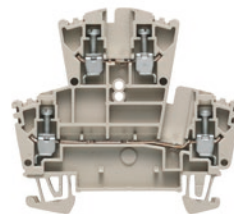
Double feed-through terminal



WDK 2.5

2.5 mm²

Screwable cross-connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	







Ordering data

Version	
	dark beige
	Blue
	Orange
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	










3.5 x 46.5 x 37.5	
16 / 1.5	
0.13...1.5	

IEC 60947-7-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
400	300	300	275
16	15	10	15
1.5	AWG 26...14	AWG 26...14	1.5 mm²
4 kV / 3			
A1 / V-0			
    		KEMA99ATEX6545U	
Rated connection		Further connection	
0.5...1.5 / 1.5...1.5			
0.5...1.5 / 0.5...0.5			
/ (M 2)			
7 / 0.4 x 2.5 mm			
0.5...0.75			
0.5...0.75 / 0.5...0.5			
PZ 6/5 recommended as crimping tool for 1.5 mm² with wire-end ferrule			

Type	Qty.	Order No.
WDK 1.5/R3.5	100	1753290000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
WAP WDK1.5/R3.5	20	1754200000
EW 15	50	0382860000
DEK 5/3.5 MC NE WS	500	1755270000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000

5.1 x 69.5 x	
32 / 4	
0.05...4	

IEC 60947-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	10	21
2.5	AWG 22...12	AWG 26...12	4 mm²
6 kV / 3			
A3 / V-0			
       		DEM0K15ATEX1346U	
Rated connection		Further connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			
0.5...1.5			
0.5...1.5 / 0.5...1.5			
2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).			

Type	Qty.	Order No.
WDK 2.5	100	1021500000
WDK 2.5 BL	100	1021580000

For colour versions, see section on W-series Accessories - specific functions.

Type	Qty.	Order No.
WDQ 2.5/2	32 A 50	1053660000
WDQ 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Cross-connections, socket and test plug, see section "W series accessories". Ensure 2.5 mm² max. when using the WDB.

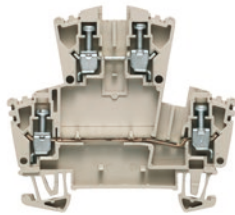
For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

WDK 2.5 ZQV

2.5 mm²

Plug-in cross-connection



5.1 x 69 x 62.5
32 / 4
0.05...4



Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	25	21
2.5	AWG 22...12	AWG 26...12	4 mm ²

6 kV / 3

A3 / V-0

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	

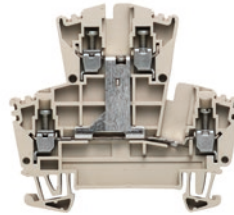
0.5...1.5
0.5...1.5 / 0.5...1.5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

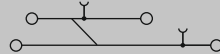
WDK 2.5 V

2.5 mm²

Both levels at one potential



5.1 x 69.5 x 62.5
32 / 4
0.05...4



Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
400	600	300	275
24	20	10	24
2.5	AWG 30...12	AWG 26...12	4 mm ²

6 kV / 3

A3 / V-0

DEMKO15ATEX1346U

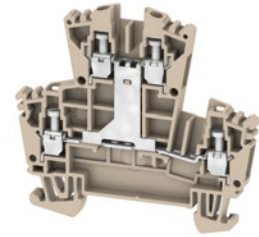
Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	

0.5...1.5
0.5...1.5 / 0.5...1.5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

WDK 2.5 V ZQV

2.5 mm²



5.1 x 69.5 x 62.5
32 / 4
0.05...4



Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
400	600	300	275
24	20	25	21
2.5	AWG 30...12	AWG 30...12	4 mm ²

/ 3

A3 / V-0

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WDK 2.5 ZQV	100	1041100000
WDK 2.5 ZQV BL	100	1041180000

Rated voltage is 400 V when using the ZQV cross-connector.
For colour versions, see section on W-series Accessories

Type	Qty.	Order No.
WDK 2.5V	50	1022300000
WDK 2.5V BL	50	1022380000

For colour versions, see section on W-series Accessories - specific functions.

Type	Qty.	Order No.
WDK 2.5V ZQV	50	2739600000
WDK 2.5V ZQV BL	50	2739610000
WDK 2.5V ZQV OR	50	2732600000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
WDV 2.5/2	32 A 50	1053660000
WDV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Cross-connections, socket and test plug, see section "W series accessories".
Ensure 2.5 mm² max. when using the WOB.

Cross-connections, socket and test plug, see section "W series accessories".
Ensure 2.5 mm² max. when using the WOB.

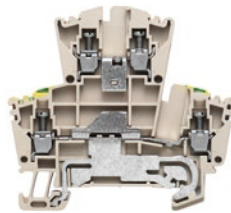
Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

WDK 2.5 DU-PE

2.5 mm²

Lower level earthed on terminal rail



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 69.5 x 62.5	
32 / 4	
0.05...4	

Ex eb II
C Gb II 2 G D

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	275
24	20	20	23
2.5	AWG 22...12	AWG 22...12	4 mm ²

6 kV / 3

A3 / V-0

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	

0.5...1.5
0.5...1.5 / 0.5...1.5

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
dark beige	
Blue	
Note	

Accessories

Screwable cross-connection	
2-pole	
10-pole	
End plate / Partition plate	
dark beige	
Blue	
dark beige	
End bracket	
dark beige	
Cover	
With lightning flash symbol	
Blank, white	
Marking tags	
Plug-in cross-connection	
2-pole	
10-pole	

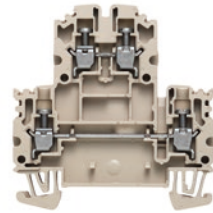
Type	Qty.	Order No.
WDK 2.5DU-PE	50	1036400000

Type	Qty.	Order No.
WDV 2.5/2	32 A	50
WDV 2.5/10	32 A	20
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

Cross-connections, socket and test plug, see section "W series accessories". Ensure 2.5 mm² max. when using the WDB.

WDK 2.5N

2.5 mm²Plug-in cross-connection
Compact design

5.1 x 61 x 62	
28 / 4	
0.05...4	

Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	300	300	550
24	20	20	21
2.5	AWG 26...12	AWG 26...12	4 mm ²

8 kV / 3

A3 / V-0

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 2.5...2.5	
/ (M 2.5)	
8 / 0.6 x 3.5 mm	

0.5...1.5
0.5...1.5 / 0.5...1.5

Rated voltage is reduced to 400 V when using the ZQV 2.5N cross-connector.

Type	Qty.	Order No.
WDK 2.5N	50	1041600000
WDK 2.5N BL	50	1041680000

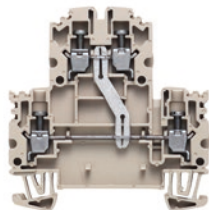
Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000
ZQV 2.5N/2	24 A	60
ZQV 2.5N/10	24 A	20

Cross-connections, see section "W series accessories".

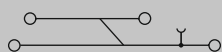
WDK 2.5N V

2.5 mm²

Both levels at one potential
Compact design



5.1 x 61 x 62
28 / 4
0.05...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800		300	550
24		20	24
2.5		AWG 26...12	4 mm ²

8 kV / 3

A3 / V-0

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/(M 2.5)	
8 / 0.6 x 3.5 mm	

0.5...1.5

0.5...1.5 / 0.5...1.5

Rated voltage is reduced to 400 V when using the ZQV cross-connector.

Type	Qty.	Order No.
WDK 2.5N V	50	1041610000

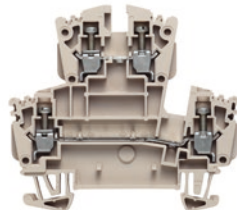
Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Cross-connections, see section "W series accessories".

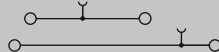
WDK 2.5 / 800 V

2.5 mm²

Rated voltage 800 V



6.1 x 69 x 62.5
32 / 4
0.05...4



IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800		300	550
24		20	24
2.5		AWG 26...12	4 mm ²

8 kV / 3

A3 / V-0

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/(M 2.5)	
10 / 0.6 x 3.5 mm	

0.5...1.5

0.5...1.5 / 0.5...1.5

Type	Qty.	Order No.
WDK 2.5/EX	100	1029100000

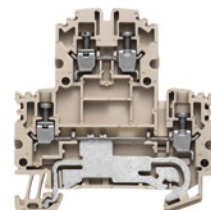
Type	Qty.	Order No.
Q 2 AKZ4SS	32 A 50	0369000000
Q 10 AKZ4SS	32 A 20	0369300000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Cross-connections, test and socket plug, see section "W series accessories".
Ensure 2.5 mm² max. when using the WDB.

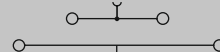
WDK 2.5N DU-PE

2.5 mm²

Lower level earthed on terminal rail
Compact design



5.1 x 61 x 62
28 / 4
0.05...4



IEC 60947-7-1 (-7-2) Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
800		300	550
24		20	24
2.5		AWG 26...12	4 mm ²

8 kV / 3

A3 / V-0

DEMKO15ATEX1346U

Rated connection	Further connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/(M 2.5)	
8 / 0.6 x 3.5 mm	

0.5...1.5

0.5...1.5 / 0.5...1.5

Rated voltage is reduced to 400 V when using the ZQV cross-connector. 2 conductors via the PE connection are not permissible!

Type	Qty.	Order No.
WDK 2.5N DU-PE	50	1041650000

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

Cross-connections, see section "W series accessories".

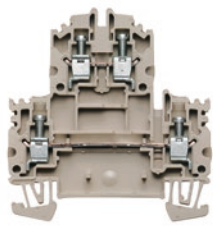


Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

WDK 4N

4 mm²

Solid/stranded
Flexible / flexible with wire-end ferrule








Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60 x 63.25	
35 / 6	
0.13...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

IEC 60947-7-1				Ex eb II		II 2 G D
				C Gb		
IEC	UL	CSA	EN 60079-7			
800	600	300	550			
32	35	30	30			
4	AWG 26...10	AWG 26...10	6 mm²			
8 kV / 3						
A4 / V-0						
   			DEMKO15ATEX1346U			
Rated connection			Further connection			
0.5...6 / 1.5...6						
0.5...4 / 0.5...4						
/ (M 3)						
8 / 0.6 x 3.5 mm						
0.5...1.5						
0.5...1.5 / 0.5...1.5						
Rated voltage: 400 V when using ZQV cross-connection						
2 wire H07V-U1.5, tighten with 0.6 Nm.						

Ordering data

Version
dark beige
Blue
Note

Type	Qty.	Order No.
WDK 4N	50	1041900000
WDK 4N BL	50	1041980000

Accessories

Plug-in cross-connection
2-pole
10-pole
End plate / Partition plate
dark beige
Blue
dark beige
End bracket
dark beige
Marking tags

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 PLUS MC NE WS	600	1951880000
DEK 5/6 MM WS	600	2007120000

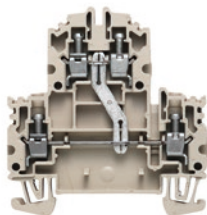
For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

WDK 4N V

4 mm²

Both levels at one potential
Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 60.7 x 63.25	
35 / 6	
0.13...6	

Ex eb II
C Gb



II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	300	550
32	35	30	30
4	AWG 26...10	AWG 26...10	6 mm ²

8 kV / 3
A4 / V-0

CE CE CE CE CE DEMKO15ATEX1346U

Rated connection	Further connection
0.5...6 / 1.5...6	
0.5...4 / 0.5...4	
/ (M 3)	
8 / 0.6 x 3.5 mm	

0.5...1.5
0.5...1.5 / 0.5...1.5

Rated voltage: 400 V when using ZQV cross-connection
2 wire H07V-U1.5, tighten with 0.6 Nm.

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²

Note

Ordering data

Version	
dark beige	
Blue	
dark beige / blue	
Note	

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
End plate / Partition plate	
dark beige	
Blue	
dark beige	
End bracket	
dark beige	
Marking tags	
Screwable cross-connection	
2-pole	
10-pole	
Cover	
Blank, white	
Blank, yellow	
Screwdriver	
Standard	

For detailed information on other accessories and application in the online catalogue

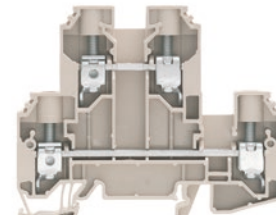
Type	Qty.	Order No.
WDK 4N V	50	1041910000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/6 PLUS MC NE WS	600	1951880000
DEK 5/5 MM WS	800	2007110000

Cross-connections, see section "W series accessories".

WDK 10

10 mm²



9.9 x 85 x 69	
70 / 16	
1.5...16	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	

8 kV / 3
B6 / V-0

CE CE CE CE CE

Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
/ (M 4)	
12 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
WDK 10	50	1186740000
WDK 10 BL	50	1186750000

Type	Qty.	Order No.
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
SDS 1.0X5.5X150	1	2749380000

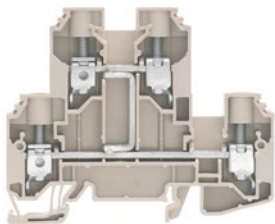
Cross-connections, see section "W series accessories".



Screw connection with clamping yoke technology (W-Series)
Feed-through terminal blocks

WDK 10 V

10 mm²

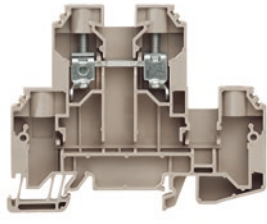


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

9.9 x 85 x 69	
73 / 16	
1.5...16	

WDK 10 L



10 mm²






9.9 x 85 x 69	
70 / 16	
1.5...16	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600	600	
57	49	49	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			
CE  ENEC 			
Rated connection		Further connection	
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
/ (M 4)			
12 / 1.0 x 5.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800		1000	
57		70	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			
  			
Rated connection		Further connection	
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
/ (M 4)			
12 / 1.0 x 5.5 mm			

Ordering data

Version	
dark beige	
Blue	
dark beige / blue	
Note	

Type	Qty.	Order No.
WDK 10 V	50	1186770000
WDK 10 V BL	50	1186780000
Note		

Type	Qty.	Order No.
WDK 10 L	50	1415510000
Note		

Accessories

Plug-in cross-connection	
2-pole	
10-pole	
End plate / Partition plate	
dark beige	
Blue	
dark beige	
End bracket	
dark beige	
Marking tags	
Screwable cross-connection	
2-pole	
10-pole	
Cover	
Blank, white	
Blank, yellow	
Screwdriver	
Standard	

Type	Qty.	Order No.
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
SDS 1.0X5.5X150	1	2749380000

Type	Qty.	Order No.
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
SDS 1.0X5.5X150	1	2749380000

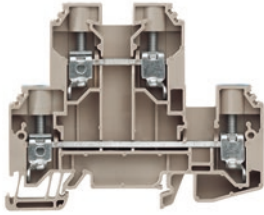
For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".

WDK 10 DU-N

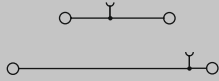
10 mm²



9.9 x 85 x 69

70 / 16

1.5...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			



Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
/ (M 4)	
12 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
WDK 10 DU-N	50	1415520000

Type	Qty.	Order No.
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
SDS 1.0X5.5X150	1	2749380000

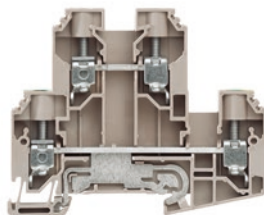
Cross-connections, see section "W series accessories".



Screw connection with clamping yoke technology (W-Series)

Feed-through terminal blocks

WDK 10 DU-PE

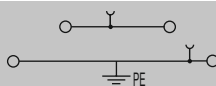
10 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

9.9 x 85 x 69

70 / 16

1.5...16



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Note	

Ordering data

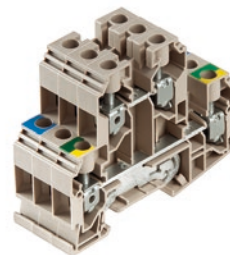
Version	
	dark beige
	with PE foot
	dark beige / green / yellow
Note	

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Screwdriver	
	Standard
Cover	
	Blank, white
	Blank, yellow
Marking tags	
Cross-connector	
	black
	blue
	red

For detailed information on other accessories and application in the online catalogue

WDK 10 SET BCD

10 mm²

29.7 x 85 x 69

70 / 16

1.5...16



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			
Approvals			
Rated connection			
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
/ (M 4)			
12 / 1.0 x 5.5 mm			
Note			

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600	600	
57	40	40	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			
Approvals			
Rated connection			
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
/ (M 4)			
12 / 1.0 x 5.5 mm			
Note			

Type	Qty.	Order No.
WDK 10 DU-PE	50	1415480000

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
DEK 5/5 MC NE WS	1000	1609801044

Cross-connections, see section "W series accessories".

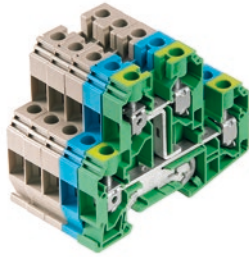
Type	Qty.	Order No.
WDK 10 SET BCD	1	1415540000

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
DEK 5/5 MC NE WS	1000	1609801044

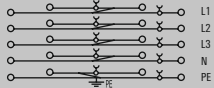
Cross-connections, see section "W series accessories".

WDK 10 SET LS

10 mm²



49.5 x 85 x 69
70 / 16
1.5...16



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			



Rated connection	Further connection
1.5...16 / 1.5...16	
1.5...16 / 1.5...16	
/(M 4)	
12 / 1.0 x 5.5 mm	

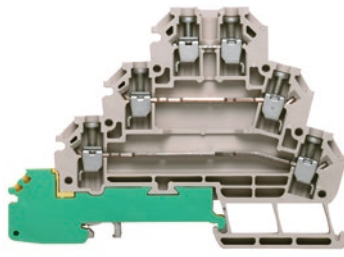
Type	Qty.	Order No.
WDK 10 SET LS	1	1415530000

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
DEK 5/5 MC NE WS	1000	1609801044

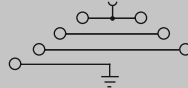
Cross-connections, see section "W series accessories".

MAK 2.5

2.5 mm²



6.2 x 88 x 63
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
500	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			



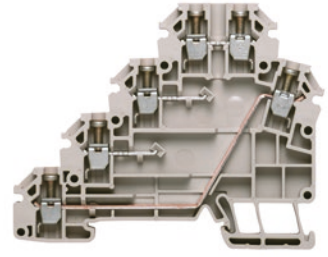
Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
/(M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1 / 0.5...1	
0.5...1 / 0.5...0.75	

Type	Qty.	Order No.
MAK 2.5 DB	50	7917030000

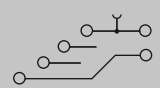
Type	Qty.	Order No.
AP MAK2.5 DB	20	7917000000
WEW 35/1	50	1059000000
SDIS 0.6X3.5X100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 BL	5	1633280000
VQB 1.5/50 RT	5	1633290000

VLI 1.5

1.5 mm²



6.15 x 79.5 x 63
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10		
1.5	AWG 26...12		
4 kV / 3			
A3 / V-0			



Rated connection	Further connection
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
/(M 2.5)	
8 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
VLI 1.5 DB	50	1784120000
VLI 1.5/PE DB	50	1784130000

Type	Qty.	Order No.
AP VLI1.5 DB	20	1784150000
WEW 35/1	50	1059000000
SDIS 0.6X3.5X100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 BL	5	1633280000
VQB 1.5/50 RT	5	1633290000





Screw connection with clamping yoke technology (W-Series) PE terminal blocks

WPE 1.5/R3.5

1.5 mm²

Protective earth terminal for TS 15



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

3.5 x 24.5 x 24	
/ 1.5	
0.13...1.5	

Ex eb II
C Gb



II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...18	AWG 26...18	2.5 mm ²
400			
6			
	180 A (1.5 mm ²)		
	3		
	A1 / V-0		

CE CE CE CE CE CE CE CE

Rated connection

0.5...1.5 / 1.5...1.5
0.5...1.5 / 0.5...0.5
/ (M 2)

7 / 0.4 x 2.5 mm

PZ 6/5 recommended as crimping tool for 1.5 mm² with wire-end ferrule

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

Clamped conductors (H05V/H07V)

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Tightening torque (mounting screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
Green/yellow	
green/yellow	
Note	

Accessories

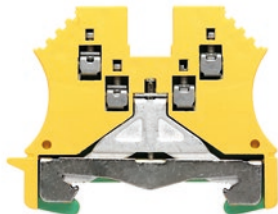
End plate / Partition plate	
dark beige	
End bracket	
dark beige	
Screwdriver	
Standard	
Marking tags	

For detailed information on other accessories and application in the online catalogue

WPE 1.5/ZZ

1.5 mm²

Twin connection



5.1 x 60 x 46.5	
/ 2.5	
0.13...2.5	

Ex eb II
C Gb



II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1.5	AWG 26...14	AWG 26...14	2.5 mm ²
800			
8			
	180 A (1.5 mm ²)		
	3		
	A1 / V-0		

CE CE CE CE CE CE CE CE

Rated connection

0.5...2.5 / 1.5...2.5
0.5...1.5 / 0.5...1.5
/ (M 2.5)

7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 1.5/ZZ	50	1016500000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

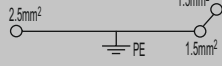
WPE 2.5/1.5/ZR

2.5 mm²

Supplementary connection, right 1.5 mm² & sup 2;



5.1 x 60 x 46.5
/ 4
0.05...4



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
/ (M 2.5)

10 / 0.6 x 3.5 mm

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WPE 2.5/1.5/ZR	50	1016400000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

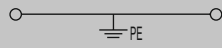
AKE 2.5

2.5 mm²

Protective earth terminal for TS 15



5.1 x 28 x 46
/ 4
0.13...4



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	4 mm ²
250			
4			
300 A (2.5 mm ²)			
3			
A3 / V-2			



Rated connection

0.5...4 / 1.5...2.5
0.5...2.5 / 0.5...2.5
/ (M 2.5)

7 / 3.0 x 0.5 mm

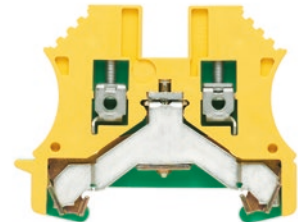
Type	Qty.	Order No.
AKE 2.5	100	1303360000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

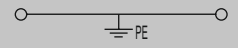
Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 2.5

2.5 mm²



5.1 x 60 x 46.5
/ 4
0.05...4



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
800			
8			
300 A (2.5 mm ²)			
3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
/ (M 2.5)

10 / 0.6 x 3.5 mm

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Type	Qty.	Order No.
WPE 2.5	100	1010000000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

Screw connection with clamping yoke technology (W-Series)

PE terminal blocks

WPE 2.5N

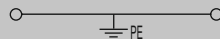
2.5 mm²

Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 54 x 37
/ 4
0.05...4



Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Tightening torque (mounting screw)	
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-2

Ex eb II
C Gb

II 2 G D

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
500			
6			
300 A (2.5 mm ²)			
3			
A3 / V-0			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			
2.5 mm ² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).			

Ordering data

Version	
	Green/yellow green/yellow
Note	

Accessories

End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

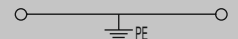
AKE 4

4 mm²

Protective earth terminal for TS 15



7 x 32 x 34.5
/ 4
0.13...4



IEC 60947-7-2

Ex eb II
C Gb

II 2 G D

IEC	UL	CSA	EN 60079-7
4	AWG 26...12	AWG 26...12	4 mm ²
500			
6			
480 A (4 mm ²)			
3			
A3 / V-2			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 3)			
9 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
AKE 4	100	0380260000

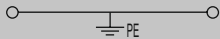
Type	Qty.	Order No.
WAP WDU2.5N/4N	50	1060000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
DEK 5/6.5 MC NE WS	900	1609840000

WPE 4

4 mm²



6.1 x 56 x 46.5
/ 6
0.13...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			



Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4
/ (M 3)

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4	100	1010100000

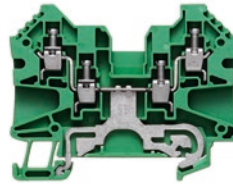
Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

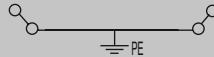
WPE 4/ZZ

4 mm²

Twin connection



6.1 x 70 x 53
/ 6
0.05...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			



Rated connection

0.5...6 / 0.5...4
0.5...4 / 0.5...4
/ (M 3)

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4/ZZ	50	1905130000

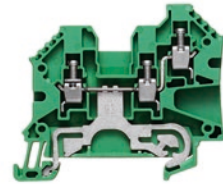
Type	Qty.	Order No.
WAP WDU/WTR4/ZZ	50	1905150000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

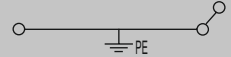
WPE 4/ZR

4 mm²

Additional connection, right side



6.1 x 63.5 x 52.8
/ 6
0.05...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 30...10	AWG 30...10	4 mm ²
800			
8			
480 A (4 mm ²)			
3			
A4 / V-0			



Rated connection

0.5...6 / 0.5...4
0.5...4 / 0.5...4
/ (M 3)

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WPE 4/ZR	50	1905120000

Type	Qty.	Order No.
WAP WDU/WTR4/ZR	50	1905070000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

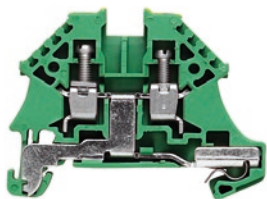


Screw connection with clamping yoke technology (W-Series) PE terminal blocks

WPE 4N

4 mm²

Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

6.1 x 50 x 37	
/ 6	
0.13...6	

Ex eb II
C Gb



II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	4 mm ²
500			
6			
	480 A (4 mm ²)		
	3		
	A3 / V-0		

CE CE CE CE CE CE

Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...4
/ (M 3)

10 / 0.6 x 3.5 mm

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	

Clamped conductors (H05V/H07V)

Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Tightening torque (mounting screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
green/yellow	

Note

Accessories

End plate / Partition plate	
dark beige	
End bracket	
dark beige	
Screwdriver	
Standard	
Marking tags	
PEN bridge	

Type	Qty.	Order No.
WPE 4N	50	1042700000

Type	Qty.	Order No.
WAP WDU2.5N/4N	50	1060000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

WPE 6

6 mm²



7.9 x 56 x 46.5	
/ 10	
0.08...10	

Ex eb II
C Gb



II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6	AWG 20...8	AWG 20...8	6 mm ²
800			
8			
	720 A (6 mm ²)		
	3		
	A5 / V-0		

CE CE CE CE CE CE

Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5...6
/ (M 3)

12 / 4.0 x 0.8 mm

Conductor connection H07V...10 and AWG 8 with tightening torque of 1.4-1.6 Nm.

Type	Qty.	Order No.
WPE 6	50	1010200000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.8X4.0X100	1	2749360000
DEK 5/8 MC NE WS	800	1856740000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000

For detailed information on other accessories and application in the online catalogue

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 10

10 mm²



9.9 x 56 x 46.5
/ 16
1.31...16



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 16...6	10 mm ²
800			
8			
1200 A (10 mm ²)			
3			
B6 / V-0			



Rated connection

1.5...16 / 1.5...16
1.5...16 / 1.5...16
/ (M 4)

12 / 1.0 x 5.5 mm

AWG 6/7 and H07V-R16 tighten with 2.4 Nm.

Type	Qty.	Order No.
WPE 10	50	1010300000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WQB-PEN 10	10	1060300000

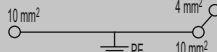
Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 10/ZR

10 mm²



9.9 x 66 x 49
/ 16
1.31...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 16...6	AWG 14...6	
1000			
8			
1200 A (10 mm ²)			
3			
B6, A4 / V-0			



Rated connection

1.5...16 / 1.5...16
1.5...16 / 1.5...16
/ (M 4)

12 / 0.6 x 3.5 mm

Max. conductor cross-sections refer to 10 mm² and 16 mm² connections. Tighten AWG 6/7 and H07V-R16 to 2.4 Nm.

Type	Qty.	Order No.
WPE 10/ZR	50	1042500000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WQB-PEN 10	10	1060300000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 16

16 mm²



11.9 x 56 x 62.5
/ 25
1.5...25



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16	AWG 14...4	AWG 14...6	16 mm ²
1000			
8			
1920 A (16 mm ²)			
3			
B7 / V-0			



Rated connection

1.5...16 / 1.5...25
1.5...25 / 1.5...16
/ (M 5)

16 / 1.0 x 5.5 mm

For 25 mm², TS 35 x 15 (steel, 1.5 mm thick) should be used. Tighten H07V-16 and AWG 6 conductors to 2.0-2.4 Nm.

Type	Qty.	Order No.
WPE 16	50	1010400000

Type	Qty.	Order No.
WEW 35/1	50	1059000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WQB-PEN 16	10	1060200000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).



Screw connection with clamping yoke technology (W-Series) PE terminal blocks

WPE 16N 16 mm² Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

12 x 56 x 46.5	
/ 25	
1.5...25	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Tightening torque (mounting screw)	
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
16	AWG 14...6	AWG 14...6	
400			
6			
	1920 A (16 mm ²)		
	3		
	B7 / V-0		
CE CB ENEC			
Rated connection			
1.5...16 / 1.5...25			
1.5...16 / 4...16			
/ (M 4)			
12 / 1.0 x 5.5 mm			
25 mm ² stranded requires a tightening torque of 2.2 Nm.			

Ordering data

Version	
	Green/yellow green/yellow
Note	

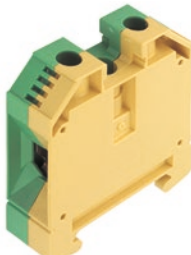
Accessories

PEN bridge	
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 35 35 mm²



16 x 56 x 62.5	
/ 35	
2.5...35	

IEC 60947-7-2			
IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	35 mm ²
800			
8			
	4200 A (35 mm ²)		
	3		
	B8 / V-0		
CE CB ENEC			
Rated connection			
2.5...16 / 2.5...35			
2.5...35 / 2.5...35			
/ (M 6)			
18 / 6.5 x 1.2 mm			

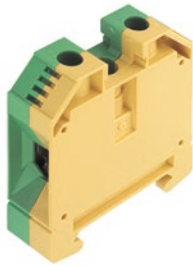
Type		Qty.	Order No.
WPE 35		25	1010500000

Type		Qty.	Order No.
WQB-PEN 35		10	1060100000
WEW 35/1		50	1059000000
SDS 1.2X6.5X150		1	2749390000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 35/IKSC

35 mm²



16 x 56 x 62.5
/ 35
2.5...35



IEC 60947-7-2

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...1	AWG 12...2	35 mm ²
800			
8			
4200 A (35 mm ²)			
3			
B8 / V-0			



Rated connection

2.5...16 / 2.5...35
2.5...35 / 2.5...35
/ (M 6)

18 / S4 (DIN 6911)

Type	Qty.	Order No.
WPE 35/IKSC	25	1012600000

Type	Qty.	Order No.
WQB-PEN 35	10	1060100000
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

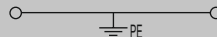
WPE 35N

35 mm²

Compact design



16 x 66 x 50.5
/ 50
2.5...50



IEC 60947-7-2

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...2		35 mm ²
400			
6			
4200 A (35 mm ²)			
3			
B8 / V-0			



Rated connection

2.5...16 / 2.5...50
2.5...35 / 2.5...35
/ (M 6)

18 / 6.5 x 1.2 mm

Type	Qty.	Order No.
WPE 35N	20	1717740000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 50N

50 mm²

Compact design



18.5 x 71 x 69.6
/ 70
5.26...70



IEC 60947-7-2

Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
50	AWG 10...0	AWG 14...0	50 mm ²
1000			
8			
6000 A (50 mm ²)			
3			
B10 / V-0			



Rated connection

10...16 / 10...70
10...50
/ (M 6)

24 / S4 (DIN 6911)

For 50 and 70 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

Type	Qty.	Order No.
WPE 50N	10	1846040000

Type	Qty.	Order No.
WQV PEN 50N	150 A 5	9201610000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

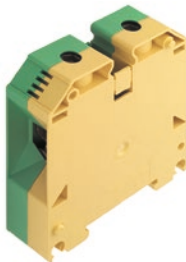


Screw connection with clamping yoke technology (W-Series)
PE terminal blocks

WPE 70N/35	70 mm ²	WPE 95N/120N	95 mm ²
------------	--------------------	--------------	--------------------

Compact design

Compact design



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

20.5 x 75 x 85	
/ 95	
16...95	

27 x 91 x 90	
/ 150	
16...150	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Tightening torque (mounting screw)	
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-2	Ex eb II	C Gb	Ex II 2 G D
IEC	UL	CSA	EN 60079-7
70	AWG 6...0	AWG 6...0	70 mm ²
1000			
8			
8400 A (70 mm ²)			
3			
B11 / V-0			
Rated connection			
16...16 / 16...95			
16...70 / 16...50			
/ (M 8)			
22 / S6 (DIN 6911)			
For 50 - 95 mm ² , the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.			

IEC 60947-7-2	Ex eb II	C Gb	Ex II 2 G D
IEC	UL	CSA	EN 60079-7
95	AWG 4...0	AWG 4...0	120 mm ²
1000			
8			
11400 A (95 mm ²)			
3			
B13 / V-0			
Rated connection			
16...16 / 16...150			
16...120			
/ (M 10)			
27 / S6 (DIN 6911)			
For 50 - 150 mm ² , the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.			

Ordering data

Version	
	Green/yellow
	green/yellow
Note	

Type	Qty.	Order No.
WPE 70N/35	10	9512200000

Type	Qty.	Order No.
WPE 95N/120N	5	1846030000
UL, CSA and ATEX certifications are pending		

Accessories

PEN bridge	
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
WQV 70N-PEN	192 A 5	9525840000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Type	Qty.	Order No.
WQV PEN 95N/120N	5	9201630000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

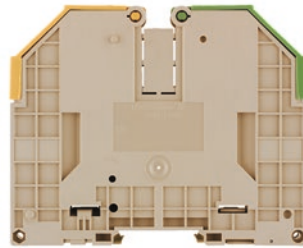
Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 70/95

95 mm²

Conductor can be inserted from above / leaf spring



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

27 x 132 x 107	
/ 120	
13.3...120	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Tightening torque (mounting screw)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	green/yellow
Note	

Accessories

PEN bridge	
End bracket	dark beige
Marking tags	
Screwdriver	Standard

For detailed information on other accessories and application in the online catalogue

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
95	AWG 6...0	AWG 6...0	95 mm ²
1000			
8			
11400 A (95 mm ²)			
3			
B12 / V-0			
Rated connection			
16...16 / 16...120			
16...95 / 35...50			
/ (M 8)			
30 / S6 (DIN 6911)			
For 50 - 120 mm ² , the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.			

Type	Qty.	Order No.
WPE 70/95	10	1037300000

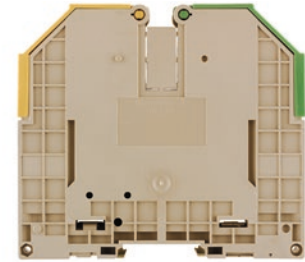
Type	Qty.	Order No.
WQV 70/95-PEN	232 A	51072300000
WEW 35/1	50	1059000000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 120/150

120 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 117	
/ 150	
33.62...150	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
120	AWG 2...250	AWG 2...250	150 mm ²
1000			
8			
14400 A (120 mm ²)			
3			
B13 / V-0			
Rated connection			
/ 35...150			
35...150 / 35...50			
/ (M 10)			
35 / S6 (DIN 6911)			
For 50 - 150 mm ² , the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.			

Type	Qty.	Order No.
WPE 120/150	10	1019700000

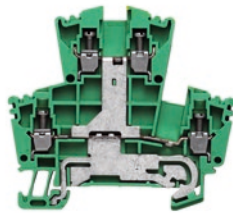
Type		Qty.	Order No.
WQV 120-PEN	292 A	5	1072400000
WEW 35/1		50	1059000000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000
SKS 2,0-8,0 MR		1	9008870000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

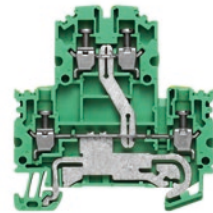
Screw connection with clamping yoke technology (W-Series)

PE terminal blocks

WDK 2.5 PE

2.5 mm²

WDK 2.5N PE

2.5 mm²

Compact design

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 69.5 x 62.5	
/ 4	
0.05...4	

5.1 x 60.7 x 54.95	
/ 4	
0.05...4	

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-

IEC 60947-7-2		Ex eb II 2 G D	
C Gb			
IEC	UL	CSA	EN 60079-7
2.5	AWG 22...12	AWG 26...12	4 mm ²
400			
6			
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		
CE CCC ENEC Kitemark			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 2.5)			
10 /			

IEC 60947-7-2		Ex eb II C Gb	II 2 G D
IEC	UL	CSA	EN 60079-7
2.5		AWG 26...12	4 mm ²
800			
8			
	300 A (2.5 mm ²)		
	3		
	A3 / V-0		
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 2.5)			
8 / 0.6 x 3.5 mm			

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Ordering data

Version	
	green/yellow
Note	

Type	Qty.	Order No.
WDK 2.5PE	50	1036300000

Type	Qty.	Order No.
WDK 2.5N PE	50	1041620000

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	
Cover	
	Blank, white
	Blank, yellow

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WAP WDK2.5/4 N BL	20	1084080000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

For detailed information on other accessories and application in the online catalogue

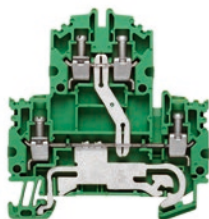
Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

Rail support for protective-insulated installation of mounting rail "SH 2", order no. 0494920000 (QTY 10). Cross-connections, see section "W series accessories".

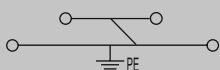
WDK 4N PE

4 mm²

Compact design



6.1 x 60.7 x 63.25
/ 6
0.13...6



Ex eb II
C Gb II 2 G D

IEC 60947-7-2

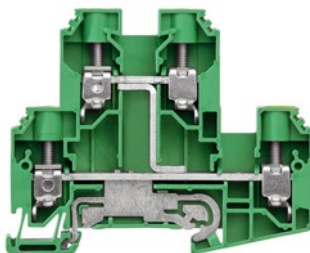
IEC	UL	CSA	EN 60079-7
4	AWG 26...10	AWG 26...10	6 mm ²
800			
8			
	480 A (4 mm ²)		
	3		
	A3 / V-0		

Rated connection

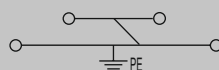
0.5...6 / 1.5...6
0.5...4 / 1.5...4
/ (M 3)
8 / 0.6 x 3.5 mm

WDK 10 PE

10 mm²



9.9 x 85 x 69
70 / 16
1.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10	AWG 18...6	AWG 18...6	
800			
8			
	1200 A (10 mm ²)		
	3		
	B6 / V-0		

Rated connection

1.5...16 / 1.5...16
1.5...16 / 1.5...16
/ (M 4)
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
WDK 4N PE	50	1041920000

Type	Qty.	Order No.
WDK 10 PE	50	1415470000

Type	Qty.	Order No.
WAP WDK2.5/4 N	20	1084000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

Cross-connections, see section "W series accessories".

WFS 4 LD

4 mm²

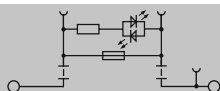
WFS 4

Overload and short-circuit protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 62.5 x 75
6.3 / 6
0.22...6



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	

Note

Ordering data

Version
10-36 V AC/DC, with LED
30-70 V AC/DC, with LED
60-150 V AC/DC, with LED
100 - 250 V AC/DC, with LED
Note

Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	With "swifty set" cutting device Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	0.25 A fast 0.50 A fast 1.00 A fast
Marking tags	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400	300 (D)	300 (D)	
6.3	10	10	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
V-0			

CE

Rated connection
0.5...6 / 1.5...6
0.5...4 / 0.5...4
/ (M 3)
0.6 x 3.5 mm

Type	Qty.	Order No.
WFS 4 10-36V	50	2562070000
WFS 4 30-70V	50	2561990000
WFS 4 60-150V	50	2561970000
WFS 4 100-250V	50	2561960000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000

Type	Order No.
WFS 4	2561900000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	63 °C	4.0 W / 6.3 A	34 °C	1.6 W / 6.3 A
In combination	47 °C	2.5 W / 6.3 A	23 °C	1.6 W / 6.3 A

For detailed information on other accessories and application in the online catalogue

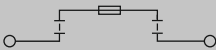


Screw connection with clamping yoke technology (W-Series)
Fuse terminal blocks

WSI 4	4 mm ²
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Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8 x 50.7 x 42.5
6.3 / 4
0.5...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	
Note	

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
6.3	15	15	
4	AWG 30...12	AWG 30...12	
6 kV / 3			
V-0			
CE    			
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
/ (M 3)			
0.6 x 3.5 mm			

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
140-250 V AC/DC, with LED	
Note	

Type	Qty.	Order No.
WSI 4	50	1886580000
WSI 4/LD 10-36V AC/DC	50	1886590000
WSI 4/LD 30-70V AC/DC	50	1886560000
WSI 4/LD 60-150V AC/DC	50	1886570000
WSI 4/LD 140-250V AC/DC	50	1886550000
Note		

Accessories

End bracket	
dark beige	
Screwdriver	
With "swift set" cutting device	
Standard	
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
0.25 A fast	
0.50 A fast	
1.00 A fast	
2.00 A fast	
Marking tags	

Type	Qty.	Order No.	
WEW 35/2	50	1061200000	
SWIFTY SET	1	9006060000	
SDS 0.6X3.5X100	1	2749340000	
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/6 MC NE WS	600	1609900000	

WSI 4

Overload and short-circuit protection

Type	Order No.
WSI 4	1886580000

For detailed information on other accessories and application in the online catalogue

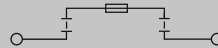
WSI 4 Ex

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8 x 50.7 x 42.5
6.3 / 4
0.5...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3 Ex ec II C Gc II 3 G D			
IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
6.3	15	15	6.3
4	AWG 30...12	AWG 30...12	4 mm ²
6 kV / 3			
V-0			
CE CCC ENEC VDE			
DEMKD14ATEX1389U			
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
/ (M 3)			
0.6 x 3.5 mm			

Note

Ordering data

Version
500 V AC/DC, without LED
10-36 V AC/DC, with LED
30-70 V AC/DC, with LED
60-150 V AC/DC, with LED
140-250 V AC/DC, with LED
Note

Type	Qty.	Order No.
WSI 4	50	2562590000
WSI 4/LD 10-36V AC/DC	50	2564350000
WSI 4/LD 30-70V AC/DC	50	2564360000
WSI 4/LD 60-150V AC/DC	50	2564370000
WSI 4/LD 140-250V AC/DC	50	2564380000

Accessories

End bracket
dark beige
Screwdriver
With "swift set" cutting device
Standard
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)
0.25 A fast
0.50 A fast
1.00 A fast
2.00 A fast
Marking tags

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

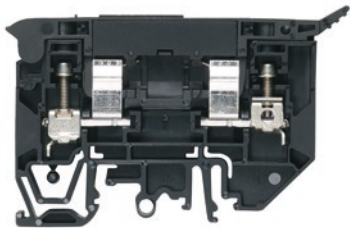
For detailed information on other accessories and application in the online catalogue





Screw connection with clamping yoke technology (W-Series)
Fuse terminal blocks

WSI 4/2 4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

9.1 x 81.6 x 53.5
6.3 / 6
0.5...6



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque (clamping screw for copper conductors)	
Blade size	
Note	

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (C)	
6.3	15	15	
4	AWG 30...10	AWG 30...10	
6 kV / 3			
V-0			
CE RoHS REACH			
Rated connection			
0.5...6 / 1.5...6			
0.5...6			
/ (M 3)			
0.6 x 3.5 mm			
Width/height/depth = 9.1 x 58.5 x 81.6 mm			

Ordering data

Version
500 V AC/DC, without LED
10-36 V AC/DC, with LED
30-70 V AC/DC, with LED
60-150 V AC/DC, with LED
140-250 V AC/DC, with LED
Note

Type	Qty.	Order No.
WSI 4/2	25	1880430000
WSI 4/2/LD 10-36V AC/DC	25	1880410000
WSI 4/2/LD 30-70V AC/DC	25	1880440000
WSI 4/2/LD 60-150V AC/DC	25	1880420000
WSI 4/2/LD 140-250V AC/DC	25	1880390000

Accessories

End plate / Partition plate
dark beige
End bracket
dark beige
Screwdriver
With "swifty set" cutting device
Standard
G25 with indicator / imperial (inch) fuse
0.50 A medium slow / 2 A
2.00 A fast / 5 A
4.00 A fast / 10 A
Marking tags

Type	Qty.	Order No.
WAP WSI4/2	50	1880450000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
GZ 2.0A/F	2 A 10	1460600000
GZ 5.0A/F	0.5 A 10	1460620000
GZ 10.0A/F	10	1460640000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6 MC NE WS	600	1609900000

WSI 4/2
Overload and short-circuit protection

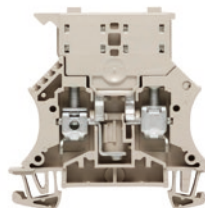
Type	Order No.			
WSI 4/2	1880430000			
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
	Individual	55 °C 4.0 W / 10 A	35 °C 2.5 W / 2.5 A	
In combination	68 °C 2.5 W / 2.5 A	41 °C 1.6 W / 1.0 A		

For detailed information on other accessories and application in the online catalogue

WSI 6

6 mm²

Metric fuses

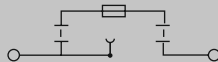


WSI 6

Overload and short-circuit protection

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

7.9 x 60 x 61
6.3 / 10
0.5...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	

Note

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

Accessories

Screwable cross-connection	
	2-pole
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	dark beige
	dark beige
Screwdriver	
	Standard
End bracket	
	dark beige
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	600 (C)	600 (C)	
6.3	9.5	10	
6	AWG 22...8	AWG 20...8	
6 kV / 3			
V-0			

CE, ENEC, Kitemark, NEMA, VDE

Rated connection	
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
/ (M 3.5)	
0.8 x 4.0 mm	

Type	Qty.	Order No.
WSI 6	50	1011000000
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

Type		Qty.	Order No.
QL 2 SAK6N	41 A	50	0194300000
QL 10 SAK6N	41 A	20	0338300000
SS M3 D 128-A 3		50	0164400000
KISC M3X5		100	1052100000
WAP 2.5-10		50	1050000000
WAP 16+35 WTW 2.5-10		20	1050100000
SDS 0.8X4.0X100		1	2749360000
WEW 35/2		50	1061200000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
DEK 5/8 MC NE WS		800	1856740000
WS 12/6.5 MC NE WS		540	1609920000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

Type	Order No.
WSI 6	1011000000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	42 °C	4.0 W / 6.3 A	31 °C	1.6 W / 3.0 A
In combination	36 °C	225 W / 6.3 A	27 °C	1.6 W / 3.0 A

For detailed information on other accessories and application in the online catalogue

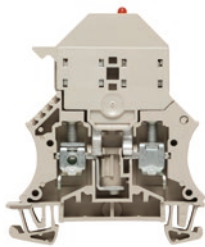
Markers only fit on one side. Cross-connections, see section "W series accessories".



Screw connection with clamping yoke technology (W-Series)
Fuse terminal blocks

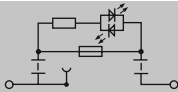
WSI 6 LD 6 mm²

Metric fuses / bipolar LED



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

7.9 x 60 x 71.5
6.3 / 10
0.5...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque (clamping screw for copper conductors)	
Blade size	
Note	

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
140-250 V AC/DC, with LED	
Note	

Accessories

Screwable cross-connection	
2-pole	
10-pole	
Lock washer	
Mounting screw	
End plate / Partition plate	
dark beige	
dark beige	
Screwdriver	
Standard	
End bracket	
dark beige	
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
0.25 A fast	
0.50 A fast	
1.00 A fast	
2.00 A fast	
Marking tags	

IEC 60947-7-3			
IEC	UL	CSA	EN 60079-7
500			
6.3			
6	AWG 22...8	AWG 20...8	
6 kV / 3			
V-0			
CE			
Rated connection			
0.5...10 / 1.5...10			
0.5...10 / 0.5...6			
/ (M 3.5)			
0.8 x 4.0 mm			
Note			

Type	Qty.	Order No.
WSI 6/LD 10-36V DC/AC	10	1011300000
WSI 6/LD 30-70V DC/AC	10	1012200000
WSI 6/LD 60-150V DC/AC	10	1012300000
WSI 6/LD 250AC	10	1012400000
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

Type		Qty.	Order No.
QL 2 SAK6N	41 A	50	0194300000
QL 10 SAK6N	41 A	20	0338300000
SS M3 D 128-A 3		50	0164400000
KISC M3X5		100	1052100000
WAP 2.5-10		50	1050000000
WAP 16+35 WTW 2.5-10		20	1050100000
SDS 0.8X4.0X100		1	2749360000
WEW 35/2		50	1061200000
G 20/0.25A/F	0.25 A	10	0430500000
G 20/0.50A/F	0.5 A	10	0430600000
G 20/1.00A/F	1 A	10	0430700000
G 20/2.00A/F	2 A	10	0430900000
DEK 5/8 MC NE WS		800	1856740000
WS 12/6.5 MC NE WS		540	1609920000
DEK 5/8 MM WS		500	2007130000
WS 8/8 MM WS		500	2007170000

WSI 6 LD

Overload and short-circuit protection

Type	Order No.
WSI 6/LD 10-36V DC/AC	1011300000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	42 °C	4.0 W / 6.3 A	31 °C	1.6 W / 3.0 A
In combination	36 °C	225 W / 6.3 A	27 °C	1.6 W / 3.0 A

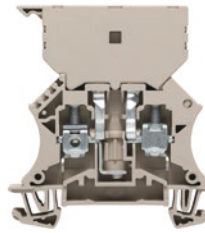
For detailed information on other accessories and application in the online catalogue

Markers only fit on one side. Cross-connections, see section "W series accessories".

WSI 6/2

6 mm²

Imperial fuses

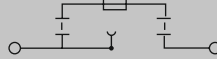


WSI 6/2

Overload and short-circuit protection

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 60 x 66.5
6.3 / 10
0.5...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	

Note

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

Accessories

Screwable cross-connection	
	2-pole
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	dark beige
	dark beige
G25 with indicator / imperial (inch) fuse	
	0.50 A medium slow / 2 A
	2.00 A fast / 5 A
	4.00 A fast / 10 A
Marking tags	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	600 (C)	150 (C)	
6.3	16	16	
6	AWG 22...8	AWG 20...6	
6 kV / 3			
V-0			

CE, ENEC, VDE, N, RA

Rated connection	
0.5...10 / 1.5...10	
0.5...10 / 0.5...6	
/ (M 3.5)	
0.8 x 4.0 mm	

Fuse inserts or contact sleeves should be attached in the middle.

Type	Qty.	Order No.
WSI 6/2 GZ/DEF63	25	1014000000
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

Type	Qty.	Order No.
QL 2 SAK16	76 A 50	0470700000
QL 10 SAK16	76 A 20	0471000000
SS M3 D 128-A 3	50	0164400000
KISC M3X5	100	1052100000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
GZ 2.0A/F	2 A 10	1460600000
GZ 5.0A/F	0.5 A 10	1460620000
GZ 10.0A/F	10	1460640000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

Type	Order No.
WSI 6/2 GZ/DEF63	1014000000

Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	52 °C	4.0 W / 10.0 A	42 °C	2.5 W / 2.5 A
In combination	62 °C	2.5 W / 2.5 A	30 °C	2.5 W / 2.5 A

For detailed information on other accessories and application in the online catalogue

Markers only fit on one side. Cross-connections, see section "W series accessories".

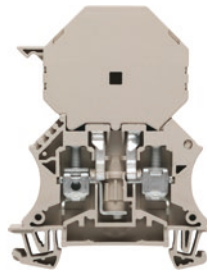
Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

WSI 6/2 m. LED

6 mm²

Imperial fuses / bipolar LED

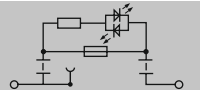


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 60 x 78.5

6.3 / 10

0.5...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	

Note

Ordering data

Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	140-250 V AC/DC, with LED
Note	

Accessories

Screwable cross-connection	
	2-pole
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	dark beige
	dark beige
G25 with indicator / imperial (inch) fuse	
	0.50 A medium slow / 2 A
	2.00 A fast / 5 A
	4.00 A fast / 10 A
Marking tags	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
6	AWG 22...8	AWG 20...6	
			6 kV / 3
			V-0

CE, RoHS, REACH, N, RA

Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5...6
/ (M 3.5)
0.8 x 4.0 mm

Fuse inserts or contact sleeves should be attached in the middle.

Type	Qty.	Order No.
WSI 6/2/LD 10-36V DC/AC	25	1014100000
WSI 6/2/LD 30-70V DC/AC	25	1014200000
WSI 6/2/LD 60-150VDC/AC	25	1014300000
WSI 6/2/LD 250AC	25	1014400000
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

Type	Qty.	Order No.
QL 2 SAK16	76 A 50	0470700000
QL 10 SAK16	76 A 20	0471000000
SS M3 D 128-A 3	50	0164400000
KISC M3X5	100	1052100000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
GZ 2.0A/F	2 A 10	1460600000
GZ 5.0A/F	0.5 A 10	1460620000
GZ 10.0A/F	10	1460640000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

WSI 6/2 m. LED

Overload and short-circuit protection

Type	Order No.
WSI 6/2/LD 10-36V DC/AC	1014100000

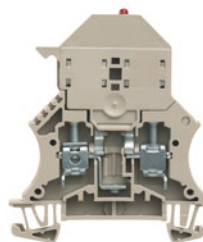
Arrangement	Applications			
	Only short-circuit protection		Overload and short-circuit protection	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	52 °C	4.0 W / 10.0 A	42 °C	2.5 W / 2.5 A
In combination	62 °C	2.5 W / 2.5 A	30 °C	2.5 W / 2.5 A

For detailed information on other accessories and application in the online catalogue

Markers only fit on one side. Cross-connections, see section "W series accessories".

WSI 6/LD LLC

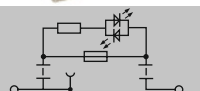
6 mm²



7.9 x 60 x 71.5

6.3 / 10

0.5...10



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
6	AWG 22...8	AWG 20...8	
			/ 3
			V-0

CE ENEC

Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5...6
/ (M 3.5)
0.8 x 4.0 mm

Note

Ordering data

Version
10-36 V AC/DC, with LED
30-70 V AC/DC, with LED
60-150 V AC/DC, with LED
140-250 V AC/DC, with LED

Note

Type	Qty.	Order No.
WSI 6/LD 10-36V LLC	10	1119840000
WSI 6/LD 30-70V LLC	10	1119830000
WSI 6/LD 60-150V LLC	10	1119850000
WSI 6/LD 250AC LLC	10	1119870000

Accessories

Screwable cross-connection	
2-pole	
10-pole	
Mounting screw	
End plate / Partition plate	
dark beige	
dark beige	
End bracket	
dark beige	
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
0.25 A fast	
0.50 A fast	
1.00 A fast	
2.00 A fast	
Screwdriver	
Standard	
Marking tags	

Type	Qty.	Order No.
QL 2 SAK6N	41 A 50	0194300000
QL 10 SAK6N	41 A 20	0338300000
KISC M3X20 SAK10 CU5	100	0377100000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
SDS 0.8X4.0X100	1	2749360000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
DEK 5/8 MM WS	500	2007130000
WS 8/8 MM WS	500	2007170000

For detailed information on other accessories and application in the online catalogue

Markers only fit on one side. Cross-connections, see section "W series accessories".

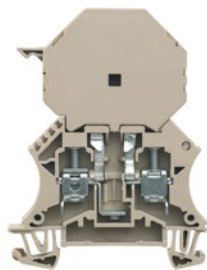


Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

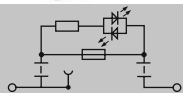
WSI 6/2/LD LLC

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 60 x 78.5
6.3 / 10
0.5...10



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500			
6.3			
6	AWG 22...8	AWG 20...8	
/ 3			
V-0			
CE CB CB CB CB			
Rated connection			
0.5...10 / 1.5...10			
0.5...10 / 0.5...6			
/ (M 3.5)			
0.8 x 4.0 mm			

Note

Ordering data

Version
10-36 V AC/DC, with LED
30-70 V AC/DC, with LED
60-150 V AC/DC, with LED
140-250 V AC/DC, with LED
Note

Type	Qty.	Order No.
WSI 6/2/LD 10-36V LLC	25	1119800000
WSI 6/2/LD 30-70V LLC	25	1119810000
WSI 6/2/LD 60-150V LLC	25	1119820000
WSI 6/2/LD 250AC LLC	25	1119790000

Accessories

Screwable cross-connection	
2-pole	
10-pole	
Lock washer	
Mounting screw	
End plate / Partition plate	
dark beige	
dark beige	
End bracket	
dark beige	
G25 with indicator / imperial (inch) fuse	
0.50 A medium slow / 2 A	
2.00 A fast / 5 A	
4.00 A fast / 10 A	
Screwdriver	
Standard	
Marking tags	

Type	Qty.	Order No.
QL 2 SAK16	76 A 50	0470700000
QL 10 SAK16	76 A 20	0471000000
SS M3 D 128-A 3	50	0164400000
KISC M3X5	100	1052100000
WAP 2.5-10	50	1050000000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
GZ 2.0A/F	2 A 10	1460600000
GZ 5.0A/F	0.5 A 10	1460620000
GZ 10.0A/F	10	1460640000
SDS 0.8X4.0X100	1	2749360000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

Markers only fit on one side. Cross-connections, see section "W series accessories".

WSI 25 10x38

25 mm²



WSI 25 CC

25 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

18 x 81 x 58
32 / 25
1.5...25



18 x 81 x 58
32 / 25
1.5...25



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
690			
32			
25		AWG 18...3	
		6 kV / 3	
		V-0	
CE CB CB			
Rated connection			
1.5...25 / 1.5...25			
1.5...25 / 1.5...25			

Suitable for fuse inserts acc. to IEC 60269-6 with power losses up to 3 W maximum. 440 V DC

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
690			
32			
25		AWG 18...3	
		6 kV / 3	
		V-0	
CE CB CB			
Rated connection			
1.5...25 / 1.5...25			
1.5...25 / 1.5...25			

Suitable for fuse cartridges in accordance with IEC 60269-6 with power losses up to max. 3 W. Suitable for fuse cartridges in accordance with UL 248-4.

Ordering data

Version	
1-pole, without LED	
2-pole, without LED	
3-pole, without LED	
1-pole, with LED	
Note	

Type	Qty.	Order No.
WSI 25/1 10X38	12	1966020000
WSI 25/2 10X38	6	1966090000
WSI 25/3 10X38	4	1966080000
WSI 25/1 10X38/LED 690V	12	1966060000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
WSI 25/1 CC	12	1966050000
WSI 25/2 CC	6	1966040000
WSI 25/3 CC	4	1966030000
WSI 25/1 CC/LED	12	1966070000

Accessories

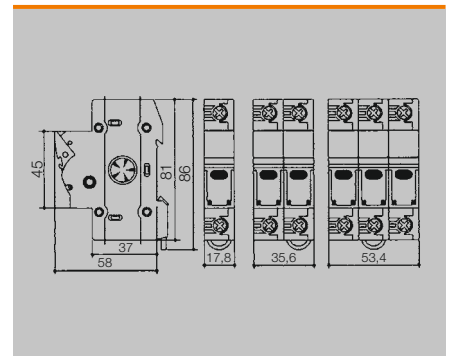
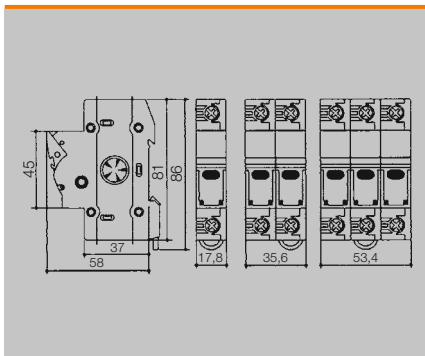
Marking tags	
Marking tags	

Type	Qty.	Order No.
ESG 6/15 K MC NE WS	200	1880100000

Type	Qty.	Order No.
ESG 6/15 K MC NE WS	200	1880100000

For detailed information on other accessories and application in the online catalogue

Technical drawing





Screw connection with clamping yoke technology (W-Series)
Fuse terminal blocks

WSI 25/1 10x38 1KV 25 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

18 x 81 x 58
30 / 25
1.5...25



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	

Note

IEC 60269-1			
IEC	UL	CSA	EN 60079-7
1000			
30			
25		AWG 18...8	
		6 kV / 3	
		V-0	
CE CB UK UL			
Rated connection			
1.5...25 / 1.5...25			
1.5...25 / 1.5...25			
Suitable for fuse cartridges to IEC 60269-6 with power loss up to 3 W maximum.			

Ordering data

Version
1-pole, without LED
1-pole, with LED
Note

Type	Qty.	Order No.
WSI 25/1 10X38 1KV	12	1137790000
WSI 25/1 10X38/LED 1KV	12	1137780000

Accessories

Safety fuses
2 A
4 A
6 A
10 A
12 A
16 A
20 A

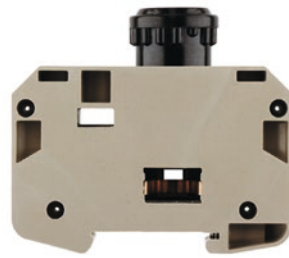
Type	Qty.	Order No.
FUSE 1KV DC 2A 10/38	10	1224870000
FUSE 1KV DC 4A 10/38	10	1224880000
FUSE 1KV DC 6A 10/38	10	1224890000
FUSE 1KV DC 10A 10/38	10	1224910000
FUSE 1KV DC 12A 10/38	10	1224920000
FUSE 1KV DC 16A 10/38	10	1224930000
FUSE 1KV DC 20A 10/38	10	1224950000

For detailed information on other accessories and application in the online catalogue

SAKS 2/35 DB

10 mm²

D fuses E 16



27.6 x 80 x 73.5
10 / 16
0.22...16



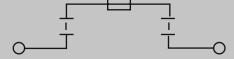
SAKS 4/35 DB

10 mm²

D 01 fuses E 14



24 x 75 x 65
16 / 16
0.22...16



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500		600 (C)	
10		25	
10		AWG 22...8	
	6 kV / 3		
	V-0, 5VA		
Rated connection			
0.5...16 / 0.5...10			
0.5...10			
/ (M 4)			
1.0 x 5.5 mm			

Connections for stranded conductors from 10 mm² and AWG conductors require a tightening torque of 2 Nm.

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400	600 (C)	600 (C)	
16	30	30	
10	AWG 26...8	AWG 22...8	
	6 kV / 3		
	V-0, 5VA		
Rated connection			
0.5...16 / 0.5...10			
0.5...10			
/ (M 4)			
1.0 x 5.5 mm			

400 V also with Neozed marine engineering fuse. On connection of over 10 mm² stranded and 7-wire AWG conductors, the tightening torque is 2 Nm.

Ordering data

Version	500 V AC/DC, without LED
Note	

Type	Qty.	Order No.
SAKS 2/35 DB	20	1368700000
Material Duroplast KRG		

Type	Qty.	Order No.
SAKS 4/35 DB	20	0501800000
Material Duroplast KRG		

Accessories

Screwable cross-connection	
2-pole	
10-pole	
Lock washer	
Mounting screw	
End plate / Partition plate	
dark beige	
Screw cover cap	
SK	
Safety fuses	
Gauge rings	
Marking tags	

Type	Qty.	Order No.
QL 2 SAKS2	36 A 20	0207800000
QL 10 SAKS2	36 A 20	0338900000
SS M4 D 128-A 4	100	0136400000
BFSC M4X9T	100	0103300000
WTW EN		
	20	1058800000
SK E16/SAKS2		
	25	0284110000
E 16/10A RT TNDZ	10 A 25	0208500000
E 16/16A GR TNDZ	16 A 25	0208600000
E 16/20A BL TNDZ	20 A 25	0208700000
E 16/25A GE TNDZ	25 A 25	0208800000
DEK 5/5 MC NE WS		
	1000	1609801044

Type	Qty.	Order No.
QL 2 SAKS4	47 A 20	0328000000
QL 10 SAKS4	47 A 20	0339000000
SS M4 D 128-A 4	100	0136400000
BFSC M4X9T	100	0103300000
WTW EN		
	20	1058800000
SK E14 SAKS4		
	20	0339410000
E 14/2A RS	2 A 10	0137400000
E 14/4A BR	4 A 10	0137500000
E 14/6A GN	6 A 10	0328300000
E 14/10A RT	10 A 10	0328400000
P 14/2 D01 RS SAKS4	2 A 50	0138000000
P 14/4 D01 BR SAKS4	4 A 50	0138100000
DEK 5/5 MC NE WS		
	1000	1609801044

For detailed information on other accessories and application in the online catalogue

Replacement screw cover cap, order no. 0284110000 (QTY 20) Cross-connections, see section "W series accessories".

Replacement screw cover cap, order no. 0339410000 (QTY 20) Cross-connections, see section "W series accessories".

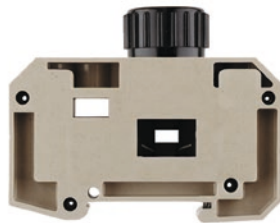
Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks

SAKS 5/35 DB

16 mm²

D 02 fuse E 18



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

28 x 80 x 65

63 / 16

1.5...16



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400	600 (C)	600 (C)	
63	40	63	
16	AWG 14...6	AWG 14...6	
6 kV / 3			
V-0, 5VA			

CE ENEC TUV SÜD

Rated connection

1.5...16 / 1.5...16
1.5...16
/ (M 4)
1.0 x 5.5 mm

400 V also with Neozed marine engineering fuse. On connection of over 10 mm² stranded and 7-wire AWG conductors, the tightening torque is 2 Nm.

Note

Ordering data

Version
500 V AC/DC, without LED
Note

Type	Qty.	Order No.
SAKS 5/35 DB	20	0502100000
Material Duroplast KRG		

Accessories

Screwable cross-connection	
	2-pole
	10-pole
	Lock washer
	Mounting screw
End plate / Partition plate	
	dark beige
Screw cover cap	
	SK
Safety fuses	
Gauge rings	
Marking tags	

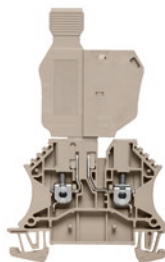
Type	Qty.	Order No.
QL 2 SAKS2	36 A 20	0207800000
QL 10 SAKS2	36 A 20	0338900000
SS M4 D 128-A 4	100	0136400000
BFSC M4X9T	100	0103300000
WTW EN	20	1058800000
SK E18 SAKS5	20	0359310000
E 18/20A BL	20 A 10	0361300000
E 18/25A GE	25 A 10	0361400000
E 18/35A SW	35 A 10	0361500000
P 18/20 D02 BL SAKS5	20 A 50	0361800000
P 18/25 D02 GE SAKS5	25 A 50	0361900000
P 18/35 D02 SW SAKS5	35 A 50	0362000000
P 18/50 D02 WS SAKS5	50 A 50	0362100000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue

Replacement screw cover cap, order no. 0359310000 (QTY 20) Cross-connections, see section "W series accessories".

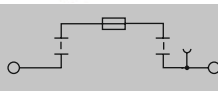
WTR 2.5/SI

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 60 x 97
6.3 / 4
0.05...4



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	

Note

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
400		300 (D)	
6.3		10	
2.5	AWG 22...12	AWG 26...12	
		6 kV / 3	
		V-0	

CE ENEC TUV SÜD

Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
/ (M 2.5)
0.6 x 3.5 mm

2.5 mm² wires with wire ferrules including the plastic collar only clampable with diameter-optimised collar (Order no. 1333100000, pack of 500).

Ordering data

Version	
	400 V AC/DC, without LED
	10-36 V AC/DC, with LED
Note	

Type	Qty.	Order No.
WTR 2.5/SI	25	1763940000
WTR 2.5/SI LD 36V	25	1763950000
UL/CSA specified for cartridge fuse 400 V; otherwise, the specified voltage range also applies to UL/CSA.		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

For detailed information on other accessories and application in the online catalogue

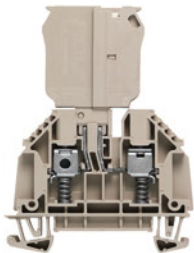
Cross-connection options for WTR 2.5, see section on W-series Accessories.



Screw connection with clamping yoke technology (W-Series)
Fuse terminal blocks

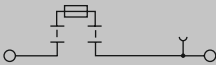
WTR 4 SI SL **4 mm²**

With fuse holder



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 61.5 x 97	
6.3 / 6	
0.22...6	



Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300 (D)	300 (D)	
6.3	6.3	6.3	
4	AWG 22...10	AWG 22...10	
	6 kV / 3		
	V-0		

CE ENEC

Rated connection	
0.5...6 / 1.5...6	
0.5...4	
/ (M 3)	
0.6 x 3.5 mm	

Note

Ordering data

Version
400 V AC/DC, without LED
Note

Type	Qty.	Order No.
WTR 4 SI SL	25	7910330000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Black
	dark beige
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
End bracket	
	dark beige
Hak. Cable lugs	
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP 2.5-10	50	1050000000
WAP 2.5-10 SW	50	1050010000
WAP 16*35 WTW 2.5-10	20	1050100000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
WEW 35/2	50	1061200000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

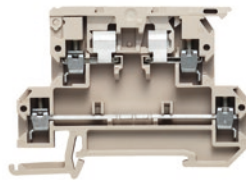
For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

KDKS 1/35 DB

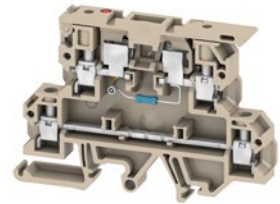
4 mm²

Metric fuses 5 x 20 mm



KDKS 1EN/LLC

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²




8 x 73.5 x 55.6	
6.3 / 4	
0.22...4	




8 x 76.5 x 54.6	
/ 4	
0.22...4	

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	
Note	

IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	300 (D)	
6.3	10	10	
4	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			
  			
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
/ (M 3)			
0.6 x 3.5 mm			
Note: max. conductor size = 2.5 mm ² when using the cross-connector.			

IEC	UL	CSA	EN 60079-7
500	300 (C)	150 (C)	
6.3	20	25	
4	AWG 26...12	AWG 26...12	
/ 3			
V-0			
  			
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
/ (M 3)			
0.6 x 3.5 mm			

Ordering data

Version	
500 V AC/DC, without LED	
10-36 V AC/DC, with LED	
30-70 V AC/DC, with LED	
60-150 V AC/DC, with LED	
100 - 250 V AC/DC, with LED	
Note	

Type	Qty.	Order No.
KDKS 1/35 DB	50	9532440000
Max. power loss (1.6 W) at the cartridge fuse limits the rated current.		

Type	Qty.	Order No.
KDKS 1EN/LLC 10-36V AC/DC	50	9802720001
KDKS 1EN/LLC 30-70V AC/DC	50	9908510001
KDKS 1EN/LLC 100-250V AC/DC	50	9915820001

Accessories

End plate / Partition plate	
dark beige	
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
0.25 A fast	
0.50 A fast	
1.00 A fast	
2.00 A fast	
Marking tags	

Type	Qty.	Order No.
AP KDKS1 DB	20	9532470000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/8 MC NE WS	800	1856740000

Type	Qty.	Order No.
AP KDKS1 DB	20	9532470000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/8 MC NE WS	800	1856740000

For detailed information on other accessories and application in the online catalogue



Screw connection with clamping yoke technology (W-Series)
Fuse terminal blocks

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Blade size	
Note	

Ordering data

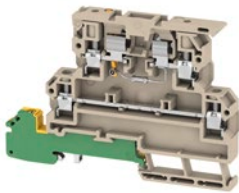
Version	
	500 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	100 - 250 V AC/DC, with LED
Note	

Accessories

End plate / Partition plate	
	dark beige
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
	0.25 A fast
	0.50 A fast
	1.00 A fast
	2.00 A fast
Marking tags	

KDKS 1PE/LLC

4 mm²



8 x 91 x 65
/ 4
0.33...4
IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3

IEC	UL	CSA	EN 60079-7
500	300 (C)	150 (C)	
6.3	20	25	
4	AWG 26...12	AWG 26...12	
6 kV / 3			
V-0			
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
/ (M 3)			
0.6 x 3.5 mm			
Note			

Type	Qty.	Order No.
KDKS 1PE/LLC 10-36V AC/DC	50	1518300000
KDKS 1PE/LLC 30-70V AC/DC	50	1518330000
KDKS 1PE/LLC 60-150V AC/DC	50	1518340000
KDKS 1PE/LLC 100-250V AC/DC	50	1518370000
Note		

Type	Qty.	Order No.
AP KDKS1 DB	20	9532470000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
DEK 5/8 MC NE WS	800	1856740000

KDKS 1/35 DB

Overload and short-circuit protection

Type	Order No.
KDKS 1/35 DB	9532440000
Note	

Arrangement	Applications			
	Only short-circuit protection		Overload	
	T _A max.	Nominal values	T _A max.	Nominal values
Individual	23 °C*	4.0 W / 10 A*	41 °C	1.6 W / 6.3 A
In combination	50 °C*	1.6 W / 6.3 A	23 °C	1.6 W / 6.3 A
*) Values not available → The values specified were not measured but instead read from the derating curves and transferred to the "only short-circuit protection" operating mode.				

For detailed information on other accessories and application in the online catalogue



Screw connection with clamping yoke technology (W-Series)

Fuse terminal blocks - accessories

Fuse cartridges

Technical data

for terminal type:
WSI 4
WSI 6
AFS 4 2C BK
ZSI 2.5
ZSI 2.5-2/2X2AN/G20
ZSI 6-2 2X2.5/G20
KDKS 1/35 DB



Ordering data

G-type fuse cartridges 5 x 20 without indicator in accordance with IEC 60127-2 (VDE 0820 T.2 BI) ¹⁾						
Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
Cartridge fuse Rated breaking capacity	G-Si. 5 x 20 1.5 kA	0.1	quick-acting	G 20/0.10A/F	10	0430300000
		0.2	quick-acting	G 20/0.20A/F	10	0430400000
		0.25	quick-acting	G 20/0.25A/F	10	0430500000
		0.5	quick-acting	G 20/0.50A/F	10	0430600000
		0.63	quick-acting	G 20/0.63A/F	10	0439000000
		1	quick-acting	G 20/1.00A/F	10	0430700000
		1.6	quick-acting	G 20/1.60A/F	10	0430800000
		2	quick-acting	G 20/2.00A/F	10	0430900000
		2.5	quick-acting	G 20/2.50A/F	10	0431000000
		3.15	quick-acting	G 20/3.15A/F	10	0431100000
		4	quick-acting	G 20/4.00A/F	10	0431200000
		5	quick-acting	G 20/5.00A/F	10	0431300000
		6.3	quick-acting	G 20/6.30A/F	10	0431400000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
WSI 6



Ordering data

G-type fuse cartridges 5 x 25 with code in acc. with DIN 41576 ¹⁾						
Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
Cartridge fuse Rated breaking capacity	G-Si. 5 x 25 80 A	0.25	medium time-lag	G 25/0.25A/M GE	10	0546900000
		0.5	medium time-lag	G 25/0.50A/M WS	10	0510300000
		0.8	medium time-lag	G 25/0.80A/M GR	10	0646400000
		1	medium time-lag	G 25/1.00A/M RT	10	0265800000
		2	quick-acting	G 25/2.00A/F BL	10	0192700000
		4	quick-acting	G 25/4.00A/F BR	10	0192800000
		6.3	quick-acting	G 25/6.30A/F GN	10	0192900000
		10	medium time-lag	G 25/10.0A/M RT	10	0193100000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
WSI 4/2
WSI 6/2 GZ/DEF63



Ordering data

Fuse cartridges 1 1/4" x 1/4" without indicator in acc. with BS 88						
Size (mm)		Rated current	Characteristics	Type	Qty.	Order No.
Cartridge fuse Rated breaking capacity	G-Si. 6.3 x 32 50 kA	0.5	quick-acting	GZ 0.5A/F	10	1460580000
		1	quick-acting	GZ 1.0A/F	10	1460590000
		2	quick-acting	GZ 2.0A/F	10	1460600000
		3	quick-acting	GZ 3.0A/F	10	1460610000
		5	quick-acting	GZ 5.0A/F	10	1460620000
		7	quick-acting	GZ 7.0A/F	10	1460630000
		10	quick-acting	GZ 10.0A/F	10	1460640000
		12.5	quick-acting	GZ 12.5A/F	10	1460650000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
SAKS 2/35 DB



Ordering data

D-type fuse cartridge E 16 with indicator in acc. with DIN 49360 (Diazed)					
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.
Cartridge fuse Rated breaking capacity	10	slo-blo	E 16/10A RT TNDZ	25	0208500000
	16	slo-blo	E 16/16A GR TNDZ	25	0208600000
	20	slo-blo	E 16/20A BL TNDZ	25	0208700000
	25	slo-blo	E 16/25A GE TNDZ	25	0208800000

(M) = medium time-lag; (F) = quick-acting

Technical data

for terminal type:
SAKS 4/35 DB



Ordering data

D-type fuse cartridges E 14 size D 01 and E 18 size D 02 with indicator in acc. with DIN 49522 (Neozed ³⁾)					
Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.
Cartridge fuse	10	slo-blo	E 14/10A RT	10	0328400000
	16	slo-blo	E 14/16A GR	10	0328500000
	2	slo-blo	E 14/2A RS	10	0137400000
	4	slo-blo	E 14/4A BR	10	0137500000
Rated breaking capacity	6	slo-blo	E 14/6A GN	10	0328300000

(M) = medium time-lag; (F) = quick-acting

Fuse cartridges

Technical data

for terminal type:
SAKS 5/35 DB



Ordering data

D-type fuse cartridges E 14 size D 01 and E 18 size D 02 with indicator in acc. with DIN 49522 (Neozed)³⁾

Size (mm)	Rated current	Characteristics	Type	Qty.	Order No.
	20	slo-blo	E 18/20A BL	10	0361300000
	25	slo-blo	E 18/25A GE	10	0361400000
Cartridge fuse	35	slo-blo	E 18/35A SW	10	0361500000
Rated breaking capacity	50	slo-blo	E 18/50A WS	10	0361600000
	63	slo-blo	E 18/63A KU	10	0361700000

(M) = medium time-lag; (F) = quick-acting

- 1) The company SIBA supplies G-type fuse cartridges 5 x 25 with indicator, also in marine engineering version for 450 V~.
2) Fuse cartridges 5 x 30 (500 V~) für SAKS 3 are available from the company WICKMANN.
3) The company LINDNER supplies Neozed fuse cartridges, also in a further marine engineering version for 440 V~.
4) Fuse cartridges with the dimensions 1"x1/4" = 25.4x6.35 mm and 13/32"x11/2" = 10.3x38.1 mm are not in the programme.
5) Only for SAKS 1 and SAKS 7.

Safety fuse 10x38 mm

In photovoltaic applications, fusing of individual strings is needed. Specially designed fuses should be used as DC voltages and current are involved. AC fuses are not suitable. The range from 2-20 A and up to 1000 V DC can be covered with safety fuses, size 10 x 38 mm.



Ordering data

Type	Qty.	Order No.
FUSE 1KV DC 2A 10/38	10	1224870000
FUSE 1KV DC 4A 10/38	10	1224880000
FUSE 1KV DC 6A 10/38	10	1224890000
FUSE 1KV DC 10A 10/38	10	1224910000
FUSE 1KV DC 12A 10/38	10	1224920000
FUSE 1KV DC 16A 10/38	10	1224930000
FUSE 1KV DC 20A 10/38	10	1224950000
Note		

Gauge rings

Technical data

for terminal type:
SAKS 4/35 DB



Ordering data

Type	Cartridge fuse	Current	Colour	Qty.	Order No.
P 14/2 D01 RS SAKS4	E14 / 2	2 A	pink	50	0138000000
P 14/4 D01 BR SAKS4	E14 / 4	4 A	brown	50	0138100000
P 14/6 D01 GN SAKS4	E14 / 6	6 A	green	50	0328600000
P 14/10 D01 RT SAKS4	E14 / 10	10 A	red	50	0328700000

Technical data

for terminal type:
SAKS 5/35 DB



Ordering data

Type	Cartridge fuse	Current	Colour	Qty.	Order No.
P 18/20 D02 BL SAKS5	E18 / 20	20 A	blue	50	0361800000
P 18/25 D02 GE SAKS5	E18 / 25	25 A	yellow	50	0361900000
P 18/35 D02 SW SAKS5	E18 / 35	35 A	black	50	0362000000
P 18/50 D02 WS SAKS5	E18 / 50	50 A	white	50	0362100000



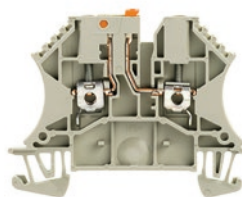
Screw connection with clamping yoke technology (W-Series)

Test-disconnect terminal blocks

WTR 2.5

2.5 mm²

With clamping screw



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 60 x 48

24 / 4

0.05...4



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
Note	

IEC 60947-1

IEC	UL	CSA	EN 60079-7
500	600	300	
24	20	10	
2.5	AWG 30...12	AWG 26...12	
6 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4

0.5...4

/ (M 2.5)

10 / 0.6 x 3.5 mm

2.5 mm² conductor with ferrule with plastic collar, only with order No. 1333100000 (QTY 500).

Ordering data

Version	
	dark beige
	Blue
	without isolator, dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
	2-pole, yellow
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Screwdriver	
	Standard
Testing / Checking	
	Test adapter
	Test plug
Marking tags	
For detailed information on other accessories and application in the online catalogue	

Type	Qty.	Order No.
WTR 2.5	100	1855610000
WTR 2.5 BL	100	8731640000
WTR 2.5/0.TNHE	100	8731700000

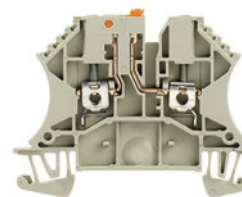
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
SDS 0.6X3.5X100	1	2749340000
WTA 6 WTR2.5	6 A 25	1632380000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

Cross-connections, see section "W series accessories".

WTR 2.5 STB

2.5 mm²

With sockets



5.1 x 60 x 48

24 / 4

0.05...4



IEC 60947-1

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	10	
2.5	AWG 30...12	AWG 26...12	
6 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

/ (M 3)

10 / 0.6 x 3.5 mm

2.5 mm² conductor with ferrule with plastic collar, only with order No. 1333100000 (QTY 500).

Type	Qty.	Order No.
WTR 2.5 STB2.3	100	1855620000
WTR 2.5 STB2.3 BL	100	8731660000
WTR 2.5/0.TNHE STB2.3	100	8731670000

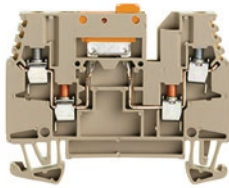
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
SDS 0.6X3.5X100	1	2749340000
PS 2.3 RT	20	0180400000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

Special cross-connector, see section on W-series accessories.

WTR 2.5/ZZ

2.5 mm²

Twin connection



5.1 x 60 x 46.5
16 / 4
0.13...4



IEC	UL	CSA	EN 60079-7
400	300	300	
16	10	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

CE ENEC

Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

/ (M 3)

7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 2.5/ZZ	50	1039900000
WTR 2.5/ZZ BL	50	1039980000
WTR 2.5/ZZ 0.TNHE	50	1774670000

2.5 mm² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).

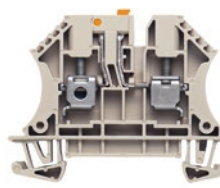
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000
WAP WTR2.5/ZZ	20	1074600000
WEW 35/2	50	1061200000
SIHA 1/G20	6.3 A 25	9537550000
SIHA 1/G20 10-36V	6.3 A 25	9537560000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000

Cross-connections, see section "W series accessories".

WTR 4

4 mm²

With clamping screw



6.1 x 60 x 48
32 / 6
0.22...6



IEC	UL	CSA	EN 60079-7
500	300	300	
32	10	10	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
A4 / V-0			

CE ENEC

Rated connection

0.5...6 / 1.5...6

0.5...4 / 0.5...2.5

/ (M 3)

13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 4	50	7910180000
WTR 4 BL	50	7910190000
WTR 4/0.TNHE	50	2436380000

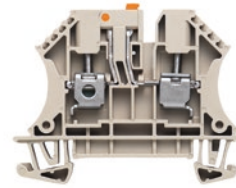
Type	Qty.	Order No.
ZQV 4N/10 GE	32 A 20	1758260000
ZQV 4N/2 GE	32 A 60	1758250000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
SDS 0.6X3.5X100	1	2749340000
WS 12/5 MC NE WS	720	1609860000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000

Cross-connections, see section "W series accessories".

WTR 4 STB

4 mm²

With socket



6.1 x 60 x 48
32 / 6
0.22...6



IEC	UL	CSA	EN 60079-7
500	300	300	
32	10	10	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
A4 / V-0			

CE ENEC

Rated connection

0.5...6 / 1.5...6

0.5...4 / 0.5...2.5

/ (M 3)

13 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 4 STB	50	7910210000
WTR 4 STB BL	50	7910220000
WTR 4 STB/0.TNHE	50	2436390000

Type	Qty.	Order No.
ZQV 4N/10 GE	32 A 20	1758260000
ZQV 4N/2 GE	32 A 60	1758250000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
SDS 0.6X3.5X100	1	2749340000
PS 2.3 RT	20	0180400000
WS 12/5 MC NE WS	720	1609860000
WS 8/6 MM WS	600	2007160000
DEK 5/6 MM WS	600	2007120000

Cross-connections, see section "W series accessories".

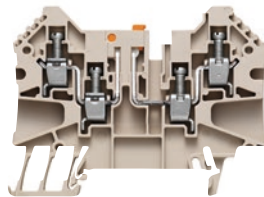
Screw connection with clamping yoke technology (W-Series)

Test-disconnect terminal blocks

WTR 4/ZZ

4 mm²

Twin connection with clamping screw



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 70 x 53
27 / 6
0.05...6



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
	without isolator, dark beige
Note	

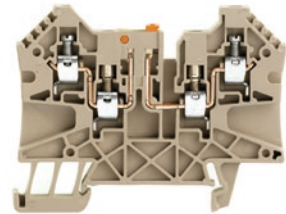
Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Marking tags	
Hak. Cable lugs	
For detailed information on other accessories and application in the online catalogue	

WTR 4/ZZ STB

4 mm²

Twin connection with socket



6.1 x 70 x 53
27 / 6
0.05...6



IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
	6 kV / 3		
	A4 / V-0		
CE			
Rated connection			
0.5...6 / 1.5...6			
0.5...4 / 0.5...2.5			
/ (M 3)			
10 / 0.6 x 3.5 mm			
Note			

Type	Qty.	Order No.
WTR 4/ZZ STB	50	1905100000
WTR 4/ZZ STB BL	50	1231330000
WTR 4/ZZ STB/O.TNHE	50	2436360000

Type	Qty.	Order No.
WTR 4/ZZ	50	1905090000
WTR 4/ZZ BL	50	1193450000
WTR 4/ZZ/O.TNHE	50	2436420000

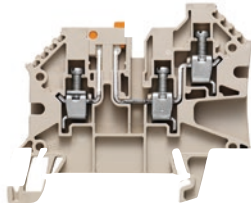
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDU/WTR4/ZZ	50	1905150000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
WS 12/5 MC NE WS	720	1609860000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
Cross-connections, see section "W series accessories".		

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDU/WTR4/ZZ	50	1905150000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
PS 2.3 RT	20	0180400000
WS 12/5 MC NE WS	720	1609860000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
Cross-connections, see section "W series accessories".		

WTR 4/ZR

4 mm²

Supplementary connection, right, with clamping screw



6.1 x 63.5 x 53
27 / 6
0.05...6



IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
6 kV / 3			
A4 / V-0			

CE

Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
/ (M 3)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 4/ZR	50	1905080000
WTR 4/ZR/O.TNHE	50	2436400000

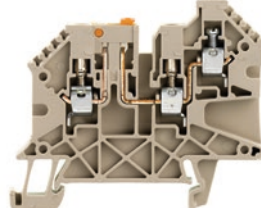
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDU/WTR4/ZR	50	1905070000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

Cross-connections, see section "W series accessories".

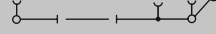
WTR 4/ZR STB

4 mm²

Supplementary connection with socket



6.1 x 63.5 x 53
27 / 6
0.05...6



IEC	UL	CSA	EN 60079-7
500	600	600	
27	25	25	
4	AWG 30...10	AWG 30...10	
6 kV / 3			
A4 / V-0			

CE

Rated connection

0.5...6 / 1.5...6
0.5...4 / 0.5...2.5
/ (M 3)
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WTR 4/ZR STB	50	1905110000
WTR 4/ZR STB/O.TNHE	50	2436410000

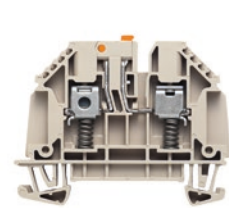
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WDU/WTR4/ZR	50	1905070000
WEW 35/2	50	1061200000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
PS 2.3 RT	20	0180400000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

Cross-connections, see section "W series accessories".

WTR 4 SL

4 mm²

With clamping screw



6.1 x 61.5 x 46.5
32 / 6
0.22...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
6 kV / 2			
A4 / V-0			

CE

Rated connection

0.5...6 / 1.5...6
0.5...4
/ (M 3)
13 / 0.6 x 3.5 mm

UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR 4 SL	50	7910270000
WTR 4 SL BL	50	7910280000

With pollution severity degree 2, the voltage can be raised to 630 V.

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000

Cross-connections, see section "W series accessories".

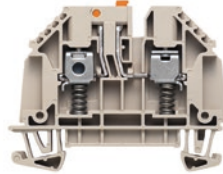
Screw connection with clamping yoke technology (W-Series)

Test-disconnect terminal blocks

WTR 4 SL STB

4 mm²

With socket



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.1 x 61.5 x 46.5	
32 / 6	
0.22...6	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

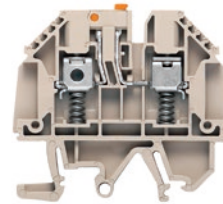
Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Hak. Cable lugs	
Testing / Checking	
	Test plug
Marking tags	

For detailed information on other accessories and application in the online catalogue

WTR 4 SL/EN

4 mm²

with clamping screw



6.1 x 61.5 x 51	
32 / 6	
0.22...6	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
630	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
	6 kV / 2		
	A4 / V-0		
Rated connection			
0.5...6 / 1.5...6			
0.5...4			
/ (M 3)			
13 / 0.6 x 3.5 mm			
Note			
UL/CSA 600 V possible with end plate WAP or WTW partition plate.			

Type	Qty.	Order No.
WTR4 SL/EN	50	7910360000
WTR4 SL/EN BL	50	7910370000
Note		
With pollution severity degree 2, the voltage can be raised to 630 V.		

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP 2.5-10		50	1050000000
WAP 16+35 WTW 2.5-10		20	1050100000
WEW 35/2		50	1061200000
HBT 1,5 - 3,0 RT		100	1312440000
HBT 2,5 - 3,0 BL		100	1312450000
PS 2.3 RT		20	0180400000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000

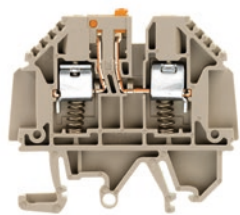
Cross-connections, see section "W series accessories".

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
WAP 2.5-10		50	1050000000
WAP 16+35 WTW 2.5-10		20	1050100000
WEW 35/2		50	1061200000
HBT 1,5 - 3,0 RT		100	1312440000
HBT 2,5 - 3,0 BL		100	1312450000
DEK 5/6 MC NE WS		1000	1609820000
WS 12/6 MC NE WS		600	1609900000
DEK 5/6 MM WS		600	2007120000

Cross-connections, see section "W series accessories".

WTR 4 STB SL/EN 4 mm²

With socket



6.1 x 61.5 x 51
32 / 6
0.22...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
32	22	10	
4	AWG 22...10	AWG 22...10	
6 kV / 3			
A4 / V-0			

CE ENEC KECCO VDE

Rated connection
0.5...6 / 1.5...6
0.5...4
/ (M 3)
13 / 0.6 x 3.5 mm
UL/CSA 600 V possible with end plate WAP or WTW partition plate.

Type	Qty.	Order No.
WTR4 SL/EN STB	50	7910390000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
HBT 1,5 - 3,0 RT	100	1312440000
HBT 2,5 - 3,0 BL	100	1312450000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/6 MC NE WS	600	1609900000
DEK 5/6 MM WS	600	2007120000

Cross-connections, see section "W series accessories".

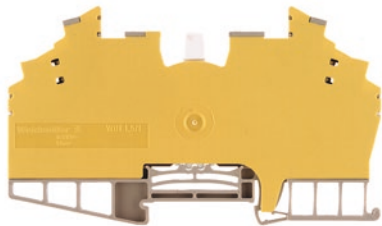


Screw connection with clamping yoke technology (W-Series)
Test-disconnect terminal blocks

WDT 1.5/1

1.5 mm²

Disconnection lower level



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.4 x 112 x 66	
10 / 2.5	
0.13...2.5	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
Note	

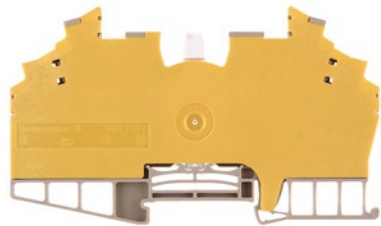
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	
4 kV / 3			
A2 / V-0			
CE CB CB N RA			
Rated connection			
0.5...2.5 / 1.5...2.5			
0.5...1.5 / 0.5...1.5			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			

WDT 1.5/2

1.5 mm²

Disconnection both levels



6.4 x 112 x 66	
10 / 2.5	
0.13...2.5	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	
4 kV / 3			
A2 / V-0			
CE CB CB N RA			
Rated connection			
0.5..2.5 / 1.5..2.5			
0.5..1.5 / 0.5..1.5			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
WDT 1.5/1 DB/GE	25	1015800000
Note		

Type	Qty.	Order No.
WDT 1.5/2 DB/GE	25	1015900000
Note		

Accessories

End bracket	dark beige
Screwdriver	Standard
Locking lever	
Marking tags	

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
RAHE LN WDT1.5	10	1865410000
DEK 5/6.5 MC NE WS	900	1609840000
WS 8/5 MC NE WS	720	1640740000

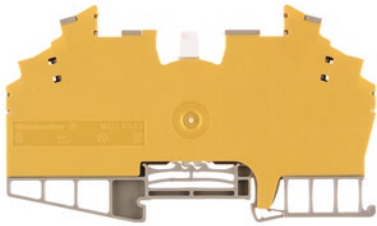
Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
RAHE LN WDT1.5	10	1865410000
DEK 5/6.5 MC NE WS	900	1609840000
WS 8/5 MC NE WS	720	1640740000

For detailed information on other accessories and application in the online catalogue

WDT 1.5/3

1.5 mm²

Disconnection lower level or both levels



6.4 x 112 x 66

10 / 2.5

0.13...2.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	AWG 26...14	AWG 26...14	
4 kV / 3			
A2 / V-0			

CE ENE N

Rated connection

0.5...2.5 / 1.5...2.5

0.5...1.5 / 0.5...1.5

/ (M 2.5)

10 / 0.6 x 3.5 mm

WDT 1.5/3 BL/HB Order no. 1016160000 flammability rating V2

Type	Qty.	Order No.
WDT 1.5/3 DB/GE	25	1016000000

Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
RAHE LN WDT1.5	10	1865410000
DEK 5/6.5 MC NE WS	900	1609840000
WS 8/5 MC NE WS	720	1640740000



Separate potentials simply and safely in confined spaces

Klippon® Connect test-disconnect terminal blocks

In marshalling cabinets of industrial control systems, signal lines from the field are often connected with terminal blocks. These are known as a robust, simple, and tidy connection option. However, their use requires sufficient current protection and a reliable disconnection circuit.

Our WDTR test-disconnect terminal blocks enable a safe and simple electrical isolation in confined spaces. Two potentials can be operated with only one terminal block, resulting in space-savings of 50%. The multifunctional disconnect section can be converted into a fuse terminal or equipped with a component plug to enable the integration of electronic components.

Your special advantages:

- Separation of two different potentials on one terminal block
- Maximum safety due to colour-contrasted disconnect levers
- Combination foot for maximum flexibility on TS 32 and TS 35 mounting rails
- Multifunctional separation area for individual applications

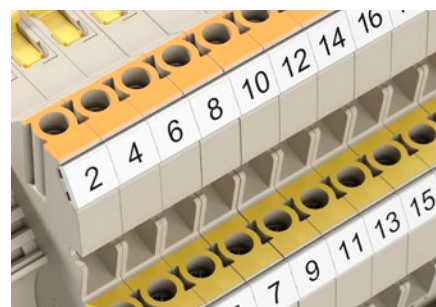
Space-saving on the mounting rail

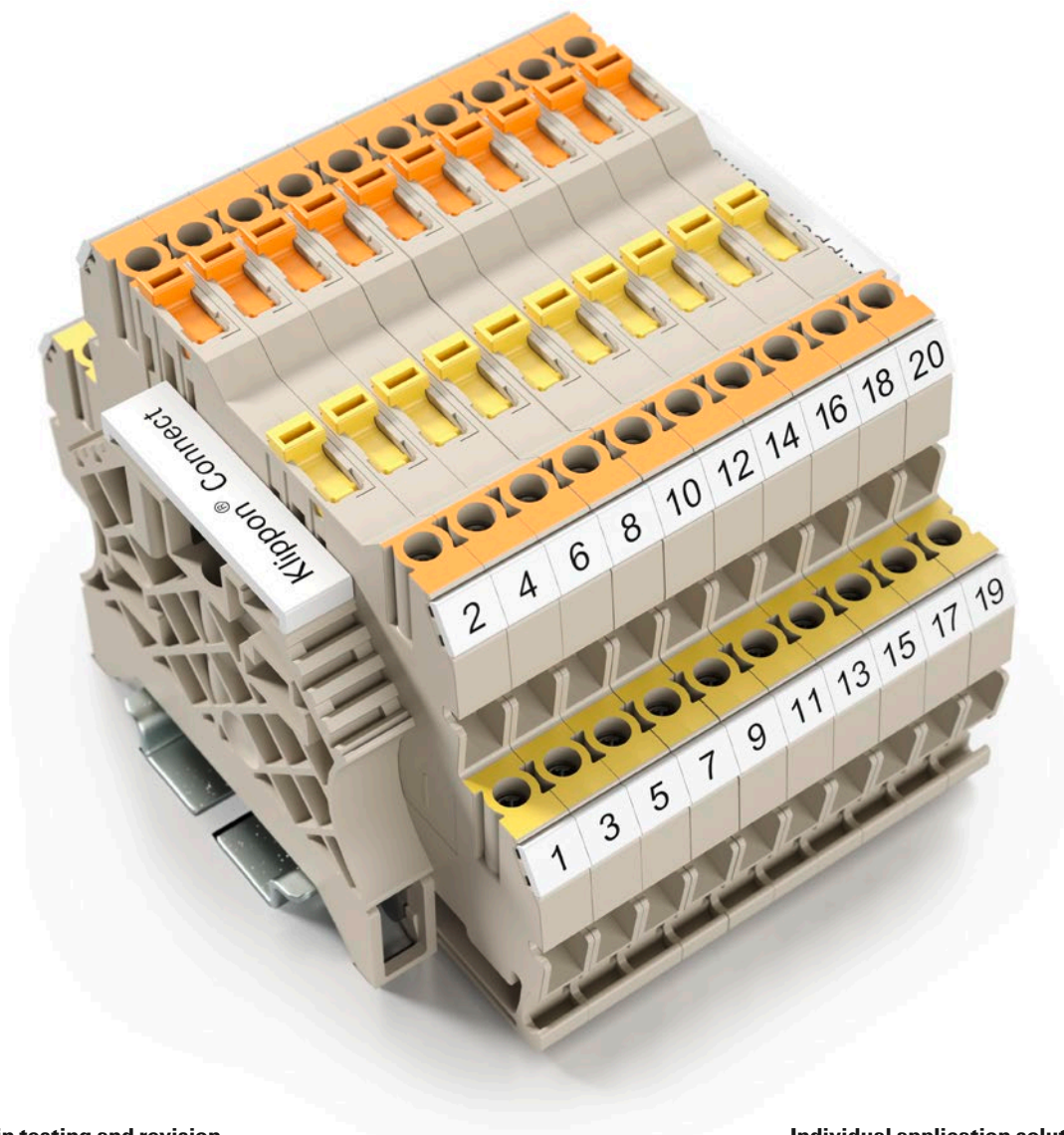
The design of the terminal block makes it possible to switch two potentials with only one terminal. This results in a space-savings of 50 % compared to conventional superstructures.



Increased clarity and security

The two potentials are marked in different colours and assigned to the connection areas. This reduces the risk of misconnections and guarantees maximum safety.



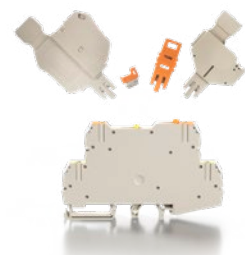
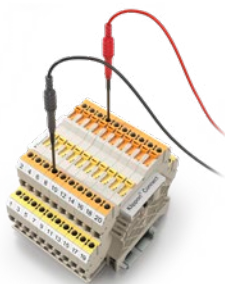


Time-saving in testing and revision

Easily accessible test facilities in front of and behind the clamping point allow the system to be tested quickly and safely. A 2.0 standard test adapter can also be mounted on the screw heads in wired condition.

Individual application solutions

The multifunctional disconnection area allows either a fuse holder or a component plug to be accommodated. Depending on the application, it can be used as a fuse terminal or as a terminal block with electronic components.



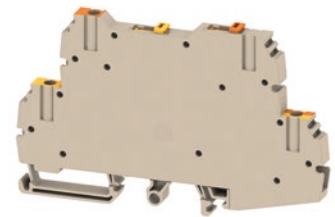
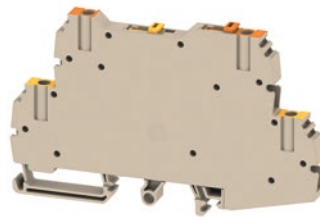
Screw connection with clamping yoke technology (W-Series)

Test-disconnect terminal blocks

WDTR 2.5

2.5 mm²

WDTR 2.5/WE

2.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

6.15 x 94 x 65	
/ 4	
0.05...4	

6.15 x 94 x 65	
/ 4	
0.05...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	150		
17	20		
2.5	AWG 30...12		
	6 kV / 3		
	A3 / V-0		
CE			
Rated connection			
0.5...4 / 1.5...4			
0.5...2.5 / 0.5...2.5			
8 / 0.6 x 3.5 mm			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	150	300	
17	20	17	
2.5	AWG 22...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		
CE			
Rated connection			
0.5...4 / 1.5...4			
0.5...2.5 / 0.5...2.5			
8 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	without STB
	Blue
Note	

Type	Qty.	Order No.
WDTR 2.5	25	2456000000
WDTR 2.5 0.STB	25	2456030000
WDTR 2.5 BL	25	2456010000

Type	Qty.	Order No.
WDTR 2.5/WE	25	2456020000

Accessories

Cross-connector	
	black
	red
	blue
End bracket	
	dark beige
	black
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	35 - 70 V AC/DC, red LED
	60 - 150 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Disconnect plug	
	removable, as replacement for release lever
	orange
Module connector (max. 250 V)	
	without fittings
	With 1N4007 diode
	with wire jumper
Marking tags	

Type	Qty.	Order No.
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 RT	5	1633290000
VQB 1.5/50 BL	5	1633280000
WEW 35/2	50	1061200000
WEW 35/2 SW	100	1061210000
SDIS SLIM 0.6X3.5X100	1	2749610000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST	20 A 50	1833090000
TNST OR	20 A 50	2463540000
WSD 2.5/SCAN WTR2.5	25	1058760000
BEST	50	1833100000
BEST/D	50	1878560000
BEST/DRBR	50	1878570000
WS 8/5 MC NE WS	720	1640740000
DEK 5/6 MC NE WS	1000	1609820000

Type	Qty.	Order No.
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 RT	5	1633290000
VQB 1.5/50 BL	5	1633280000
WEW 35/2	50	1061200000
WEW 35/2 SW	100	1061210000
SDIS SLIM 0.6X3.5X100	1	2749610000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 35-70V	25	7921580000
SIHA 3/G20/LD 60-150V	25	7921590000
SIHA 3/G20/LD 140-250V	25	7921600000
TNST	20 A 50	1833090000
TNST OR	20 A 50	2463540000
WSD 2.5/SCAN WTR2.5	25	1058760000
BEST	50	1833100000
BEST/D	50	1878560000
BEST/DRBR	50	1878570000
WS 8/5 MC NE WS	720	1640740000
DEK 5/6 MC NE WS	1000	1609820000

For detailed information on other accessories and application in the online catalogue

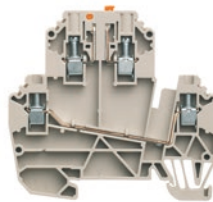


Screw connection with clamping yoke technology (W-Series)

Test-disconnect terminal blocks

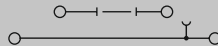
WDK 2.5/TR-DU

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 72.5 x 67.5
/ 4
0.5...4



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	without isolator, dark beige
Note	

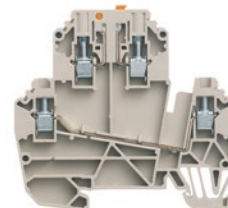
Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	With 1N4007 diode
	with wire jumper
Disconnect plug	
	removable, as replacement for release lever
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Marking tags	

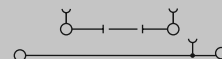
For detailed information on other accessories and application in the online catalogue

WDK 2.5/TR-DU/STB

2.5 mm²



5.1 x 72.5 x 67.5
/ 4
0.5...4



IEC	UL	CSA	EN 60079-7
500		300	
24		20	
2.5		AWG 30...12	
		8 kV / 3	
		A2 / V-0	
CE			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 3)			
8 / 0.6 x 3.5 mm			
Note			

Type	Qty.	Order No.
WDK 2.5/TR-DU STB	50	1247310000
Note		

Type	Qty.	Order No.
WDK 2.5/TR-DU	50	1247290000
WDK 2.5/TR-DU/0 TNHE	50	1833600000
Note		

Type	Qty.	Order No.
WDQV 2.5/2	32 A 50	1053660000
WDQV 2.5/10	32 A 20	1054460000
WAP WDK 2.5N/TR-DU		
	50	1839850000
WEW 35/1		
	50	1059000000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST		
	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000
TNST		
	20 A 50	1833090000
SDS 0.6X3.5X100		
	1	2749340000
DEK 5/5 MC NE WS		
	1000	1609801044
WS 8/5 MC NE WS		
	720	1640740000
DEK 5/5 MM WS		
	800	2007110000

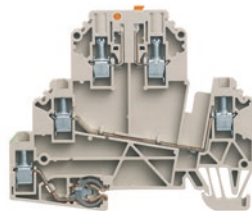
Cross-connections, see section "W series accessories".

Type	Qty.	Order No.
WDQV 2.5/2	32 A 50	1053660000
WDQV 2.5/10	32 A 20	1054460000
WAP WDK 2.5N/TR-DU		
	50	1839850000
WEW 35/1		
	50	1059000000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST		
	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000
TNST		
	20 A 50	1833090000
SDS 0.6X3.5X100		
	1	2749340000
PS 2.3 RT		
	20	0180400000
DEK 5/5 MC NE WS		
	1000	1609801044
WS 8/5 MC NE WS		
	720	1640740000
DEK 5/5 MM WS		
	800	2007110000

Cross-connections, see section "W series accessories".

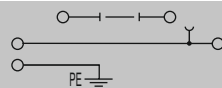
WDK 2.5/TR-DU-PE

2.5 mm²



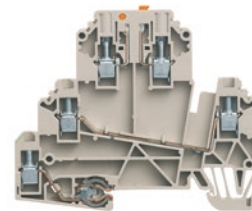
Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 80.5 x 67.5
/ 4
0.5...4

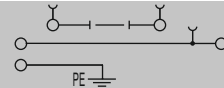


WDK 2.5/TR-DU-PE/STB

2.5 mm²



5.1 x 80.5 x 67.5
/ 4
0.5...4



Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	without isolator, dark beige
Note	

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	With 1N4007 diode
	with wire jumper
Disconnect plug	
	removable, as replacement for release lever
Screwdriver	
	Standard
Testing / Checking	
	Test plug
Marking tags	

IEC	UL	CSA	EN 60079-7
500			
24			
2.5			
	8 kV / 3		
	A2 / V-0		
CE EMC			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 3)			
8 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
WDK 2.5/TR-DU-PE	50	1247420000
WDK 2.5/TR-DU-PE/0 TNHE	50	1833640000

Type	Qty.	Order No.
WDQV 2.5/2	32 A 50	1053660000
WDQV 2.5/10	32 A 20	1054460000
WAP WDK 2.5N/TR-DU	50	1839850000
WEW 35/1	50	1059000000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

IEC	UL	CSA	EN 60079-7
500			
24			
2.5			
	8 kV / 3		
	A2 / V-0		
CE EMC			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 3)			
8 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
WDK 2.5/TR-DU-PE STB	50	1247430000

Type	Qty.	Order No.
WDQV 2.5/2	32 A 50	1053660000
WDQV 2.5/10	32 A 20	1054460000
WAP WDK 2.5N/TR-DU	50	1839850000
WEW 35/1	50	1059000000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/D	1 A 50	1878560000
BEST/DRBR	22 A 50	1878570000
TNST	20 A 50	1833090000
SDS 0.6X3.5X100	1	2749340000
PS 2.3 RT	20	0180400000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

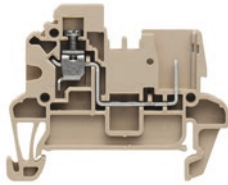
For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".

Screw connection with clamping yoke technology (W-Series)
Pluggable terminal blocks

WT 2.5 **2.5 mm²**



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 50.5 x 40	
27 / 4	
0.13...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
Note	

Ordering data

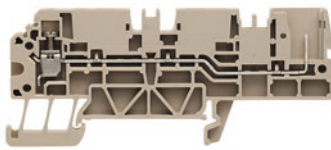
Type	Qty.	Order No.
WT 2.5	50	1305330000
Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
Cover	
End bracket	
	dark beige
Strain relief	
Coding	
Interlock	
Screwdriver	
	Standard
Plug	
	dark beige
Marking tags	
Vertical jumpers	
	1-pole

For detailed information on other accessories and application in the online catalogue

WDT 2.5 BT **2.5 mm²**



5.1 x 85.5 x 36	
27 / 4	
0.13...4	

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
Note	

Ordering data

Type	Qty.	Order No.
WDT 2.5 BT	50	1305310000
Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000
Note		

Accessories

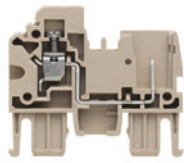
Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDT 2.5 AT		
	50	1305250000
WEW 35/2		
	50	1061200000
APGSR 2.5/4		
	25	2457580000
APGCE		
	50	1514490000
APGLE 2.5/4		
	25	2457570000
SDS 0.6X3.5X100		
	1	2749340000
WDT 2.5 AT		
	24 A 50	1305320000
DEK 5/5 MC NE WS		
	1000	1609801044
WS 10/5 MC NE WS		
	720	1635000000
DEK 5/5 MM WS		
	800	2007110000

Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".

WDT 2.5 AT

2.5 mm²



5.1 x 42 x 24.6
27 / 4
0.13...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A4 / V-0			

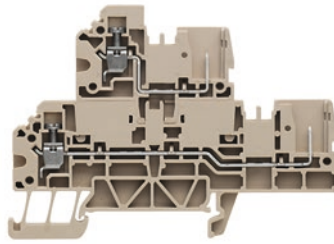
CE RoHS REACH

Rated connection

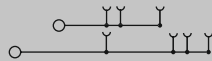
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
/ (M 2.5)
7 / 0.6 x 3.5 mm

WDT 2.5/2

2.5 mm²



5.1 x 85.5 x 60.5
27 / 4
0.13...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
500	300	300	
24	20	20	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A4 / V-0			

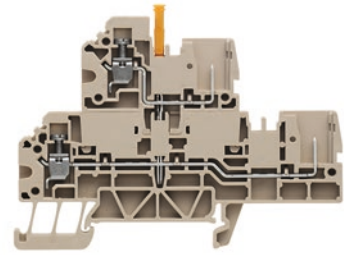
CE RoHS REACH

Rated connection

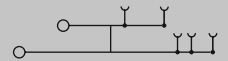
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
/ (M 2.5)
7 / 0.6 x 3.5 mm

WDT 2.5/2 V

2.5 mm²



5.1 x 85.5 x 60.5
27 / 4
0.13...4



IEC 60947-7-1, IEC 61984

IEC	UL	CSA	EN 60079-7
400	300	300	
24	20.1	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A4 / V-0			

CE RoHS REACH

Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
/ (M 2.5)
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDT 2.5 AT	50	1305320000
Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type	Qty.	Order No.
WDT 2.5/2	50	1305290000
Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type	Qty.	Order No.
WDT 2.5/2 V	50	1305300000
Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP 2.5/1AN/10	50	1305280000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDT 2.5 AT	50	1305250000
APGSR 2.5/4	25	2457580000
APGCE	50	1514490000
APGLE 2.5/4	25	2457570000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDT 2.5/2	50	1305260000
WEW 35/2	50	1061200000
APGSR 2.5/4	25	2457580000
APGCE	50	1514490000
APGLE 2.5/4	25	2457570000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000
ZVQ 2.5/1.5	24 A 50	1720700000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
WAP WDT 2.5/2	50	1305260000
WEW 35/2	50	1061200000
APGSR 2.5/4	25	2457580000
APGCE	50	1514490000
APGLE 2.5/4	25	2457570000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000
DEK 5/5 MM WS	800	2007110000

Cross-connections, see section "W series accessories".

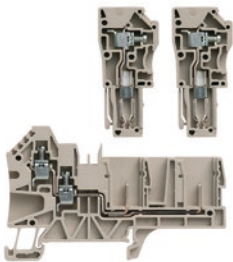
ZVQ 2.5/1.5 (1720700000) connects the upper and lower layers. Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".



Screw connection with clamping yoke technology (W-Series)
Pluggable terminal blocks

WT4 4 AN/2 4 mm²




Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm²
Max. clamping range	mm²

6.1 x 84.3 x 50	
/ 6	
0.5...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	mm/-
Note	

In accordance with IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
800	600		
32	30		
4	AWG 26...10		
	8 kV / 3		
	A4 / V-0		
			
Rated connection		Plug-in connection	
0.5...6 / 0.5...6			
0.5...4 / 0.5...4			
9 / 0.6 x 3.5 mm			

Ordering data

Version
dark beige
Note

Type	Qty.	Order No.
WT4 4AN/2	50	1107680000
Note		

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Miscellaneous accessories WeiCoS	
	Locking element
	Coding element
	Strain relief
Plug-in connector	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
WAP WT4/4AN/2	50	1107780000
WEW 35/2	50	1061200000
ZVR ZP4	25	1855250000
KOSF ZT4	50	1856860000
ZZE ZP4	25	1855260000
WP4/1AN/1	32 A 50	1107790000
WP4/1AN/1 ZA	32 A 50	1108490000
WP4/1AN/10	32 A 10	1107800000
SDS 0.6X3.5X100	1	2749340000
DEK 5/6 MC NE WS	1000	1609820000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

For detailed information on other accessories and application in the online catalogue

Cross-connections, see section "W series accessories".





Screw connection with clamping-yoke technology (W series)
Accessories – Pluggable terminal blocks

Single plates for individual assembly

WeiCoS individual plates increase flexibility by providing a solution for every task. The plug-in connector is assembled directly on-site in line with application requirements. Each individual plate is available in green (GN) and beige (BE).

WeiCoS plug

- Single plates, plug ZP 2.5/1AN
- Marking option

Ordering data
2.5 mm ²
4.0 mm ²
Note

Coding elements

- For specific coding of the plug-in stations
- Protection against accidental mistake ensures process reliability

Ordering data
2.5 mm ²
4.0 mm ²
Note

Interlock

- APGLE to interlock with the terminal block
- APGLE interlock, plug – socket

Ordering data
2.5 mm ² / 4 mm ²
Note

WP 2.5/1AN/1

Start plate



Type	Qty.	Order No.
WP 2.5/1AN/1	50	1305270000
WP4/1AN/1	50	1107790000

Coding

Coding elements



Type	Qty.	Order No.
APGCE	50	1514490000
KOSF ZT4	50	1856860000

APGLE

Locking element



Type	Qty.	Order No.
APGLE 2.5/4	25	2457570000

WP 2.5/1AN ZA 0.RA

Middle plate or end plate

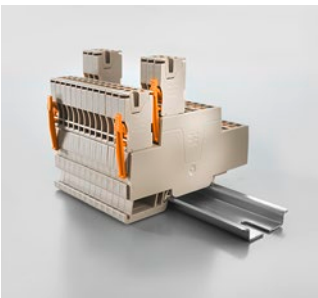


Type	Qty.	Order No.
WP 2.5/1AN/1 ZA 0.RA	50	1351000000

Application



Application APGLE



WP 2.5/1AN ZA

Middle plate or end plate



Type	Qty.	Order No.
WP 2.5/1AN/1 ZA	50	1350990000
WP4/1AN/1 ZA	50	1108490000

Strain reliefs / Protective cover

- APGSR Strain relief transmits mechanical forces to the plastic housing and protects the contact point

Ordering data
2.5 mm ²
2.5 mm ² / 4 mm ²
2.5 mm ² / 4 mm ²
2.5 mm ² / 4 mm ²
4.0 mm ²
Note

APGSR

Strain reliefs



Type	Qty.	Order No.
APGSR 2.5/4	25	2457580000
APGSR 2.5/4 - 4P	25	2457590000
APGSR 2.5/4 - 8P	25	2457600000
ZVR ZP4	25	1855250000

ZAD ZT / ZPS

Protective cover



Type	Qty.	Order No.
ZAD ZT/ZPS2.5	25	1861030000

Application APGSR





Screw connection with clamping-yoke technology (W-Series)
Pluggable terminal blocks

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	
mm/-	
Note	

Ordering data

Version
dark beige
Note

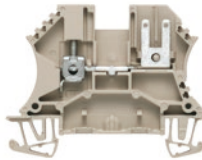
Accessories

Screwable cross-connection	
2-pole	
10-pole	
End plate / Partition plate	
dark beige	
Blue	
dark beige	
Blue	
End bracket	
dark beige	
Cover	
With lightning flash symbol	
Blank, white	
Marking tags	

For detailed information on other accessories and application in the online catalogue

WDU 2.5 F 2.5 mm²

Spade connection right



5.1 x 60 x 46.25	F2.8 F2.8
12 / 4	
0.13...4	

IEC 61210, In accordance with IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500	300	300	
12	16	10	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
CE CB IEC 60947-7-1 N VDE			
Rated connection		Plug-in connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor..			

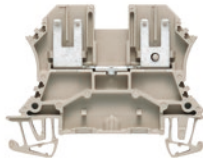
Type	Qty.	Order No.
WDU 2.5 F 2X2.8	100	1021800000
2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000







Insulating sleeve for flat blade connector 2.8 mm, order no. 0386060000. Cross-connections, see section "W series accessories".

WDU 2.5 FF 2*2.8 1 mm²

Spade connection left and right



5.1 x 60 x 46.25	F2.8 F2.8 F2.8 F2.8
12 / 1	
...1	

IEC 61210, In accordance with IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
500	300	300	
12	16	10	
1	AWG 22...14	AWG 26...12	
6 kV / 3			
/ V-0			
CE      			
Rated connection		Plug-in connection	
With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm ² conductor..			

Type	Qty.	Order No.
WDU 2.5 FF 2X2.8	100	1021900000
Technical data refer to a 2.8 mm cable lug connector with 1 mm ² conductor.		

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Insulating sleeve for flat blade connector 2.8 mm, order no. 0386060000. Cross-connections, see section "W series accessories".



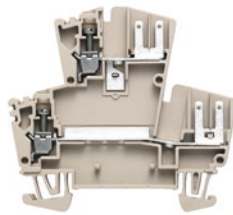
Screw connection with clamping-yoke technology (W-Series)

Pluggable terminal blocks

WDK 2.5 F

2.5 mm²

Spade connection right



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 69.5 x 62.5	F2.8 F2.8
12 / 4	F2.8 F2.8
0.13...4	

IEC 61210, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
12	10	10	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

CE CB CB CB CB

Rated connection	Plug-in connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	

With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor..

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	
mm/-	

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

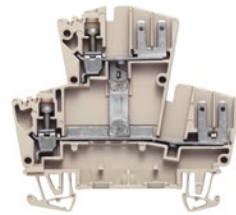
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Marking tags	

For detailed information on other accessories and application in the online catalogue

WDK 2.5 FV

2.5 mm²

Spade connection right, both levels at one potential



5.1 x 69.5 x 62.5	F2.8 F2.8
12 / 4	F2.8 F2.8
0.13...4	

IEC 61210, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
12	10	10	
2.5	AWG 26...12		
6 kV / 3			
A3 / V-0			

CE CB CB CB CB

Rated connection	Plug-in connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	

With insulating sleeves on cable lug connectors the voltage increases to 500 V. Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor..

Type	Qty.	Order No.
WDK 2.5 FV	50	1022400000
2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Type	Qty.	Order No.
WDK 2.5 F	50	1021600000
WDK 2.5 F BL	50	1021680000
2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Insulating sleeve for flat blade connector 2.8 mm, order no. 0386060000. Cross-connections, see section "W series accessories".

Insulating sleeve for flat blade connector 2.8 mm, order no. 0386060000. Cross-connections, see section "W series accessories".

WDK 2.5 FF

1 mm²

Spade connection left and right



5.1 x 75.5 x 62.5

12 / 1

...1

IEC 61210, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400		300	
12		10	
1		AWG 26...12	
6 kV / 3			
/ V-0			

CE

UL

CSA

EN

Rated connection	Plug-in connection

With insulating sleeves on cable lug connectors the voltage increases to 500 V.
Current is limited by 2.8 mm cable lug connectors with 1 mm² conductor..

Type	Qty.	Order No.
WDK 2.5 FF	50	1021700000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WAP WDK2.5 BL	20	1059180000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 4 GE BED	50	1072000000
WAD 4 WS	50	1072100000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Insulating sleeve for flat blade connector 2.8 mm, order no. 0396060000.
Cross-connections, see section "W series accessories".

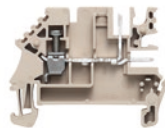
Screw connection with clamping-yoke technology (W-Series)

Pluggable terminal blocks

WDU 1.5 BLZ 5.08 WQV

1.5 mm²

Screwable cross-connection

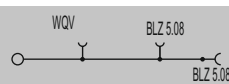


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.08 x 49 x 37

16 / 4

0.13...4



IEC 61210, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
16	20	10	
1.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection	Plug-in connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/(M 2.5)	
10 / 0.6 x 3.5 mm	

Dimensions with female header BLZ: length 57.5 mm / height 55.5 mm.

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	
mm/-	

Note

Ordering data

Version	dark beige
Note	

Accessories

Plug-in cross-connection	2-pole 10-pole
Screwable cross-connection	2-pole 10-pole
End plate / Partition plate	Without peg With spigot
End bracket	dark beige
Mounting block for socket connector	Without peg With spigot
Plug-in connector	

Marking tags

Miscellaneous accessories

Cover for unused pins

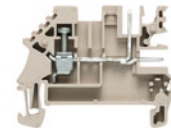
For detailed information on other accessories and application in the online catalogue

The WBB with peg (order number 1068260000) can be used for direct mounting on both sides. Cross-connections, see section "W series accessories".

WDU 1.5 BLZ 5.08 ZQV

1.5 mm²

Plug-in cross-connection



5.08 x 49 x 37

16 / 4

0.13...4



IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
16	20	20	
1.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection	Plug-in connection
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/(M 2.5)	
10 / 0.6 x 3.5 mm	

Dimensions with female header BLZ: length 57.5 mm / height 55.5 mm.

Type	Qty.	Order No.
WDU 1.5/ZQV/BLZ 5.08	100	1784460000
2.5 mm ² conductor with wire-end ferrule with plastic collar, only with order no. 1333100000 (500 pieces).		

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000

WAP WDU1.5/BLZ	50	1577330000
WAP WDU1.5/BLZ/ZA	50	1577320000

WEW 35/2	50	1061200000
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WBB WDU1.5/BL...	10	1068160000
WBB ZA WDU1.5/BL 10/10	10	1068260000

BLZP 5.08HC/04/180 SN OR BX	90	1943600000
BLZP 5.08HC/06/180 SN OR BX	60	1943620000
BLZP 5.08HC/08/180 SN OR BX	42	1943640000
BLZP 5.08HC/04/180F SN OR BX	60	1944110000
BLZP 5.08HC/06/180F SN OR BX	42	1944130000
BLZP 5.08HC/08/180F SN OR BX	36	1944150000




DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC SDR	144	1609870000
DEK 5/5 MM WS	800	2007110000
SCHT 7	20	0517960000
SCHT 14/6	20	1269060000
ZGB 30	20	1611930000

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The WBB with peg (order number 1068260000) can be used for direct mounting on both sides. Cross-connections, see section "W series accessories".

2.5 mm²

IEC	UL	CSA	EN 60079-7
250	300	300	
16.5	20	20	
2.5	AWG 22...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		

  	
Rated connection	Plug-in connection
0.5...4 / 1.5...2.5	
0.5...4 / 0.5...2.5	
/ (M 2.5)	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
WDK 2.5/BLZ/5.08/ZA V	50	1027410000

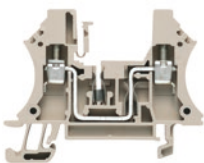
Type	Qty.	Order No.
WAP WDK2.5/BLZ/0.ZA	20	1070000000
WAP WDK2.5/BLZ/M.ZA	20	1070100000
WEW 35/1	50	1059000000
WBB WDK2.5/BL5.08	10	1072660000
WBB ZA WDK2.5/BL5.08	10	1072760000
BLZP 5.08HC/04/180 SN OR BX	90	1943600000
BLZP 5.08HC/06/180 SN OR BX	60	1943620000
BLZP 5.08HC/08/180 SN OR BX	42	1943640000
BLZP 5.08HC/04/180F SN OR BX	60	1944110000
BLZP 5.08HC/06/180F SN OR BX	42	1944130000
BLZP 5.08HC/08/180F SN OR BX	36	1944150000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000
DEK 5/5 MM WS	800	2007110000
WAD WDU1.5/BLZ/BLA	20	1577400000

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Screw connection with clamping-yoke technology (W-Series)
Terminal blocks with electronic components

WPO 44 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm²
Max. clamping range	mm²

6 x 60 x 46.5
32 / 4
0.13...4



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm²
Flexible / Flexible with ferrule	mm²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	
mm/-	
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
250	300	300	
32	10	10	
4	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			
CE CB ENEC			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
/ (M 3)			
8 / 0.6 x 3.5 mm			
The tightening torque is 2 Nm when connecting two conductors.			

Ordering data

Version
dark beige
Note

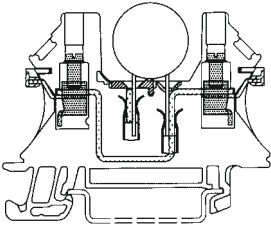
Type	Qty.	Order No.
WPO 4	50	1036000000

Accessories

Intermediate frame
Thickness 2.5 mm
Busbar
1 m
Marking tags

Type	Qty.	Order No.
ZR WPO4 DB	20	1071100000
SSCH 7.3X1.2X1000	1	1071200000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/5 MC NE WS	720	1609860000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000

WPO 4 with varistor

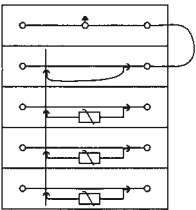


Weidmüller varistor terminals have been designed for the retrofitting of electronic components, e.g. varistors, diodes, gas discharge tubes, etc. These "electronic terminals" no longer have to be configured prior to installation for subsequent delivery with soldered components which can no longer be distinguished.

The significant advantages of this design are:

- **Cost saving:**
Components can be changed quickly on site. Service requires only a visual inspection.
- **Clarity:**
Components are easy to distinguish.
- **Flexibility:**
Components can immediately be adapted to changed conditions.

Note:
Never change electronic components under load!

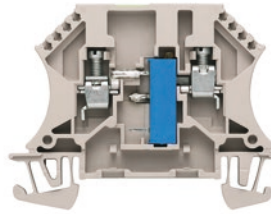


Overvoltages in a 3-phase supply discharged to earth via WPE 4 with the aid of varistors and a gas discharge tube.

For detailed information on other accessories and application in the online catalogue

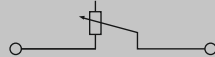
WDUL 4/...

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

6.5 x 60 x 46.5
6 / 6
0.13...6



Technical data for the 10 Ω compensating resistor

Resistor material: "Cermet"
Resistor setting range: 0...10 Ω
Wave form: linear
Temperature coefficient: 100 ppm/°C
Mechanical lifespan: 200 operations without permissible deviations, across the entire resistance range
Resistance change per spindle turn: ≈ 0,4 Ω
Rated output for total resistance: 1 watt at 70 °C
Rated current: 300 mA
Ambient temperature: -55 °C to +70 °C
Ingress (seal) protection:
1) Leak tested in water at 70 °C without bubble formation
2) Storage in SFW 2.0 S, acc. to DIN 50018, 9 cycles

Technical data

Rated data	
Rated voltage	-
Rated current	mA
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	
mm/-	
Component potentiometer	
Type potentiometer	
Resistance	
Tolerance (%)	
Note	

IEC 60947-1

IEC	UL	CSA	EN 60079-7
120			
4			
	/ 3		
	A4 / V-0		
C E			
Rated connection			
0.5...6 / 1.5...6			
0.5...4 / 0.5...2.5			
/ (M 3)			
9 / 0.6 x 3.5 mm			
Trim potentiometer, linear			
100hm			
10%			
Note			

Ordering data

Version	
10 Ω	
100 Ω	
500 Ω	
1 kΩ	
5 kΩ	
10 kΩ	
50 kΩ	
500 kΩ	
without potentiometer	
Note	

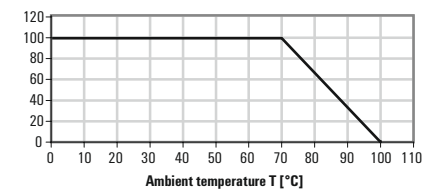
Type	Qty.	Order No.
WDUL 4/10	10	1027000000
WDUL 4/100	10	1027300000
WDUL 4/500	10	1027400000
WDUL 4/1K	10	1027500000
WDUL 4/5K	10	1027600000
WDUL 4/10K	10	1027700000
WDUL 4/50K	10	1027800000
WDUL 4/500K	10	1028000000
WDUL 4	10	8161820000
Note		

Accessories

End plate / Partition plate	
dark beige	
dark beige	
End bracket	
dark beige	
Screwdriver	
With "swifty set" cutting device	
Standard	
Shield bus	
Marking tags	

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 16+35 WTW 2.5-10	20	1050100000
WEW 35/2		
50		1061200000
SWIFTY SET		
1		9006060000
SDS 0.6X3.5X100		
1		2749340000
LS 2.8 WDU2.5-10		
100		1056400000
DEK 5/5 MC NE WS		
1000		1609801044

Capacity expressed in % of rated load

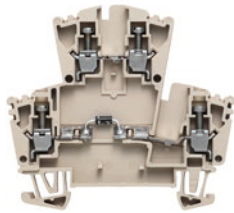


For detailed information on other accessories and application in the online catalogue

Screw connection with clamping-yoke technology (W-Series)
Terminal blocks with electronic components

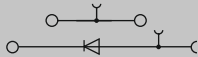
WDK 2.5/D **2.5 mm²**

Reverse polarity protection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 69 x 62.5
1 / 4
0.05...4



Technical data

Rated data	
Rated voltage of feed-through terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	
Component LED	
Colour	
Voltage, min.	
Voltage, max.	
Current	
Component resistor	
Resistance	
Power loss	
Tolerance (%)	
Note	

Ordering data

Version	
	dark beige
	dark beige (red LED)
	dark beige (green LED)
Note	

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	With "swifty set" cutting device
	Standard
Marking tags	

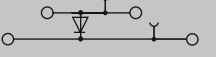
For detailed information on other accessories and application in the online catalogue

WDK 2.5/D/1 **2.5 mm²**

Suppression circuit e. g. for contactor



5.1 x 69 x 62.5
1 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
1	20	1	
2.5	AWG 22...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
10 / 0.6 x 3.5 mm			
1N4007			
1A			
1300V			
0.7V			
Note			

Type	Qty.	Order No.
WDK 2.5 1D A.1	25	1023400000
2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	300		
1	20		
2.5	AWG 22...12		
	6 kV / 3		
	A3 / V-0		
	Diode 1N 4007 /		
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
10 / 0.6 x 3.5 mm			
1N4007			
1A			
1300V			
0.7V			
Note			

Type	Qty.	Order No.
WDK 2.5 1D	25	8025610000
2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

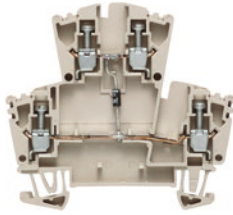
Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".

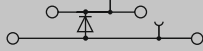
WDK 2.5/D/2

2.5 mm²

Suppression circuit e. g. for contactor



5.1 x 69 x 62.5
1 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
1	20	1	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Diode 1N 4007 /			

CE ENE

Rated connection

0.5...4 / 1.5...4

0.5...4

10 / 0.6 x 3.5 mm

1N4007

1A

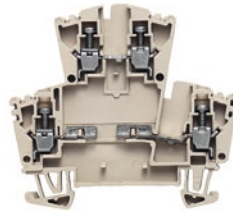
1300V

0.7V

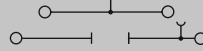
WDK 2.5/D/3

2.5 mm²

Suppression circuit e. g. for contactor



5.1 x 69 x 62.5
1 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
1			
2.5			
6 kV / 3			
A3 / V-0			

CE ENE

Rated connection

0.5...4 / 1.5...4

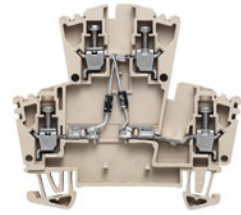
0.5...4

10 / 0.6 x 3.5 mm

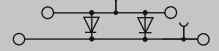
WDK 2.5/D/4

2.5 mm²

Lamp test circuits



5.1 x 69 x 62.5
1 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300		
1	20		
2.5	AWG 22...12		
6 kV / 3			
A3 / V-0			
Diode 1N 4007 / Diode 1N 4007			

CE ENE

Rated connection

0.5...4 / 1.5...4

0.5...4

10 / 0.6 x 3.5 mm

1N4007

1A

1300V

0.7V

Type	Qty.	Order No.
WDK 2.5 1D A.2	25	1023300000
2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Type	Qty.	Order No.
WDK 2.5/D/3	50	1023100000
2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)		

Type	Qty.	Order No.
WDK 2.5 2D 1.A	25	8014670000
2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Cross-connections, see section "W series accessories".

Cross-connections, see section "W series accessories".

Terminal blocks with electronic components



WDK 2.5/D/5 **2.5 mm²**

Lamp test circuits



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Component 1	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Component diode	
Type diode	
Forward current	
Reverse voltage	
Forward voltage	
Component LED	
Colour	
Voltage, min.	
Voltage, max.	
Current	
Component resistor	
Resistance	
Power loss	
Tolerance (%)	
Note	


Ordering data

Version	dark beige dark beige (red LED) dark beige (green LED)
Note	

Accessories

Screwable cross-connection	2-pole 10-pole
End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	With "swifty set" cutting device Standard
Marking tags	

5.1 x 69 x 62.5
1/4
0.05...4

[illegible]

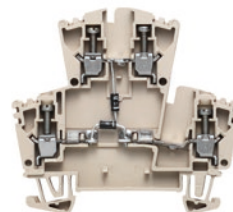
Type	Qty.	Order No.
WDK 2.5 2D 2.A	25	1022600000
2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Type		Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP WDK2.5		20	1059100000
WEW 35/2		50	1061200000
SWIFTY SET		1	9006060000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
DEK 5/5 MM WS		800	2007110000

For detailed information on other accessories and application in the online catalogue


WDK 2.5/D/6

Lamp test circuits



5.1 x 69 x 62.5
1 / 4
0.05...4



IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400	300	300	
1	20	10	
2.5	AWG 22...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Diode 1N 4007 / Diode 1N 4007			
			
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
10 / 0.6 x 3.5 mm			
1N4007			
1A			
1300V			
0.7V			

Type	Qty.	Order No.
WDK 2.5 2D	25	1023500000
2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

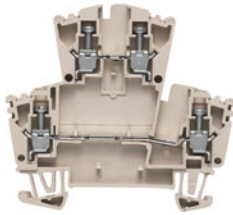
Type		Qty.	Order No.
WQV 2.5/2	32 A	50	1053660000
WQV 2.5/10	32 A	20	1054460000
WAP WDK2.5		20	1059100000
WEW 35/2		50	1061200000
SWIFTY SET		1	9006060000
SDS 0.6X3.5X100		1	2749340000
DEK 5/5 MC NE WS		1000	1609801044
WS 8/5 MC NE WS		720	1640740000
DEK 5/5 MM WS		800	2007110000

Cross-connections, see section "W series accessories".

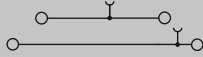
WDK 2.5/D

2.5 mm²

For installing electronic components



5.1 x 69.5 x 62.5
10 / 4
0.05...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
1			
2.5			
	6 kV / 3		
	A3 / V-0		

CE ENEC

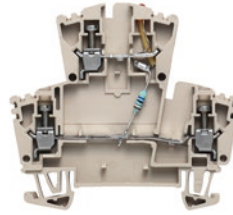
Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
10 / 0.6 x 3.5 mm

WDK 2.5 LD +-

2.5 mm²

DC voltage indicator +/-



5.1 x 69 x 62.5
10 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
2.5			
	0.8 kV / 3		
	A3 / V-0		

CE ENEC

Rated connection

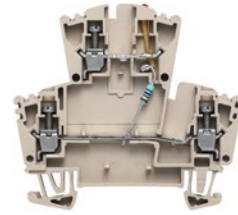
0.5...4 / 1.5...4
0.5...4
10 / 0.6 x 3.5 mm

red
6V
24V
20mA
4.7kOhm
0.4W
1%

WDK 2.5 LD -+

2.5 mm²

DC voltage indicator - / +



5.1 x 69 x 62.5
10 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
24			
2.5			
	0.8 kV / 3		
	A3 / V-0		

CE ENEC

Rated connection

0.5...4 / 1.5...4
0.5...4
10 / 0.6 x 3.5 mm

red
6V
24V
20mA
4.7kOhm
0.4W
1%

Type	Qty.	Order No.
WDK 2.5/D	100	1023200000
2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC +	25	1023600000
WDK 2.5 LD/GN 1R 24VDC	25	8023610000
2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Type	Qty.	Order No.
WDK 2.5 LD RT 24VDC +	25	8023630000
WDK 2.5 LD GR 1R 24VDC	25	8010040000
2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Cross-connections, see section "W series accessories".

Type	Qty.	Order No.
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
WAP WDK2.5	20	1059100000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000
DEK 5/5 MM WS	800	2007110000

Cross-connections, see section "W series accessories".

Screw connection with clamping-yoke technology (W-Series)
Mini terminal blocks for enclosure wiring

MK 2/12	2.5 mm ²	MK 3/2...12	2.5 mm ²
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Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²





15 x 86 x 15
24 / 4
0.2...4

91.25 x 15 x 16.1
24 / 4
0.33...4

Technical data

Rated data
Rated voltage
Rated current
for wire cross-section
Rated impulse withstand voltage / Pollution severity
Gauge to IEC 60947-1 / UL 94 flammability rating
Approvals
Clamped conductors (H05V/H07V)
Solid / Stranded
Flexible / Flexible with ferrule
Tightening torque (clamping screw for copper conductors)
Stripping length / Blade size

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
125	300	300	
24	10	10	
2.5	AWG 24...12	AWG 24...12	
2.5 kV / 3			
A2 / V-2			
CE    			
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
/ (M 2.5)			
5 / 0.6 x 3.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400	300	300	
24	20	25	
2.5	AWG 22...12	AWG 22...12	
6 kV / 3			
A2 / 5VA			
CE    			
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
/ (M 2.5)			
5 / 0.6 x 3.5 mm			

Note

Note

Note

Ordering data

Sorting of order data TK 1/SAK
2-pole
3-pole
4-pole
5-pole
6-pole
7-pole
8-pole
10-pole
12-pole
16-pole
Note

Type	Height	Mounting	Qty.	Order No.
MK 2/12	86	80	50	0241260000

Type	Height	Mounting	Qty.	Order No.
MK 3/2	15	18.5	100	0273820000
MK 3/3	15	18.5	50	0273920000
MK 3/4	15	18.5	50	0274020000
MK 3/5	15	18.5	50	0274120000
MK 3/6	15	37	50	0274220000
MK 3/7	15	37	50	0274320000
MK 3/8	15	55.5	25	0274420000
MK 3/10	15	74	20	0274620000
MK 3/12	15	92.5	20	0243520000

For detailed information on other accessories and application in the online catalogue

6 mm²



0.2...4

0.33...6

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	150	150	
24	15	15	
2.5	AWG 24...12	AWG 22...12	
	6 kV / 3		
	A2 / 5VA		

CE ENEC

Rated connection

0.5...4 / 1.5...2.5

0.5...2.5 / 0.5...1.5

/ (M 2.5)

5 / 0.6 x 3.5 mm

Type	Height	Mounting	Qty.	Order No.
MK 4/16	103	85.5	20	0244220000

IEC	UL	CSA	EN 60079-7
690	300	300	
41	30	40	
6	AWG 22...10	AWG 22...10	
	8 kV / 3		
	A3 / 5VA		

CE SP ENE KEMA RA

Rated connection

0.5...6 / 1.5...6

0.5...6 / 0.5...4

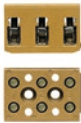
/ (M 4)

9 / 4.0 x 0.8 mm

Type	Height	Mounting	Qty.	Order No.
MK 6/2	23.5		50	0620420000
MK 6/3	36.5	13	50	0620320000
MK 6/4	49.5	26	20	0620220000
MK 6/6	75.5	52	20	0620120000

Screw connection with clamping-yoke technology (W-Series)
Mini terminal blocks for enclosure wiring

MK 5/2 0.DE	2.5 mm ²	BK 2...12	4 mm ²
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Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²




18 x 40 x 14.2
24 / 4
0.2...4

22 x 92 x 20
32 / 4
0.33...4

Technical data

Rated data
Rated voltage
Rated current
for wire cross-section
Rated impulse withstand voltage / Pollution severity
Gauge to IEC 60947-1 / UL 94 flammability rating
Approvals
Clamped conductors (H05V/H07V)
Solid / Stranded
Flexible / Flexible with ferrule
Tightening torque (clamping screw for copper conductors)
Stripping length / Blade size

IEC	UL	CSA	EN 60079-7
500		300	
24		25	
2.5		AWG 20...14	
	6 kV / 3		
	A2 / 5VA		
CE  ENE			
Rated connection			
0.5...4 / 1.5...2.5			
0.5...2.5 / 0.5...1.5			
/ (M 2.5)			
5 / 0.6 x 3.5 mm			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400	150	300	
32	20	10	
4	AWG 26...12	AWG 22...12	
6 kV / 3			
A3 / V-0, 5VA			
CE   			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...4			
/ (M 3)			
8 / 4.0 x 0.8 mm			

Note

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Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm ²) can be connected.
--

Ordering data

Sorting of order data TK 1/SAK
2-pole
3-pole
4-pole
6-pole
12-pole

Type	Height	Mounting	Qty.	Order No.
MK 5/2 0.DE	40	32	100	0243820000

Type	Height	Mounting	Qty.	Order No.
BK 2 CRN	20		100	0624720000
BK 3 CRN	31	11	100	0624920000
BK 4 CRN	38	18	100	0625120000
BK 6 CRN	52	32	50	0625220000
BK 12 CRN	92	72.5	25	0625320000

Note

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Accessories

Lid / cover

Type	Qty.	Order No.
D 2 MK5/2 PA/NA	50	0244060000

For detailed information on other accessories and application in the online catalogue



Screw connection with clamping-yoke technology (W-Series)

Mini terminal blocks for enclosure wiring

BK 2...12/E

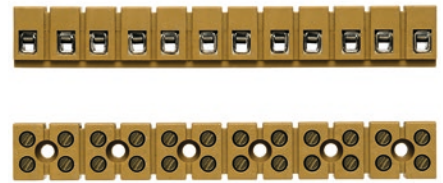
4 mm²

Solid / stranded
Flexible / flexible with wire-end ferrule



MK 3/2...12/E

2.5 mm²









Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²







22 x 92 x 20
32 / 4
0.33...4

15 x 110 x 16.1
24 / 4
0.33...4

Technical data

Rated data
Rated voltage
Rated current
for wire cross-section
Rated impulse withstand voltage / Pollution severity
Gauge to IEC 60947-1 / UL 94 flammability rating
Approvals
Clamped conductors (H05V/H07V)
Solid / Stranded
Flexible / Flexible with ferrule
Tightening torque (clamping screw for copper conductors)
Stripping length / Blade size

IEC 60947-7-1		Ex eb II C GbII 2 G D		
IEC	UL	CSA	EN 60079-7	
400	150	300	275	
32	20	10	28	
4	AWG 26...12	AWG 22...12	4 mm²	
6 kV / 3				
A3 / V-0, 5VA				
    		BAS 98ATEX3084 U		
Rated connection				
0.5...4 / 1.5...4				
0.5...4 / 0.5...4				
/ (M 3)				
8 / 4.0 x 0.8 mm				

IEC 60947-7-1		Ex eb II C GbII 2 G D		
IEC	UL	CSA	EN 60079-7	
400	300	300	275	
24	20	25	24	
2.5	AWG 22...12	AWG 22...12	4 mm²	
6 kV / 3				
A2 / 5VA				
    			BAS 99ATEX2124 U	
Rated connection				
0.5...4 / 1.5...2.5				
0.5...2.5 / 0.5...1.5				
/ (M 2.5)				
5 / 0.6 x 3.5 mm				

Note

Two solid (single-core) conductors of equal cross-section (0.5 ... 1.5 mm ²) can be connected.
--

Note

Ordering data

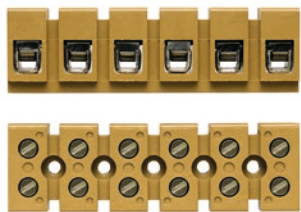
Sorting of order data TK 1/SAK
2-pole
3-pole
4-pole
5-pole
6-pole
8-pole
12-pole
Note

Type	Height	Mounting	Qty.	Order No.
BK 2/E	20		100	7906040000
BK 3/E	31	11	100	7906060000
BK 4/E	38	18	100	7906080000
BK 6/E	52	32	50	7906090000
BK 12/E	92	72.5	25	7906100000
Note				







Type	Height	Mounting	Qty.	Order No.
MK 3/2/E	15	18.5	100	7906110000
MK 3/3/E	15	18.5	50	7906120000
MK 3/4/E	15	18.5	50	7906130000
MK 3/6/E	15	37	50	7906150000
MK 3/8/E	15	55.5	25	7906170000
MK 3/12/E	110	92.5	20	7906210000
Note				

For detailed information on other accessories and application in the online catalogue

MK 6/2...6/E 6 mm²



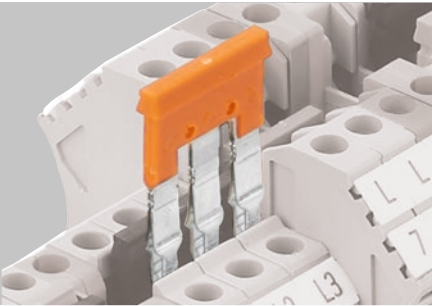
23 x 23.5 x 22
41 / 6
0.33...6

IEC 60947-7-1		Ex eb II C GbII 2 G D		
IEC	UL	CSA	EN 60079-7	
690	300		440	
41	30		36	
6	AWG 22...10		6 mm²	
8 kV / 3				
A3 / 5VA				
    			BAS 99ATEX2123 U	
Rated connection				
0.5...6 / 1.5...6				
0.5...6 / 0.5...4				
/ (M 4)				
9 / 4.0 x 0.8 mm				

Type	Height	Mounting	Qty.	Order No.
MK 6/2/E	23.5		50	7906220000
MK 6/3/E	36.5	13	50	7906230000
MK 6/4/E	49.5	26	20	7906240000
MK 6/5/E	62.5	26	20	7906250000
MK 6/6/E	75.5	52	20	7906260000



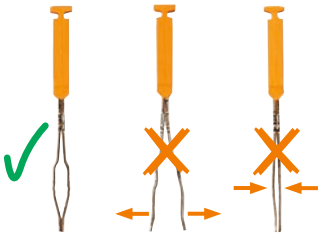
ZQV plug-in cross-connection



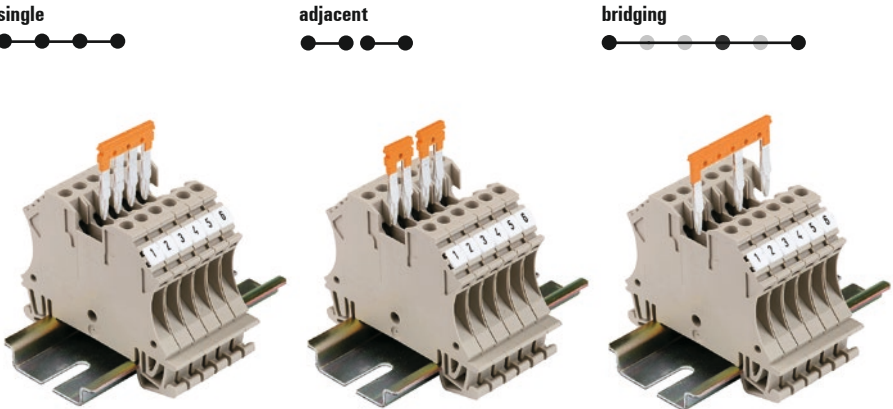
Weidmüller is the leading manufacturer of plug-in cross connection systems for screw clamp terminals. The plug-in cross-connections stand out with their easy handling and quick assembly, resulting in considerable time savings compared to screwed assembly solutions. This also ensures that all poles remain securely in contact.

Assembly / Technical information

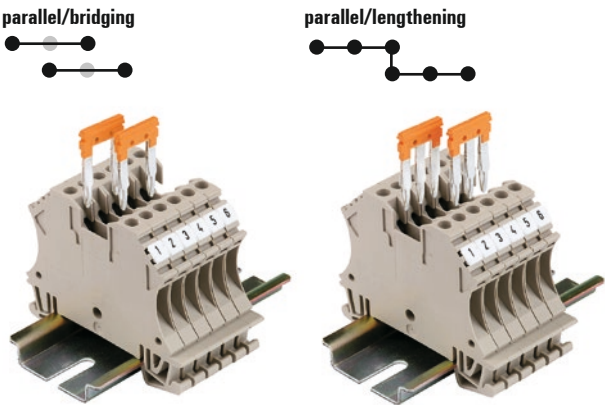
- The ZQV is pressed into the cross-connection channel by hand.
- **Important!** Ensure that the ZQV is pressed right in. The cross-connection must not protrude out of the cross-connection channel.
- To replace or remove, simply lever out with a screwdriver.
- Reduced rated voltage 400 V
- Different colours can be used to mark different potential
- **Important!** The contact elements must not be deformed



In one cross-connection channel

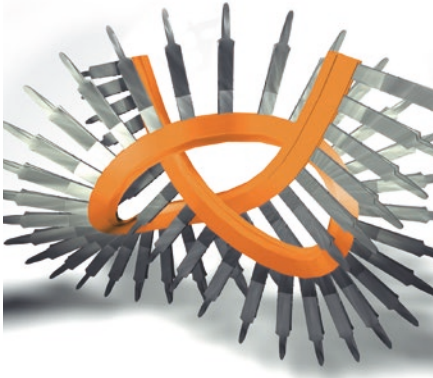


In two cross-connection channels



Possible cross-connections of terminals of the same type with corresponding cross-connectors

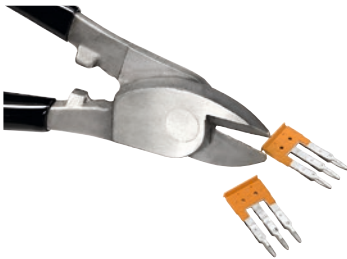
Terminal type	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
Standard						
WDU 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDK 1.5/ R3.5	ZQV 1.5/ R3.5	•	•	•		
WDU 2.5/1.5/ZR	ZQV 2.5N	•	•	•	•	•
WDU 2.5	ZQV 2.5N	•	•	•	•	•
WDK 2.5 ZQV	ZQV 2.5N	•	•	•		
WTR 2.5/ZZ	ZQV 2.5	•	•	•		
WDU 4	ZQV 4N	•	•	•	•	•
WTR 4...	ZQV 4N	•	•	•		
WDU/PE/4ZZ/ZR	ZQV 4N	•	•	•	•	•
WTR 4/ZZ/ZR	ZQV 4N	•	•	•		
Compact						
WDU 2.5N ZQV	ZQV 2.5N	•	•	•	•	•
WDK 2.5N...	ZQV 2.5N	•	•	•		
WDK 2.5N PE	ZQV 2.5N	•	•	•		
WDU 4N	ZQV 4N	•	•	•	•	•
WDK 4N...	ZQV 4N	•	•	•		
WDK 4N PE	ZQV 4N	•	•	•		



Continuous cross-connection

ZQV 2.5N/20 (20-pole) and ZQV 4N/20 (20-pole) are ideal for shortening (e.g. with tool KT ZQV – 9002170000) to produce customised configurations with the required number of poles.

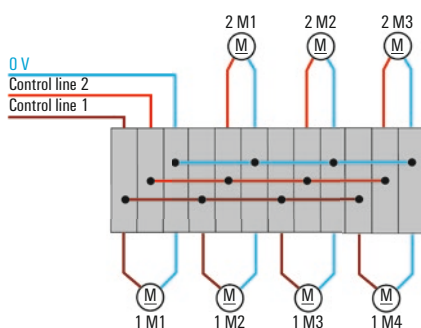
More than 20 poles in a row are not recommended because of the resulting tolerances in the terminals.



Special features of

WDU 2.5, WDU 4 und WDU 2.5/1.5/ZR

- Parallel distribution of 3 potentials
Important! Rated voltage reduced to 125 V!
- Parallel distribution of 2 potentials
Important! Only when using the outer cross-connection holes at 400 V
- The middle cross-connection hole can be used for either ZQV or WQV



Important! By using manually cut ZQV and cross-connections with blank cut edges (> 10 poles) the voltage reduces to 25 V.



Screw connection with clamping-yoke technology (W-Series)
Accessories – Potential distribution

Continuous cross-connection

ZQV 2.5N

ZQV 4N



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
Note	

24		
Type	Qty.	Order No.
ZQV 2.5N/2	60	1527540000
ZQV 2.5N/3	60	1527570000
ZQV 2.5N/4	60	1527590000
ZQV 2.5N/5	20	1527620000
ZQV 2.5N/6	20	1527630000
ZQV 2.5N/7	20	1527640000
ZQV 2.5N/8	20	1527670000
ZQV 2.5N/9	20	1527680000
ZQV 2.5N/10	20	1527690000
ZQV 2.5N/20	20	1527720000

32		
Type	Qty.	Order No.
ZQV 4N/2	60	1527930000
ZQV 4N/3	60	1527940000
ZQV 4N/4	60	1527970000
ZQV 4N/5	60	1527980000
ZQV 4N/6	20	1527990000
ZQV 4N/7	20	1528020000
ZQV 4N/8	20	1528030000
ZQV 4N/9	20	1528070000
ZQV 4N/10	20	1528090000



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
Note	

24		
Type	Qty.	Order No.
ZQV 2.5N/2 BL	60	1527740000
ZQV 2.5N/3 BL	60	1527770000
ZQV 2.5N/4 BL	60	1527780000
ZQV 2.5N/5 BL	20	1527790000
ZQV 2.5N/6 BL	20	1527820000
ZQV 2.5N/7 BL	20	1527830000
ZQV 2.5N/8 BL	20	1527840000
ZQV 2.5N/9 BL	20	1527870000
ZQV 2.5N/10 BL	20	1527880000
ZQV 2.5N/20 BL	20	1527890000

32		
Type	Qty.	Order No.
ZQV 4N/2 BL	60	1528040000
ZQV 4N/3 BL	60	1528080000
ZQV 4N/4 BL	60	1528120000
ZQV 4N/5 BL	60	1528140000
ZQV 4N/6 BL	20	1528170000
ZQV 4N/7 BL	20	1528180000
ZQV 4N/8 BL	20	1528190000
ZQV 4N/9 BL	20	1528220000
ZQV 4N/10 BL	20	1528230000



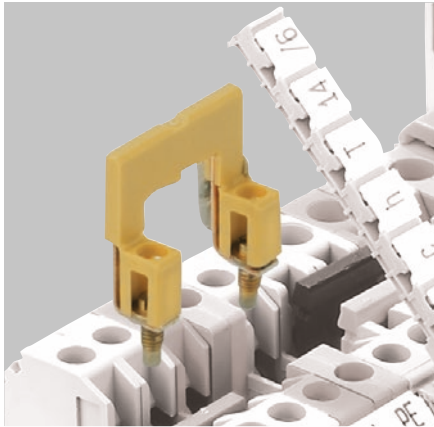
Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
20-pole	
Note	

24		
Type	Qty.	Order No.
ZQV 2.5N/2 RD	60	2108470000
ZQV 2.5N/3 RD	60	2108690000
ZQV 2.5N/4 RD	60	2108700000
ZQV 2.5N/5 RD	20	2108710000
ZQV 2.5N/6 RD	20	2108720000
ZQV 2.5N/7 RD	20	2108810000
ZQV 2.5N/8 RD	20	2108870000
ZQV 2.5N/9 RD	20	2108900000
ZQV 2.5N/10 RD	20	2108910000
ZQV 2.5N/20 RD	20	2108920000

32		
Type	Qty.	Order No.
ZQV 4N/2 RD	60	2460450000
ZQV 4N/3 RD	60	2460810000
ZQV 4N/4 RD	60	2460800000
ZQV 4N/5 RD	60	2460790000
ZQV 4N/6 RD	20	2460780000
ZQV 4N/7 RD	20	2460770000
ZQV 4N/8 RD	20	2460760000
ZQV 4N/9 RD	20	2460750000
ZQV 4N/10 RD	20	2460740000



WQV screw-in cross-connection



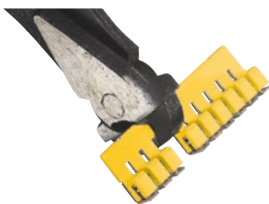
Thanks to the many possible ways in which the WQV cross-connection system can be used – break-out of individual layers, creation of any number of poles or running of two voltages parallel to one another – individual modules can be realised very easily!

Technical instructions

- The full rated current of the terminals can be routed across any number of poles.
- No end plates or partition plates needed for adjacent WQV up to 400 V.

Assembly

- Place the WQV in the cross-connection channel in the middle of the terminal and screw tight.
- Individual WQV segments can be broken out by bending over or using the WAW1 tool (9004500000). It is then possible to bridge individual or several terminals.



- Captive fixing screws.
- Snap onto the clamped support – simple overhead assembly.

Any number of poles (extending)

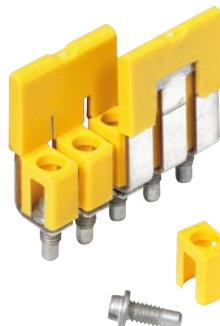
Pre-fitted cross-connections can be set one after the other to produce any required number of poles.

To do so, arrange the last and first contact points of two identical WQVs so that they overlap.

- First, remove the fixing screw and screwdriver guide (insulated part) at one of the outer contact points of one of the WQVs.



- Then insert the WQV without fixing screw and insulated part. At the same time, insert an unmodified WQV in parallel so as to produce an overlap at the connection. The connection is screwed tight using the fixing screw of the unmodified WQV.

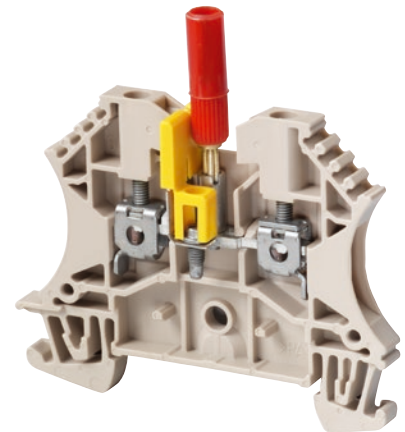


Routing 2 potentials in parallel

- In spite of only having 1 channel, the QV cross-connection system can still be used for offset cross-connections. See the photo “parallel bridging” (see on the next page).

WQV in combination with a socket contact and test plug

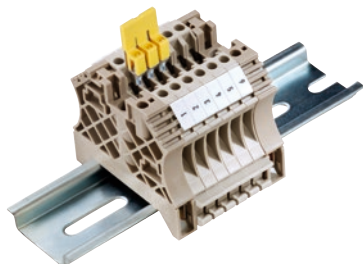
- Remove the fixing screw and insulation part of the WQV. Screw the socket in at this point. This now makes it possible to integrate a safe test point.



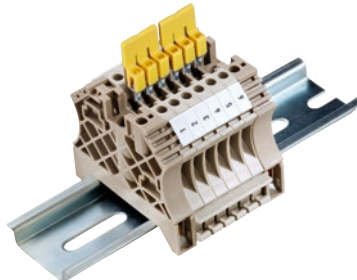
Potential distribution – possible combinations

In one cross-connection channel

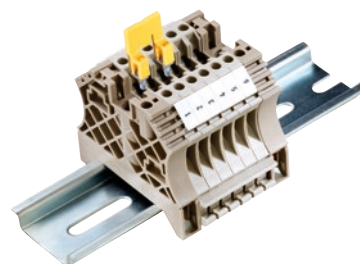
single



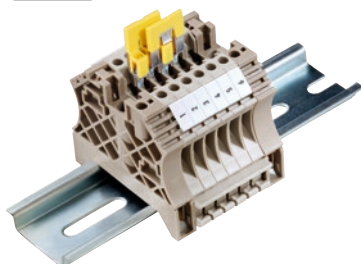
adjacent



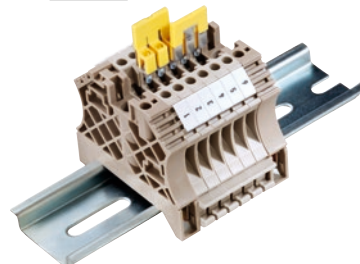
bridging



parallel/bridging



parallel/lengthening



Possible cross-connections of terminals of the same type with appropriate cross-connectors

Terminal type	Cross-connector	single	adjacent	bridging	parallel bridging	parallel lengthening
Standard						
WDU 1.5/ZZ	WQV 2.5	•	•	•	•	•
WDU 1.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5/1.5/ZR	WQV 2.5	•	•	•	•	•
WDU 2.5 - WDU 35	WQV 2.5 - WQV 35	•	•	•	•	•
WDK 2.5...	WQV 2.5	•	•	•	•	•
WDK 2.5 PE	WQV 2.5	•	•	•	•	•
WDU 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDK 2.5/BLZ	WQV 2.5	•	•	•	•	•
WDU 2.5 F...	WQV 2.5	•	•	•	•	•
WDK 2.5 F...	WQV 2.5	•	•	•	•	•
WDU 4... - WDU 35...	WQV 4 - WQV 35	•	•	•	•	•
WDU 70/95	WQV 70/95	•	•			
WDU 120/150	WQV 120/150	•	•			
WDU 240	WQB 240	•	•			
Compact						
WDU 2.5N	WQV 2.5	•	•	•	•	•
WDU 2.5N 600V	WQV 2.5	•	•	•	•	•
WDU 16N	WQV 16N	•	•	•	•	•
WDU 35N	WQV 35N	•	•			
WDU 50N	WQV 50N	•	•			
WDU 70N	WQV 70N	•	•			
WDU 95N/120N	WQV 95N/120N	•	•			





Screw connection with clamping-yoke technology (W-Series)
Accessories – Potential distribution

WQV 2.5



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	
Note	

32		
Type	Qty.	Order No.
WQV 2.5/2	50	1053660000
WQV 2.5/3	50	1053760000
WQV 2.5/4	50	1053860000
WQV 2.5/5	10	1053960000
WQV 2.5/6	10	1054060000
WQV 2.5/7	10	1054160000
WQV 2.5/8	10	1054260000
WQV 2.5/9	10	1054360000
WQV 2.5/10	20	1054460000
WQV 2.5/15	10	1059660000
WQV 2.5/20	10	1577570000
WQV 2.5/32	10	1577600000

WQV 4



41		
Type	Qty.	Order No.
WQV 4/2	50	1051960000
WQV 4/3	50	1054560000
WQV 4/4	50	1054660000
WQV 4/5	10	1057860000
WQV 4/6	10	1057160000
WQV 4/7	10	1057260000
WQV 4/10	20	1052060000

WQV 6



57		
Type	Qty.	Order No.
WQV 6/2	50	1052360000
WQV 6/3	50	1054760000
WQV 6/4	50	1054860000
WQV 6/5	50	1062660000
WQV 6/6	50	1062670000
WQV 6/7	50	1062680000
WQV 6/10	20	1052260000

WQV 35N



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
5-pole	
5-pole	
6-pole	
7-pole	
8-pole	
9-pole	
10-pole	
15-pole	
20-pole	
32-pole	
Note	

125		
Type	Qty.	Order No.
WQV 35N/2	20	1079200000
WQV 35N/3	20	1079300000
WQV 35N/4	20	1079400000
	</	

WQV 50N



150		
Type	Qty.	Order No.
WQV 50N/2	5	1834060000
WQV 50N/3	5	1834070000
WQV 50N/4	5	1834080000
WQV 50N/5	5	2004960000
WQV 50N/5/3/1	5	1469080000

WQV 70N



192		
Type	Qty.	Order No.
WQV 70N/2	5	9512240000
WQV 70N/3	5	9512250000
WQV 70N/4	5	9531290000
WQV 70N/5/3/1	5	1393020000

WQV 10



63		
Type	Qty.	Order No.
WQV 10/2	50	1052560000
WQV 10/3	50	1054960000
WQV 10/4	50	1055060000
WQV 10/10	20	1052460000

WQV 16



101		
Type	Qty.	Order No.
WQV 16/2	50	1053260000
WQV 16/3	50	1055160000
WQV 16/4	50	1055260000
WQV 16/10	10	1053360000

WQV 16N



76		
Type	Qty.	Order No.
WQV 16N/2	50	1636560000
WQV 16N/3	50	1636570000
WQV 16N/4	50	1636580000

WQV 35



112		
Type	Qty.	Order No.
WQV 35/2	50	1053060000
WQV 35/3	50	1055360000
WQV 35/4	50	1055460000
WQV 35/10	10	1053160000

WQV 70/95



232		
Type	Qty.	Order No.
WQV 70/95/2	5	1063500000
WQV 70/95/3	5	1063600000

WQV 95N/120N



269		
Type	Qty.	Order No.
WQV 95N/120N/2	5	1826890000
WQV 95N/120N/3	5	1826900000
WQV 95N/120N/4	5	1826910000
WQV 95N/120N/5/3/1	5	1469090000

WQV 120



269		
Type	Qty.	Order No.
WQV 120/2	5	1063300000
WQV 120/3	5	1063400000





Screw connection with clamping-yoke technology (W-Series)
Accessories – Potential supply

Screwable QV

Q AKZ 4 SS



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
10-pole	
20-pole	
Note	

32		
Type	Qty.	Order No.
Q 2 AKZ4SS	50	0369000000
Q 10 AKZ4SS	20	0369300000

Q / DLI



24		
Type	Qty.	Order No.
Q 2 DLI	50	1312500000
Q 3 DLI	50	1312600000
Q 4 DLI	50	1312700000
Q 10 DLI	20	1313100000
Q 20 DLI	20	1399800000

Q AKZ 1.5



24		
Type	Qty.	Order No.
Q 2 AKZ1.5	50	0368200000
Q 3 AKZ1.5	50	0368300000
Q 4 AKZ1.5	50	0368400000
Q 10 AKZ1.5	20	0368500000

Screwable QV

Q AKZ 4



Technical data	
Rated current	A
Ordering data	
2-pole	
3-pole	
4-pole	
10-pole	
20-pole	
Note	

24		
Type	Qty.	Order No.
Q 2 AKZ4	50	0336400000
Q 3 AKZ4	50	0336500000
Q 4 AKZ4	50	0336600000
Q 10 AKZ4	20	0368600000

Q / WDL



24		
Type	Qty.	Order No.
Q 2 WDL2.5S	50	1071500000
Q 3 WDL2.5S	50	1071600000
Q 4 WDL2.5S	50	1071700000
Q 10 WDL2.5S	20	1071800000
Q 20 WDL2.5S	20	1074200000

Potential supply with cross-section reduction

Feed-in via output terminal

WDU 35

onto WDU 10



Technical data	
Rated current	A
Tightening torque	-
Ordering data	
	2-pole
	3-pole
	6-pole
Note	

to WDU 35	to WDU 10	
57		
0.6...1.2		
Type	Qty.	Order No.
WQV 35-10	10	1068000000

WDU 35

onto WDU 2.5



to WDU 35	to WDU 2.5	
41		
0.4...0.8		
Type	Qty.	Order No.
WQV 35-2.5	10	1064100000

Feed-in via output terminal

WDU 16

WDU 2.5



Technical data	
Rated current	A
Tightening torque	-
Ordering data	
	2-pole
	3-pole
	6-pole
Note	

to WDU 16	to WDU 2.5	
76		
Type	Qty.	Order No.
WQV 16-2.5	10	1063900000

WDU 16N

WDU 2.5



to WDU 16	to WDU 2.5	
76		
Type	Qty.	Order No.
WQV 16N-2.5	10	1073100000

WDU 16N

WDU 4 / WDU 6



to WDU 16N	to WDU 4 / 6	
57		
Type	Qty.	Order No.
WQV 16N-4/6	10	1072500000

Feed-in via output terminal

WDU 10

WDU 2.5



Technical data	
Rated current	A
Tightening torque	-
Ordering data	
	2-pole
	3-pole
	6-pole
Note	

to WDU 10	to WDU 2.5	
57		
Type	Qty.	Order No.
Q WDU 10-2.5 SET	10	1859620000

WDU 6

WDU 2.5



to WDU 6	to WDU 2.5	
41		
Type	Qty.	Order No.
Q WDU 6-2.5 SET	10	1859600000

Note

Cross-connectors reducing the cross-section may not be used in ATEX applications.



Screw connection with clamping-yoke technology (W-Series)
Accessories – Potential supply

Feed-in via output terminal

WDU 10

WDU 4



Technical data	
Rated current	-
Tightening torque	-
Ordering data	
	2-pole
	3-pole
	6-pole
Note	

to WDU 10		to WDU 4	
Type	Qty.	Order No.	
Q WDU10-4 SET	10	1859610000	

WDU 35

WDU 4 / WDU 6



to WDU 35		to WDU 4 / 6	
41			
0.5...1			
Type	Qty.	Order No.	
WQV 35-4/6	10	1064200000	

WDU 16

WDU 4 / WDU 6



to WDU 16		to WDU 4 / 6	
76			
Type	Qty.	Order No.	
WQV 16-4/6	10	1064000000	





Screw connection with clamping-yoke technology (W-Series)
Accessories – Testing / checking

Test adapter

WTA 1



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
1-pole	
with snap-in pegs	
10-pole	
Note	

5 / / 66.1		
6		
IEC	UL	CSA
250	0	
6	0	
1.5	LEER	
0.5...1.5		
1...1.5		
Type	Qty.	Order No.
WTA 1 WDU1.5	25	1632290000
WTA 1/ZA WDU1.5	25	1632300000

WTA 2



5 / 66.1		
6		
IEC	UL	CSA
250	0	
6	0	
1.5	LEER	
0.5...1.5		
1...1.5		
Type	Qty.	Order No.
WTA 2 WDU2.5-10	25	1632320000
WTA 2/ZA WDU2.5-10	25	1632330000
WTA 2/10 WDU2.5/10	5	1632340000

WTA 3



6 / / 66.1		
6		
IEC	UL	CSA
250	0	
6	0	
1.5	LEER	
0.5...1.5		
1...1.5		
Type	Qty.	Order No.
WTA 3 WDU4	25	1632350000
WTA 3/ZA WDU4	25	1632360000

Test adapter

WTA 6



Dimensions	
Width / Length / Height	mm
Stripping length	mm
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Ordering data	
1-pole	
with snap-in pegs	
10-pole	
Note	

5 / / 66.1			
6			
IEC		UL	CSA
250		0	
6		0	
1.5		LEER	
0.5...1.5			
1...1.5			
Type		Qty.	Order No.
WTA 6	WTR2.5	25	1632380000
WTA 6/ZA	WTR2.5	25	1632390000

WTA 7



6 / / 68.15			
6			
IEC		UL	CSA
250		0	
6		0	
1.5		LEER	
0.5...1.5			
1...1.5			
Type		Qty.	Order No.
WTA 7	WSI6	25	1650210000

WTA 4N



5 / 55		
6		
IEC	UL	CSA
250	0	
6	0	
1.5	LEER	
0.5...1.5		
1...1.5		
Type	Qty.	Order No.
WTA 4N WDK 2.5	25	1878660000
WTA 4N/ZA WDK 2.5	25	1879350000

WTA 5



5 / 17		
8		
IEC	UL	CSA
250	0	
6	0	
0.75	LEER	
0.5...1		
1...1		
Type	Qty.	Order No.
WTA 5/1	25	1051260000
WTA 5/10	5	1062060000

Test adapter

Dimensions	
Width / Length / Height	mm
Stripping length	-
Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	-
Ordering data	
	beige
	green
Note	

WTA 8



6 / 39		
IEC	UL	CSA
205	0	
6	0	
1.5	LEER	
0.5...2.5		
Type	Qty.	Order No.
WTA 8 TN	25	1915450000
WTA 8 KO-TN	25	1915480000

Screw connection with clamping yoke technology (W-Series)
Accessories – Specific functions and variations

SIHA fuse holder

For 5x20 G-fuse cartridges

The SIHA fuse holder turns a test disconnect terminal into a fuse terminal in seconds: Simply remove the isolating lever and insert the fuse plug

- Simple handling – no tools required
- Housing made of Wemid (V0)
- Rated current 6.3 A
- 1.6 W power loss to DIN VDE 0611-6 at 23 °C ambient temperature (also for 1.5 times rated current – composite arrangement)
- Even fits on 5 mm wide terminals when fitted in offset arrangement

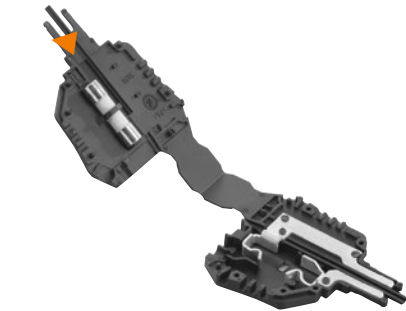


- Marking position for Dekafix 5 and space for self-adhesive label size 8/20



1. Open fuse holder with fingers or screwdriver.

2. Press out old fuse.



3. Position new fuse.



4. Press fuse holder together again with fingers or screwdriver.

SIHA 1



without LED	Qty.	Order No.
SIHA1/G20 400 V	1	9537550000
with LED (rot)		
SIHA1/G20 10 - 36 V	1	9537560000

For test-disconnect terminal versions

WTR 2.5/ZZ

SIHA 3

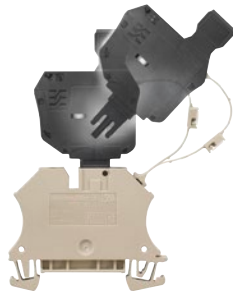


without LED	Qty.	Order No.
SIHA3/G20 400 V	1	7921560000
with LED (rot)		
SIHA3/G20 10 - 36 V	1	7921570000
35 - 70 V	1	7921580000
60 - 150 V	1	7921590000
140 - 250 V	1	7921600000

For test-disconnect terminal versions

WTR 4
WTR 4/ZZ
WTR 4/ZR
WTR 2,5

SIHA STRAP



with strap	Qty.	Order No.
SIHA STRAP	20	9537680000

Connector for "retro-fit" assembly

- Receptacle in the terminal is the marking position
- Integrated marking position on the strap
- Slots into fuse holder either left or right

PEN bridges

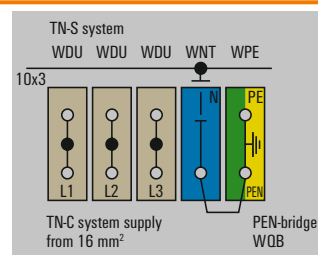
Energy distribution for machines or in buildings usually consists of 5-conductor systems (TN-S). By contrast, energy supply mains are frequently rated as 4-conductor connection. A PEN bridge joins separate PE and N conductors into one PEN conductor, creating the transition from a TN-S to a TN-C system.

Standard installation

Depending on the terminal type, inside or outside, PEN bridges are available for both PE and N conductor terminals from 10 mm². **Important!** For outside bridges, please note that in this context only the next smaller rated cross-section (than standard) can be connected.

Building installation with N-conductor isolation

Special external cross-connections (WQB-PEN) are available for neutral conductor test-disconnect terminals (WNT). These establish contact between the NT and PE terminals. This results in an earthed neutral conductor with protection function in three-phase systems.



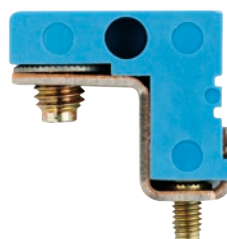
External PEN bridge



WQB-PEN ...

Type	Qty	Order No.	For terminal
with standard terminals			
WQB-PEN 10	10	1060300000	WPE 10 WDU 10 BL
WQB-PEN 16	10	1060200000	WPE 16 WDU 16 BL
WQB-PEN 35	10	1060100000	WPE 35 WDU 35 BL
with compact terminals			
WQB-PEN 16N	10	1079600000	WNT 16N WPE 16N
WQB-PEN 35N	10	1079500000	WNT 35N WPE 35N
WQB-PEN 70N	10	1079700000	WNT 70N WPE 70N

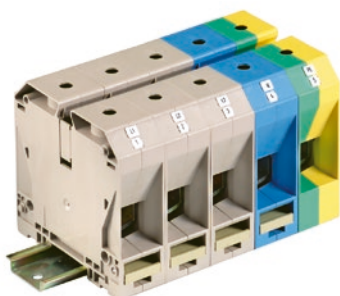
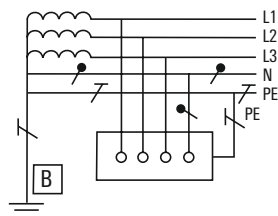
Inside PEN bridge



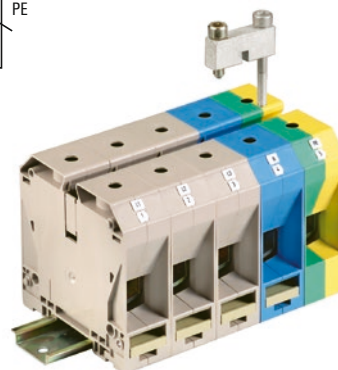
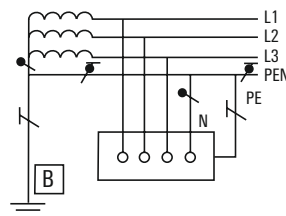
WQV ... -PEN

Typ	Qty	Order No.	For terminal
WQV 16N-PEN	10	1071360000	WPE 16N WDU 16N BL
WQV 70N-PEN	5	9525840000	WPE 70N WDU 70N BL
WQV 70/95-PEN	5	1072300000	WPE 70/95 WDU 70/95 BL
WQV 120-PEN	5	1072400000	WPE 120/150 WDU 120/150 BL
WQV 50N-PEN		9201610000	WPE 50N WDU 50N
WQV 95N/120N-PEN		9201630000	WPE 95N/120N WDU 95N/120N

TN-S system:



TN-C system:



Robust connection for harsh conditions

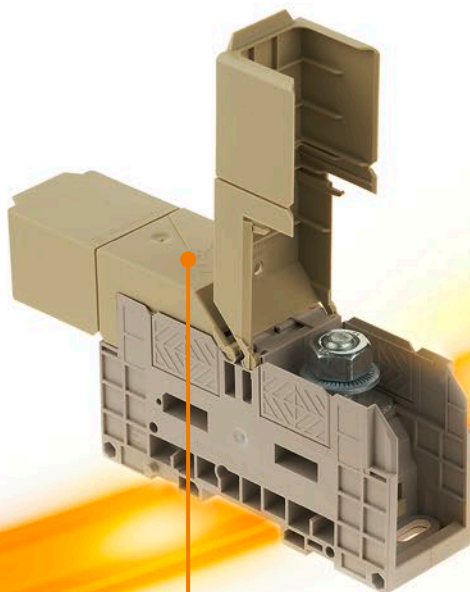
Klippon® Connect offers maintenance-free contacts using stud technology

Whether it is the supply of high power levels to engines, quick and safe coupling of carriages, energy distribution in the carriages and parts thereof, traffic engineering in general, and high-speed trains especially, all pose real challenges for connectivity. For reliable power transfer in these challenging conditions, we offer series WF, WFF and ST 400 stud terminals. With crimped cable lugs, the conductors are laid on the threaded pins and securely connected together by tightening the hex nut to the required torque. The robust processing guarantees the ultimate in safety.



Our promise

Our stud terminals are an established, robust connection alternative for particularly harsh environments. The extensive accessories and quality workmanship ensure high productivity in planning and installation – and sustainable safety in operation.



Safety

- Safe operation is guaranteed thanks to cover profiles or the snap-on and screwable hinged hoods
- All materials comply with the fire safety regulations found in DIN EN 45545
- All stud terminals are tested in line with the railway standards and made of self-extinguishing material

**Time saving**

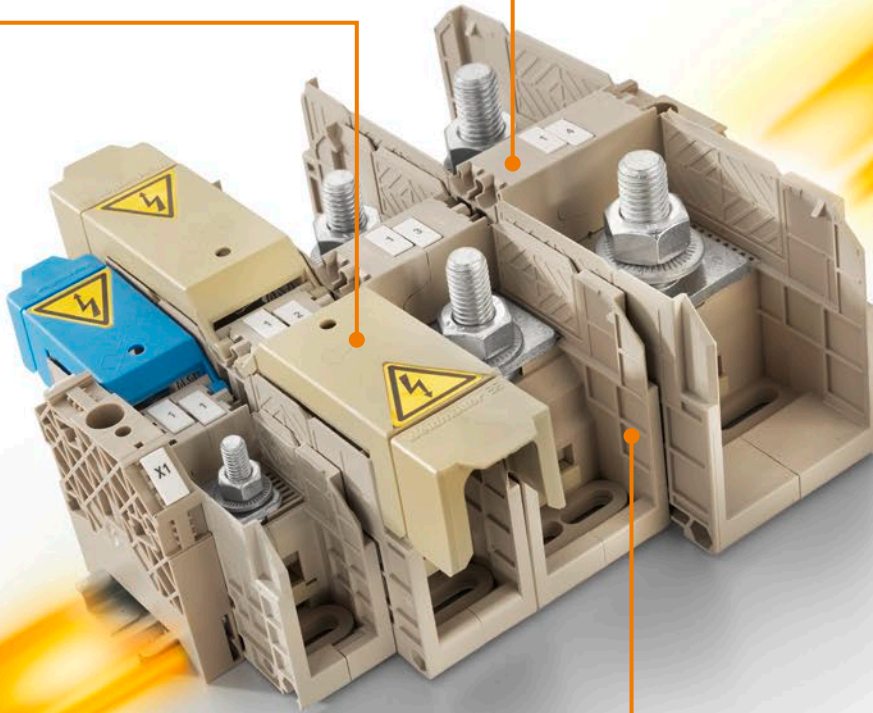
- Extensive accessories
- Quick installation

Flexibility

- Designed for voltage ranges up to 4,000 V and currents up to 415 A
- Simple to use: all that is required is one torque wrench
- Extensive portfolio of one and two stud terminals

Space saving

- Up to two cable lugs can be connected for each stud

**Overview**

In all applications where reliable power transfer is key, our stud terminals are the safe solution.

Clever operating concept:

The WF and WFF stud terminal series are available as single and two-stud terminals. The option of a built-in folding hinged hood gives the two-stud terminals in the WFF-Series a particularly high level of safety.

Robust and high performance:

The ST 400 stud terminals, made of glass-fibre reinforced, flame resistant artificial resin for operating voltages of up to 4 kV, are specially designed for use on rail vehicles and tested to meet railway standards. They are perfect for applications with high requirements in terms of vibration and shock resistance.



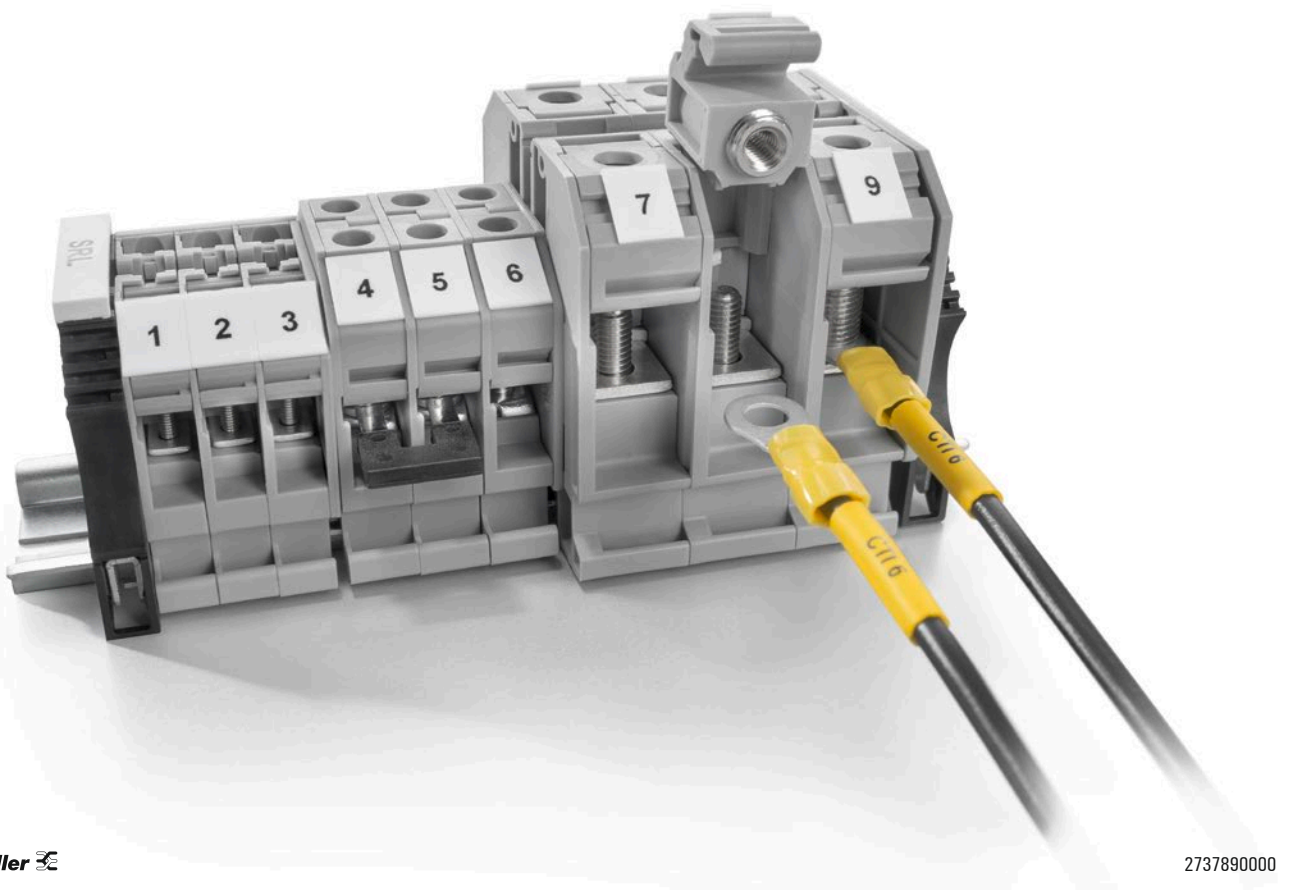
Connect ring lugs quickly and safely

Klippon® Connect SRL Range with stud technology

Our SRL terminals are best suited for applications where connections are subjected to strong vibrations. The wire to be connected is first crimped onto a ring or fork eyelet and then attached to the busbar of the terminal block. The fixing nuts remain captive in the hinged plastic carrier. For connection, the plastic carrier is lifted, the conductor is inserted with the eyelet, and the plastic carrier returned to its initial position. The fixing nut is tightened with a simple screwdriver to create a secure connection between terminal block and eyelet.

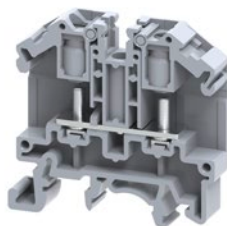
Your special advantages:

- All terminal blocks of the SRL family are protected to IP20
- The finger-safe construction makes additional covers unnecessary
- Two cable lugs can also be connected without compromising safety
- SRL 4 STB terminals have hexagon socket screws to accept standard (D) 4.3 mm test adapters
- The variants SRL 3 and SRL 6 are additionally available with internal and external cross-connection options



SRL 3

6 mm²



Width/Height/Depth	mm
max. current / Clamping range, max.	A
Max. clamping range	mm ²

9 x 47 x 47.25	
/ 41 / 6.00	
1.5...6.00	

Technical data

Rated data with Wemid partition wall	
Rated voltage	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque, max.	

Note

Ordering data

Version	dark beige
Note	

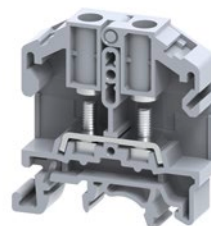
Accessories

Plug-in cross-connection	
2-pole	
3-pole	
4-pole	
2-pole	
4-pole	
Cross-connection permanent	
2-pole	
3-pole	
4-pole	
Screwable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
End plate	
dark beige	
Marking tags	

For detailed information on other accessories and application in the online catalogue

SRL 4

6 mm²



11 x 46 x 52.2	
/ 41 / 6.00	
1.5...6.00	

IEC 60947-7-1

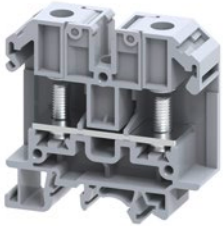
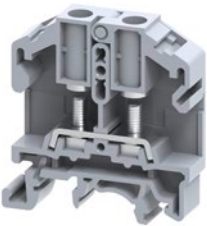
IEC	UL	CSA	EN 60079-7
1000			
41			
6			
8 kV / 3			
CE			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
0.5 Nm			

Type	Qty.	Order No.
SRL 4	50	2614940000

Type	Qty.	Order No.
SRQB 4/2	41 A 100	2615220000
SRQB 4/3	41 A 50	2615230000
SRQB 4/4	41 A 50	2615240000
SQB 4/2	41 A 100	2615140000
SQB 4/3	41 A 50	2615150000
SQB 4/4	41 A 50	2615160000
SEP SRL 4	50	2615000000
WS 12/9.5-11 MC NE WS	300	2484220000

Screw connection with stud technology
Feed-through terminal blocks – SRL

SRL 4 STB	6 mm ²	SRL 6	35 mm ²
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Width/Height/Depth	mm
max. current / Clamping range, max.	A
Max. clamping range	mm ²

11 x 46 x 52.2	
/ 41 / 6.00	
1.5...6.00	

18 x 63.9 x	
/ 125 / 35.00	
1.5...35.00	

Technical data

Rated data with Wemid partition wall	
Rated voltage	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque, max.	
Note	

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			
41			
6			
8 kV / 3			
CE			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
0.5 Nm			
Note			

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000			
125			
35			
8 kV / 3			
UL			
1.5...35 mm ²			
1.5...35 mm ²			
1.5...35 mm ²			
1.5...35 mm ²			
3 Nm			
Note			

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
SRL 4 STB	50	2614950000
Note		

Type	Qty.	Order No.
SRL 6	50	2614960000
Note		

Accessories

Plug-in cross-connection	
2-pole	
3-pole	
4-pole	
2-pole	
4-pole	
Cross-connection permanent	
2-pole	
3-pole	
4-pole	
Screwable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
End plate	
dark beige	
Marking tags	

Type	Qty.	Order No.
SROB 4/2	41 A 100	2615220000
SROB 4/3	41 A 50	2615230000
SROB 4/4	41 A 50	2615240000
SQS 4/2	41 A 20	2615250000
SQS 4/4	41 A 10	2615260000
SQB 4/2	41 A 100	2615140000
SQB 4/3	41 A 50	2615150000
SQB 4/4	41 A 50	2615160000
SEP SRL 4	50	2615000000
WS 12/9.5-11 MC NE WS	300	2484220000

Type	Qty.	Order No.
SQV 6/2	125 A 100	2615080000
SQV 6/3	125 A 50	2615090000
SQV 6/4	125 A 50	2615100000
SEP SRL 6	50	2615010000
WS 10/15 MC NE WS	240	1854090000

For detailed information on other accessories and application in the online catalogue





Stud terminals

Power transmission

The comprehensive range of stud terminals ensures secure connections for all power transmission applications. Connections range from 10 mm² to 300 mm².

The connectors are attached to the threaded pins using crimped cable lugs and each connection is secured by tightening the hexagon nut. Stud terminals with threaded pins from M5 to M16 can be used according to the wire cross-section.

All stud terminals are tested to international standards (**EN 60947-7-1, EN 50124-1, DIN EN 61373, EN 50343, DIN EN 45545-2, NFF 61-017**) and satisfy the requirements contained therein.

Handling

Cable lugs are crimped onto the cable lugs to connect the connectors. The cable lugs are placed between the washer on the clamp support and the lock washer on the bolt of the WF terminal. With the WFF stud terminals, the cable lugs contact directly to the current bar. Tightening the hexagon nut causes the cable lugs' flaps to press against one another – thereby creating a secure contact.

WF / WFF series

- For voltage ranges up to 1000 V
- For use with special epoxy resin partition plates even up to 2,300 V and 520 A

WF single-stud terminals

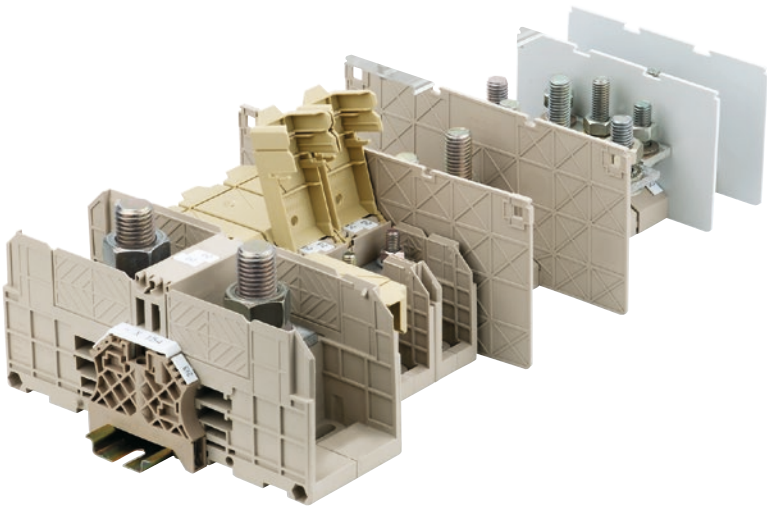
- Four connectors can be securely connected without a problem
- Three connectors even without compromising the rated data

WFF two-bolt terminals

- Two connectors can be reliably connected

Accessories

We offer an extensive range of accessories for our stud terminals. A detailed description is available on the accessory overview pages.



product overview

size of thread	M5	M6	M8	M10	M12	M16
single-stud terminals - WF	•	•	•	•	•	
twin-stud terminals - WF 2 BZ		•	•	•		
twin-stud terminals - WFF		•	•	•	•	•
twin-stud terminals - ST 4000 (up to 4000 V)			•	•	•	

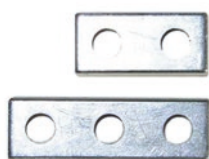
Stud connection

- Stud size M5 to M16
- Connector with cable lug according to DIN 46234 up to 240 mm² and DIN 46235 up to 300 mm²



Cross-connections

- Saves a great deal of time through fast potential distribution
- Can be used for all stud terminals
- 2, 3 and 4-pin variations available
- Potential distribution between different sizes possible (from WF6 to WF8 and to WF10)



Simple operation

- The cable lugs are placed on the bolt using the washer
- The lock washer is placed on top
- A secure contact is established between the cable lugs by tightening the steel nuts

Clamp supports made of Wemid

- Non-tracking CTI 600
- Temperature-resistant up to 130°C
- Self-extinguishing V0 according to UL94
- Non-toxic
- No smoke emission in the event of fire
- Complies with the requirements set out in DIN EN 45545-2

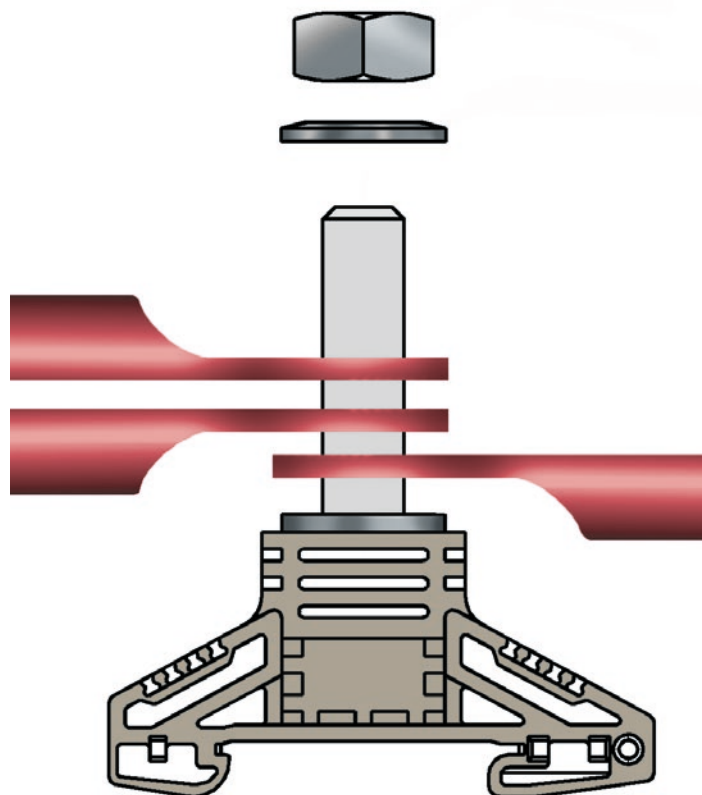
Contact security

- Maintenance-free, no tightening of the nut necessary
- Resistant to vibrations and high contact force through lock washer

Safe operation

Touch-safe protection

- In the case of WF, through partition plates and transparent cover profiles
- In the case of WFF, with a lockable cover hood for each connection





Screw connection with stud technology
Feed-through terminal blocks – WF and WFF

Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque (clamping screw for copper conductors)	
Note	

Ordering data

Version
dark beige
Note

Accessories

Cross-connector	
2-pole	
3-pole	
4-pole	
Auxiliary/control connection	
up to 4 mm ² , 32 A	
Spacer	
dark beige	
Beige epoxy resin	
dark beige	
End bracket	
dark beige	
Hood transparent	
Hood transparent 1000 mm	
Holder for shrouding cover transparent	
Holder for shrouding cover, transparent	
Busbar	
Marking tags	

For detailed information on other accessories and application in the online catalogue

WF 5 16 mm²
Screw thread M5



13 x 67 x 54.5
76 / 16
0.1...16

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
76	85	85	
16	AWG 10...4	AWG 10...4	
8 kV / 3			
/ V-0			
CE CB ENE PA			
0.1...16 mm ²			
0.1 to 16 mm ²			
6...10 mm ²			
6...10 mm ²			
1000V UL and CSA for usage groups B and C can be used with isolating terminal rails and when using WTW WF6 1781220000 partitions.			

Type	Qty.	Order No.
WF 5	25	1790130000
1000 V DC rated voltage passed with the WTW WF6 1781220000 partition plate.		

Type	Qty.	Order No.
WQL 2 WF5	76 A 5	1812710000
WQL 3 WF5	76 A 5	1812740000
WTW WF6	20	1781220000
WTW WF6 2300	20	1781230000
WTW WF6-WF12	20	1781240000
WEW 35/2	50	1061200000
ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000
WS 12/5 MC NE WS	720	1609860000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 5 NFF 16 mm²
Screw thread M5



13 x 67 x 54.5
76 / 16
0.1...16

IEC	UL	CSA	EN 60079-7
1000			
76			
16			
8 kV / 3			
/ V-0			
CE ENE			
0.1...16 mm ²			
6...10 mm ²			

Type	Qty.	Order No.
WF 5 NFF	25	1968990000

Type	Qty.	Order No.
WQL 2 WF5	76 A 5	1812710000
WQL 3 WF5	76 A 5	1812740000
WTW WF6	20	1781220000
WTW WF6 2300	20	1781230000
WTW WF6-WF12	20	1781240000
WEW 35/2	50	1061200000
ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000
WS 15/5 MC NE WS	480	1609880000
DEK 5/6 MC NE WS	1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 6

35 mm²

Screw thread M6



17.8 x 67 x 54.5
125 / 35
2.5...35

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
125	115	150	
35	AWG 14...2	AWG 14...2	
8 kV / 3 / V-0			
CE ENEC KEMA VDE			
2.5...35 mm ²			
2.5 to 35 mm ²			
6...25 mm ²			
6...25 mm ²			

1000 V UL and CSA for usage groups B and C; can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 6	25	1780850000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
WQL 2 WF6	125 A 5	1780970000
WQL 3 WF6	125 A 5	1780980000
WZAF 35	32 A 10	1070500000
WTW WF6	20	1781220000
WTW WF6 2300	20	1781230000
WTW WF6-WF12	20	1781240000
WEW 35/2	50	1061200000
ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000
WS 10/6 MC NE WS	600	1828450000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 6 NFF

35 mm²

Screw thread M6



17.8 x 67 x 54.5
125 / 35
2.5...35

IEC	UL	CSA	EN 60079-7
1000			
125			
35			
8 kV / 3 / V-0			
CE ENEC			
2.5...35 mm ²			
6...35 mm ²			

Type	Qty.	Order No.
WF 6 NFF	25	1969000000

Type	Qty.	Order No.
WQL 2 WF6	125 A 5	1780970000
WQL 3 WF6	125 A 5	1780980000
WZAF 35	32 A 10	1070500000
WTW WF6	20	1781220000
WTW WF6 2300	20	1781230000
WTW WF6-WF12	20	1781240000
WEW 35/2	50	1061200000
ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000
WS 15/5 MC NE WS	480	1609880000
DEK 5/6 MC NE WS	1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 8

50 mm²

Screw thread M8



22.8 x 67 x 63.5
150 / 50
2.5...50

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
150	150	200	
50	AWG 14...0	AWG 14...0	
8 kV / 3 / V-0			
CE ENEC KEMA VDE			
2.5...50 mm ²			
2.5 to 50 mm ²			
6...35 mm ²			
6...35 mm ²			

The WQL 2 for WF 6 on the WF 8 is available under Order no. 1808980000.

Type	Qty.	Order No.
WF 8	25	1780860000
1000 V UL and CSA for use groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.		

Type	Qty.	Order No.
WQL 2 WF8	150 A 5	1780990000
WQL 3 WF8	150 A 5	1781000000
WZAF 70	32 A 10	1066200000
WTW WF8	20	1780900000
WTW WF8 2300	20	1780910000
WEW 35/2	50	1061200000
ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000
WS 10/6 MC NE WS	600	1828450000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1



Screw connection with stud technology

Feed-through terminal blocks – WF and WFF

WF 8 NFF

50 mm²

Screw thread M8



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm²

22.8 x 67 x 63.5
150 / 50
2.5...50

WF 10

120 mm²

Screw thread M10



33.8 x 67 x 72.5
269 / 120
6...120

Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque (clamping screw for copper conductors)	

Note

Ordering data

Version	dark beige
Note	

Accessories

Cross-connector	
	2-pole
	3-pole
	4-pole
Auxiliary/control connection	
	up to 4 mm², 32 A
Spacer	
	dark beige
	Beige epoxy resin
	dark beige
End bracket	
	dark beige
Hood transparent	
	Hood transparent 1000 mm
Holder for shrouding cover transparent	
	Holder for shrouding cover, transparent
Busbar	
Marking tags	

IEC	UL	CSA	EN 60079-7
1000			
150			
50			
	8 kV / 3		
	/ V-0		
CE			
2.5...50 mm²			
6...35 mm²			

Type	Qty.	Order No.
WF 8 NFF	25	1968960000

Type	Qty.	Order No.
WQL 2 WF8	150 A 5	1780990000
WQL 3 WF8	150 A 5	1781000000
WZAF 70	32 A 10	1066200000
WTW WF8	20	1780900000
WTW WF8 2300	20	1780910000
WEW 35/2	50	1061200000
ADP WF6/WF8	1	1780930000
HA ADP WF6/WF10	10	1781050000
WS 15/5 MC NE WS	480	1609880000
DEK 5/6 MC NE WS	1000	1609820000

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	255	320	
120	AWG 10...250	AWG 10...250	
	8 kV / 3		
	/ V-0		
CE			
6...120 mm²			
6 to 120 mm²			
10...95 mm²			
10...95 mm²			

The WQL 2 for WF 6 on the WF 10 is available under Order no. 1806620000.

Type	Qty.	Order No.
WF 10	20	1780870000

1000 V UL and CSA for use groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.

Type	Qty.	Order No.
WQL 2 WF10	269 A 5	1781010000
WQL 3 WF10	269 A 5	1781020000
WQL 4 WF10	265 A 5	1027840000
WZAF 120	32 A 10	1066300000
WTW WF10/WF12	20	1780890000
WTW WF10/WF12 2300	20	1780920000
WEW 35/2	50	1061200000
ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000
WS 10/6 MC NE WS	600	1828450000

For detailed information on other accessories and application in the online catalogue

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 10 NFF

120 mm²

Screw thread M10



33.8 x 67 x 72.5
269 / 120
6...120

IEC	UL	CSA	EN 60079-7
1000			
269			
120			
	8 kV / 3		
	/ V-0		
CE Ⅲ			
6...120 mm ²			
10...95 mm ²			

The WQL 2, for WF 6 on WF 10, is available under order no. 180662000.

Type	Qty.	Order No.
WF 10 NFF	20	1968950000

Type	Qty.	Order No.
WQL 2 WF10	269 A 5	1781010000
WQL 3 WF10	269 A 5	1781020000
WQL 4 WF10	265 A 5	1027840000
WZAF 120	32 A 10	1066300000
WTW WF10/WF12	20	1780890000
WTW WF10/WF12 2300	20	1780920000
WEW 35/2	50	1061200000
ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000
SMSE WF10/2XM6	10	1868880000
WS 15/5 MC NE WS	480	1609880000
DEK 5/6 MC NE WS	1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 12

120 mm²

Screw thread M12



33.8 x 67 x 70.5
269 / 120
6...120

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	255	320	
120	AWG 10...250	AWG 10...250	
	8 kV / 3		
	/ V-0		
CE Ⅲ			
6...120 mm ²			
6 to 120 mm ²			
10...95 mm ²			
10...95 mm ²			

Type	Qty.	Order No.
WF 12	20	1780880000

1000 V UL and CSA for use groups B and C; can be used with isolating DIN rails and when using WTW-type partitions.

Type	Qty.	Order No.
WQL 2 WF12	269 A 5	1781030000
WQL 3 WF12	269 A 5	1781040000
WZAF 185	32 A 10	1066400000
WTW WF10/WF12	20	1780890000
WTW WF10/WF12 2300	20	1780920000
WEW 35/2	50	1061200000
ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000
WS 10/6 MC NE WS	600	1828450000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1

WF 12 NFF

120 mm²

Screw thread M12



33.8 x 67 x 70.5
269 / 120
6...120

IEC	UL	CSA	EN 60079-7
1000			
269			
120			
	8 kV / 3		
	/ V-0		
CE Ⅲ			
6...120 mm ²			
10...95 mm ²			

Type	Qty.	Order No.
WF 12 NFF	20	1968940000

Type	Qty.	Order No.
WQL 2 WF12	269 A 5	1781030000
WQL 3 WF12	269 A 5	1781040000
WZAF 185	32 A 10	1066400000
WTW WF10/WF12	20	1780890000
WTW WF10/WF12 2300	20	1780920000
WEW 35/2	50	1061200000
ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000
SMSE WF10/2XM6	10	1868880000
WS 15/5 MC NE WS	480	1609880000
DEK 5/6 MC NE WS	1000	1609820000

With WTW...2300 made from epoxy resin, rated current is 2300 V according to DIN EN 50124-1



Screw connection with stud technology Feed-through terminal blocks – WF and WFF

WF 6/2BZ

35 mm²

Screw thread M6



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm²

17.8 x 67 x 54.5
125 / 35
2.5...35



Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque (clamping screw for copper conductors)	

Note

Ordering data

Version
dark beige
Note

Accessories

Cross-connector	
	2-pole
	3-pole
Auxiliary/control connection	
	up to 4 mm², 32 A
Spacer	
	dark beige
	Beige epoxy resin
End bracket	
	dark beige
Hood transparent	
	Hood transparent 1000 mm
Holder for shrouding cover transparent	
	Holder for shrouding cover, transparent
Marking tags	

For detailed information on other accessories and application in the online catalogue

WF 8/2BZ

50 mm²

Screw thread M8



22.8 x 67 x 63.5
150 / 50
2.5...50



IEC	UL	CSA	EN 60079-7
1000	1000	1000	
150	150	150	
50			
8 kV / 3			
/ V-0			
CE CB CB2 CB3 CB4 CB5 CB6 CB7 CB8 CB9 CB10 CB11 CB12 CB13 CB14 CB15 CB16 CB17 CB18 CB19 CB20 CB21 CB22 CB23 CB24 CB25 CB26 CB27 CB28 CB29 CB30 CB31 CB32 CB33 CB34 CB35 CB36 CB37 CB38 CB39 CB40 CB41 CB42 CB43 CB44 CB45 CB46 CB47 CB48 CB49 CB50 CB51 CB52 CB53 CB54 CB55 CB56 CB57 CB58 CB59 CB60 CB61 CB62 CB63 CB64 CB65 CB66 CB67 CB68 CB69 CB70 CB71 CB72 CB73 CB74 CB75 CB76 CB77 CB78 CB79 CB80 CB81 CB82 CB83 CB84 CB85 CB86 CB87 CB88 CB89 CB90 CB91 CB92 CB93 CB94 CB95 CB96 CB97 CB98 CB99 CB100			
2.5...50 mm²			
2.5 to 50 mm²			
6...35 mm²			
6...35 mm²			

1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 8/2BZ	25	1789780000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
WF 6/2BZ	25	1789770000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
WQL 2 WF6	125 A 5	1780970000
WQL 3 WF6	125 A 5	1780980000
WZAF 35	32 A 10	1070500000
WTW WF10/WF12	20	1780890000
WTW WF6 2300	20	1781230000
WEW 35/2	50	1061200000
ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000
WS 12/5 MC NE WS	720	1609860000

With WTW...2300 made from epoxy resin, rated current 2300 V according to DIN EN 50124 pt 1

With WTW...2300 made from epoxy resin, rated current 2300 V according to DIN EN 50124 pt 1

WF 10/2BZ

120 mm²

Screw thread M10






33.8 x 87.6 x 72.5

269 / 120

6...120



IEC	UL	CSA	EN 60079-7
1000	1000	1000	
269	230	230	
120			
8 kV / 3			
/ V-0			
CE   			
6...120 mm ²			
6 to 120 mm ²			
10...95 mm ²			
10...95 mm ²			

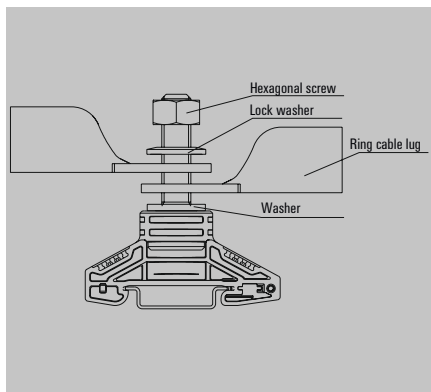
1000 V UL and CSA for usage groups B and C; can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WF 10/2BZ	10	1789790000
1000 VDC rated voltage tested.		

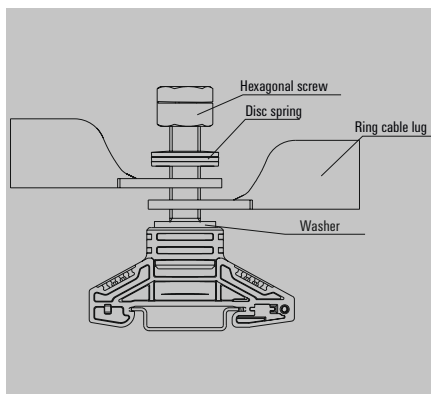
Type	Qty.	Order No.
WQL 2 WF10	269 A 5	1781010000
WQL 3 WF10	269 A 5	1781020000
WZAF 120	32 A 10	1066300000
WTW WF10/WF12	20	1780890000
WTW WF10/WF12 2300	20	1780920000
WEW 35/2	50	1061200000
ADP WF10/WF12	1	1780940000
HA ADP WF6/WF10	10	1781050000

With WTW...2300 made from epoxy resin, rated current 1500 V up to 70 mm² according to DIN EN 50124 pt 1

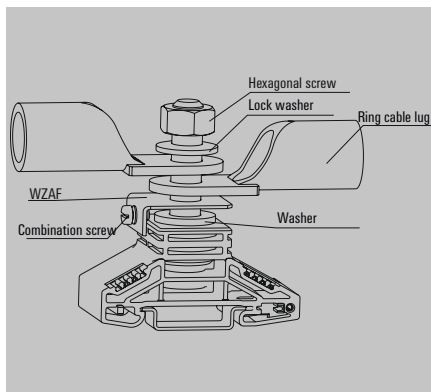
Stud connection series WF



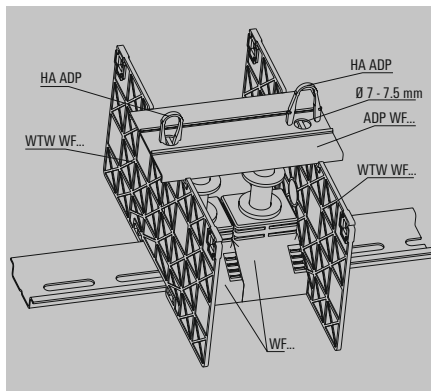
Stud connection series WF NFF



Auxiliary/control line connection WZAF



Application example



Structure to use cover profiles (ADP WF) on the partition plates (WTW WF) with the relevant holders (HA ADP).

Drilled holes for cover profiles 7-7.5 mm



Screw connection with stud technology Feed-through terminal blocks – WF and WFF

WFF 35

35 mm²

Screw thread M6



WFF 35 NFF

35 mm²

Screw thread M6











Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

27 x 107 x 51	
150 / 50	
2.5...50	

27 x 107 x 51	
125 / 50	
2.5...50	

Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234	
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235	
Tightening torque (clamping screw for copper conductors)	

Ex eb II C Gb			 II 2 G D
IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
125	115	130	109
35	AWG 14...2	AWG 14...2	35 mm ²
8 kV / 3			
/ V-0			
      		KEMA 98ATEX1684 U	
2.5...50 mm ² / 2.5 to 35 mm ²			
6...25 mm ² / 6...25 mm ²			

IEC	UL	CSA	EN 60079-7
500			
125			
35			
/ V-0			
2.5...50 mm ² / 2.5 to 35 mm ²			
6...25 mm ² / 6...25 mm ²			

Note

1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Ordering data

Version	
dark beige	
dark beige	
Blue	
Note	

Type	Qty.	Order No.
WFF 35	10	1028300000
WFF 35/AH	5	1029300000
WFF 35 BL	10	1028380000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
WFF 35 NFF	5	1049220000

Accessories

Cross-connector	
2-pole	
3-pole	
Auxiliary/control connection	
up to 4 mm ² , 32 A	
Spacer	
dark beige	
End bracket	
dark beige	
Hood	
Hood, dark beige Wemid	
Marking tags	
Warning triangle for power supply terminals	

Type	Qty.	Order No.
WQL 2 WFF35	125 A 5	1064900000
WQL 3 WFF35	125 A 5	1065400000
WZAF 35	32 A 10	1070500000
WTW WFF35	10	1067100000
WEW 35/1	50	1059000000
WAH 35	20	1064460000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

Type	Qty.	Order No.
WQL 2 WFF35	125 A 5	1064900000
WQL 3 WFF35	125 A 5	1065400000
WZAF 35	32 A 10	1070500000
WTW WFF35	10	1067100000
WEW 35/1	50	1059000000
WAH 35	20	1064460000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

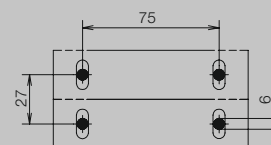
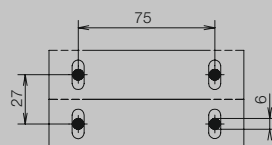
WAH 35 in blue, Order no. 1064480000

WAH 35 in blue, Order no. 1064480000

Technical drawing

Drilling template for direct mounting

Fixing screw for direct mounting	Order No.
M6 x 16	1063700000



WFF 70

70 mm²

Screw thread M8



31.8 x 132 x 61
232 / 95
2.5...95



Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
192	175	170	167
70	AWG 14...0	AWG 14...0	70 mm ²

8 kV / 3

/ V-0

KEMA 98ATEX1684 U

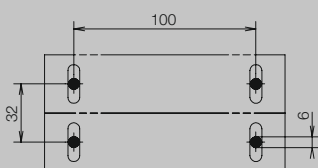
2.5...95 mm² / 2.5...70 mm²
16...70 mm² / 16...70 mm²

When connecting cable lugs (in accordance with DIN 46234) with 70 and 95 mm², the rated voltage is reduced to 800 V.

Type	Qty.	Order No.
WFF 70	10	1028400000
WFF 70/AH	5	1029400000
WFF 70 BL	10	1028480000
1000 V DC rated voltage tested. 1000 V UL and CSA for usage groups B and C. can be used with isolating terminal rails and when using WTW-type partitions.		

Type	Qty.	Order No.
WQL 2 WFF70	192 A 5	1065000000
WQL 3 WFF70	192 A 5	1065500000
WZAF 70	32 A 10	1066200000
WTW WFF70	10	1067200000
WEW 35/1	50	1059000000
WAH 70 BE	20	1064560000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

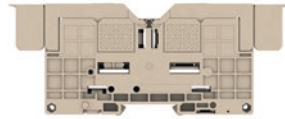
WAH 70 in blue, Order no. 1064580000



WFF 70 NFF

70 mm²

Screw thread M8



32 x 132 x 61
192 / 95
2.5...95



IEC	UL	CSA	EN 60079-7
500			
192			
70			

/ V-0

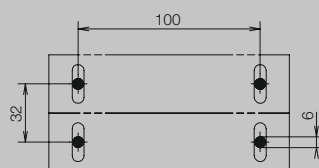
KEMA 98ATEX1684 U

2.5...95 mm² / 2.5...70 mm²
16...70 mm² / 16...70 mm²

Type	Qty.	Order No.
WFF 70 NFF	5	1049230000

Type	Qty.	Order No.
WQL 2 WFF70	192 A 5	1065000000
WQL 3 WFF70	192 A 5	1065500000
WZAF 70	32 A 10	1066200000
WTW WFF70	10	1067200000
WEW 35/1	50	1059000000
WAH 70 BE	20	1064560000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

WAH 70 in blue, Order no. 1064580000



WFF 120

120 mm²

Screw thread M10



42 x 132 x 72
309 / 150
6...150



Ex eb II
C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
269	310	310	234
120	AWG 10...250	AWG 10...250	120 mm ²

8 kV / 3

/ V-0

KEMA 98ATEX1684 U

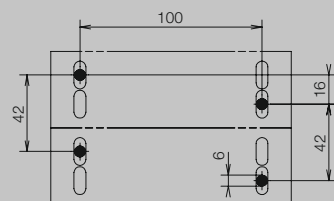
6...150 mm² / 6 to 120 mm²
16...150 mm² / 16...120 mm²

1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WFF 120	5	1028500000
WFF 120/AH	4	1029500000
WFF 120 BL	5	1028580000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
WQL 2 WFF120	269 A 5	1065100000
WQL 3 WFF120	269 A 5	1065600000
WZAF 120	32 A 10	1066300000
WTW WFF120	10	1067300000
WEW 35/1	50	1059000000
WAH 120	20	1064660000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

WAH 120 in blue, order No. 1064680000

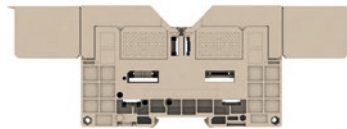


Screw connection with stud technology Feed-through terminal blocks – WF and WFF

WFF 120 NFF

120 mm²

Screw thread M10



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

42 x 132 x 72.5	
269 / 150	
6...150	

Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234 / 2 x cable lugs DIN 46 234	
Cable lug to DIN 46235 / 2 x cable lugs DIN 46 235	
Tightening torque (clamping screw for copper conductors)	

Note

Ordering data

Version	
	dark beige
	dark beige
	Blue
Note	

Accessories

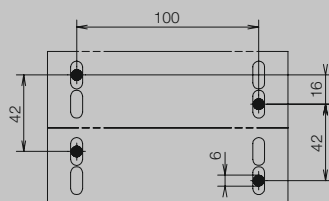
Cross-connector	
	2-pole
	3-pole
Auxiliary/control connection	
	up to 4 mm ² , 32 A
Spacer	
	dark beige
End bracket	
	dark beige
Hood	
	Hood, dark beige Wemid
Marking tags	
	Warning triangle for power supply terminals

For detailed information on other accessories and application in the online catalogue

Technical drawing

Drilling template for direct mounting

Fixing screw for direct mounting	Order No.
M6 x 16	1063700000



WFF 185

185 mm²

Screw thread M12



55 x 163 x 77.5	
415 / 240	
10...240	

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
353	380	360	307
185	AWG 8...500	AWG 8...500	185 mm ²

8 kV / 3 / V-0

KEMA 98ATEX1684 U

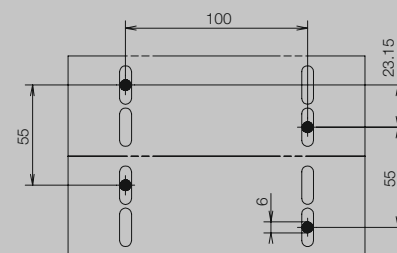
10...240 mm² / 10...185 mm²
25...240 mm² / 25...185 mm²

1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WFF 185	4	1028600000
WFF 185/AH	2	1029600000
WFF 185 BL	4	1028680000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
WQL 2 WFF185	353 A 5	1065200000
WQL 3 WFF185	353 A 5	1065700000
WZAF 185	32 A 10	1066400000
WTW WFF185/300	10	1067400000
WEW 35/1	50	1059000000
WAH 185/300 BE	10	1064760000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

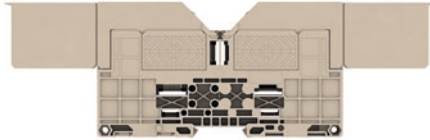
WAH 185/300 in blue, Order no. 1064780000



WFF 185 NFF

185 mm²

Screw thread M12



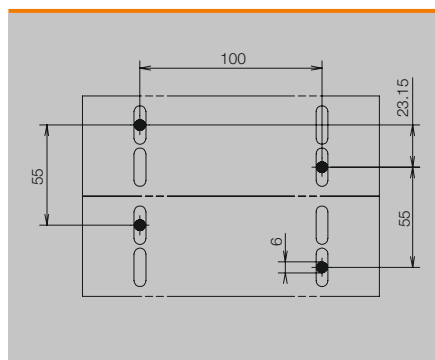
55 x 163 x 77.2
353 / 240
10...240

IEC	UL	CSA	EN 60079-7
500			
353			
185			
/ V-0			
CE			
10...240 mm ² / 10...185 mm ²			
25...240 mm ² / 25...185 mm ²			

Type	Qty.	Order No.
WFF 185 NFF	2	1049250000

Type	Qty.	Order No.
WQL 2 WFF185	353 A 5	1065200000
WQL 3 WFF185	353 A 5	1065700000
WZAF 185	32 A 10	1066400000
WTW WFF185/300	10	1067400000
WEW 35/1	50	1059000000
WAH 185/300 BE	10	1064760000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

WAH 185/300 in blue, Order no. 1064780000



WFF 300

300 mm²

Screw thread M16



55 x 163 x 85.5
520 / 300
25...300

IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
520	500	510	452
300	AWG 6...600	AWG 6...600	300 mm ²
8 kV / 3			
/ V-0			
CE			
KEMA 98ATEX1684 U			
25...240 mm ² / 25 to 240 mm ²			
50...300 mm ² / 50...300 mm ²			

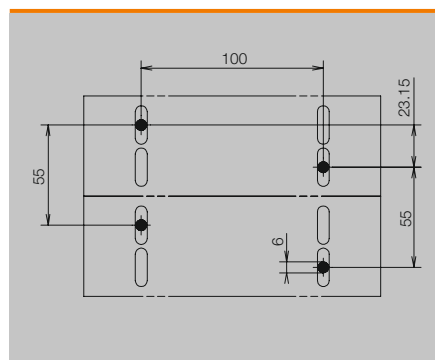
1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.

Type	Qty.	Order No.
WFF 300	4	1028700000
WFF 300/AH	2	1029700000

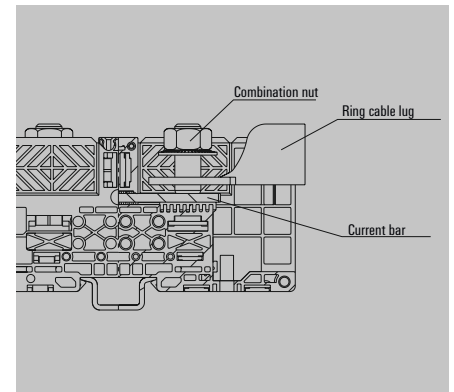
1000 VDC rated voltage tested.

Type	Qty.	Order No.
WQL 2 WFF300	520 A 5	1065300000
WQL 3 WFF300	520 A 5	1065800000
WZAF 300	32 A 10	1066500000
WTW WFF185/300	10	1067400000
WEW 35/1	50	1059000000
WAH 185/300 BE	10	1064760000
WD 1 25 K KARTE A 6 ST	5	1563900000
WS 12/6.5 MC NE WS	540	1609920000

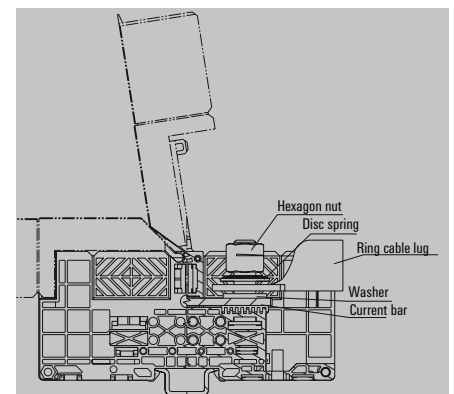
WAH 185/300 in blue, Order no. 1064780000



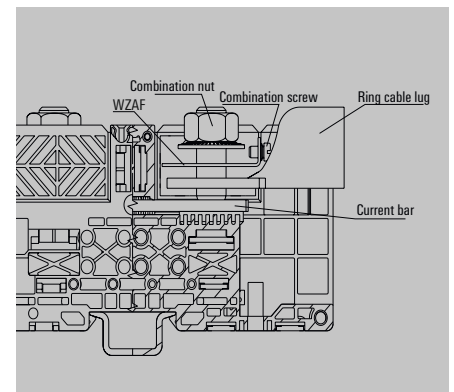
Stud connection series WFF



Stud connection series WFF NFF

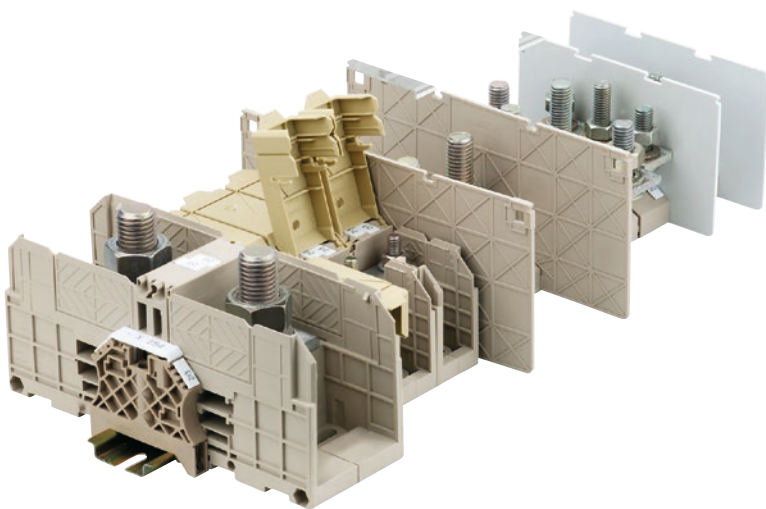


Auxiliary/control line connection WZAF



Stud terminals – Accessories

Series WF and WFF



Electrical distribution



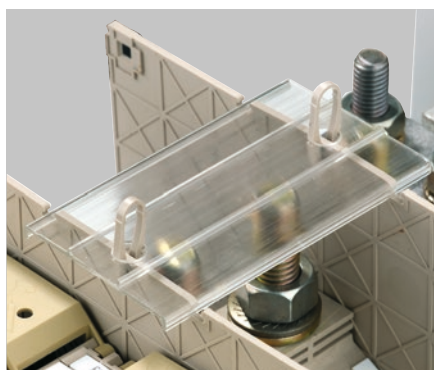
Electrical distribution can be realised between neighbouring stud terminals easily with 2 and 3 poles cross-connections. Cross-connections are also available for different thread sizes from M6 to M8 or M10. In the WFF two-stud terminals, firstly the partition plates have to be removed between the clamped supports. The thin web of material means they can be broken out easily to fit.

Shock protection



The two-stud terminals in the WF-Series offer, with an integrated hinge cover, a high degree of finger safety. When closed, the cover locks onto the terminal and protects the contact from accidental contact.

Shock protection / partition plates



Shock protection in the WF-Series is provided by partition plates WTW and transparent cover strips ADP. The cover strips are locked into the guides of the partition plates and held with clips to prevent them slipping to the side. Partition plates ensure compliance with the rated voltages:

- Voltage range up to 1000 V with partition plate WTW WF
- Voltage range up to 2300 V for WF with epoxy partition plate WTW WF 2300

Connection



Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. A normal open-ended spanner can be used to tighten the hex screw and complete installation.

Potential distribution from stud terminal blocks M10 to 2 x M6

The potential distribution between adjacent stud terminal blocks can be implemented simply using 2- and 3-pole cross-connections, please consult products in the stud terminal chapter.
Reduced cross-sections are required for special applications. These so-called cross-connection lugs are offered accordingly for varying thread sizes from M6 to M10 with a wide range of combinations.

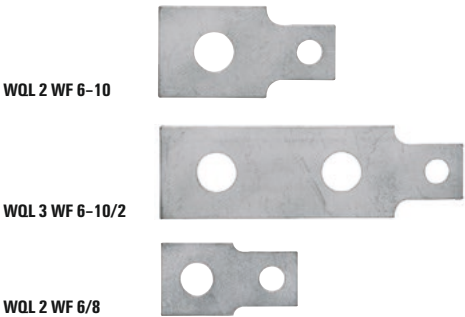


Ordering data

Type	Qty.	Order No.
SMSE WF10/2XM6	10	1868880000

Note	Hole diameter: 10 mm for M10 studs Stud terminals: WF 10... and WFF 120. The rated current is dependent on the test set-up.
------	--

WQL special cross-connection lugs for WF



Ordering data

Type	Depth	current	Clamping screw	Terminal screw, additional connection	Qty.	Order No.
WQL 2 WFF6-10	4 mm	125 A	M 6	M 10	5	1806620000
WQL 3 WFF6-10/2	4 mm	125 A	M 6	M 10	5	1806640000
WQL 2 WFF6-8	4 mm	125 A	M 6	M 8	5	1808980000
WQL 4 WFF8-6/3	4 mm	24 A	M 8	M 6	5	1904960000
Note						



Screw connection with stud technology

Accessories

WF - cross-connections for WF and WFF



Type	Poles	current	Qty.	Order No.
WF 5				
WQL 2 WF5	2	101 A	5	1812710000
WQL 3 WF5	3		5	1812740000
WF 6 & WF 6/2BZ				
WQL 2 WF6	2	125 A	5	1780970000
WF 8 & WF 8/2BZ				
WQL 2 WF8	2	150 A	5	1780990000
WQL 3 WF8	3	150 A	5	1781000000
WF 10 & WF 10/2BZ				
WQL 2 WF10	2	265 A	5	1781010000
WQL 3 WF10	3	265 A	5	1781020000
WF 12				
WQL 2 WF12	2	265 A	5	1781030000
WQL 3 WF12	3	265 A	5	1781040000
WFF 35				
WQL 3 WFF35	3	150 A	5	1065400000
WFF 70				
WQL 3 WFF70	3	232 A	5	1065500000
WFF 120				
WQL 3 WFF120	3	309 A	5	1065600000
WFF 185				
WQL 3 WFF185	3	415 A	5	1065700000
WFF 300				
WQL 3 WFF300	3	520 A	5	1065800000
WF 6 & WF 6/2BZ				
WQL 3 WF6	3	125 A	5	1780980000
WF 10 & WF 10/2BZ				
WQL 4 WF10	4		5	1027840000
WFF 35				
WQL 2 WFF35	2	150 A	5	1064900000
WFF 70				
WQL 2 WFF70	2	232 A	5	1065000000
WFF 120				
WQL 2 WFF120	2	309 A	5	1065100000
WFF 185				
WQL 2 WFF185	2	415 A	5	1065200000
WFF 300				
WQL 2 WFF300	2	520 A	5	1065300000

WF-Series partition plates



Type	Colour	Width	Qty.	Order No.
WTW WF6-WF12	dark beige	2.5 mm	20	1781240000
WTW WF6	dark beige	3 mm	20	1781220000
WTW WF8	dark beige	3 mm	20	1780900000
WTW WF10/WF12	dark beige	3 mm	20	1780890000

WFF-Series partition plates



Type	Colour	Width	Qty.	Order No.
WTW WFF35	grey	2 mm	10	1067100000
WTW WFF70	grey	2 mm	10	1067200000
WTW WFF120	grey	2 mm	10	1067300000
WTW WFF185/300	grey	2 mm	10	1067400000

WFF series cover hoods



Type	Colour	Width	Qty.	Order No.
WAH 35	beige	26 mm	20	1064460000
WAH 70 BE	beige	31 mm	20	1064560000
WAH 120	beige	41 mm	20	1064660000
WAH 185/300 BE	beige	54 mm	10	1064760000

WF-Series 2300 V partition plates



Type	Colour	Width	Qty.	Order No.
WTW WF6 2300	grey	2 mm	20	1781230000
WTW WF8 2300	grey	2 mm	20	1780910000
WTW WF10/WF12 2300	grey	2 mm	20	1780920000

Warning triangle for power supply terminal blocks

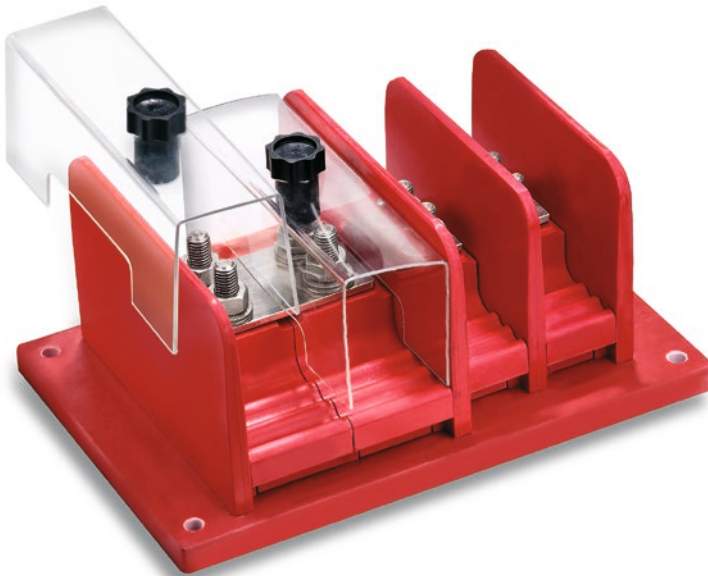


Type	Colour	Width	Qty.	Order No.
WD 1 25 K KARTE A 6 ST		20.5 mm	5	1563900000



Stud terminals

Series ST 4000



For especially high electric and mechanical demands

- Voltage ranges up to 4000 V and currents up to 415 A
- For extreme requirements, especially in railway applications

Shock protection



Stud terminals in the ST 4000 series offer an ideal cover for every version. The polycarbonate cover is placed between the partition plates and fastened to the stud with the plastic-coated fixing nut.

Fixing nuts are available to fit every stud size.

Potential distribution



When two neighbouring ST 4000 terminals have the same current, cross-connectors are fitted instead of the busbar.

The pairs of holes in the cross-connection are rated exactly to the spacing of ST 4000.

Here the partition plate has to be replaced by the connecting piece ST 4000/S C130 or ST 4000/L C160.

Cross-connections are available as 2-, 3-, or 4-poles.

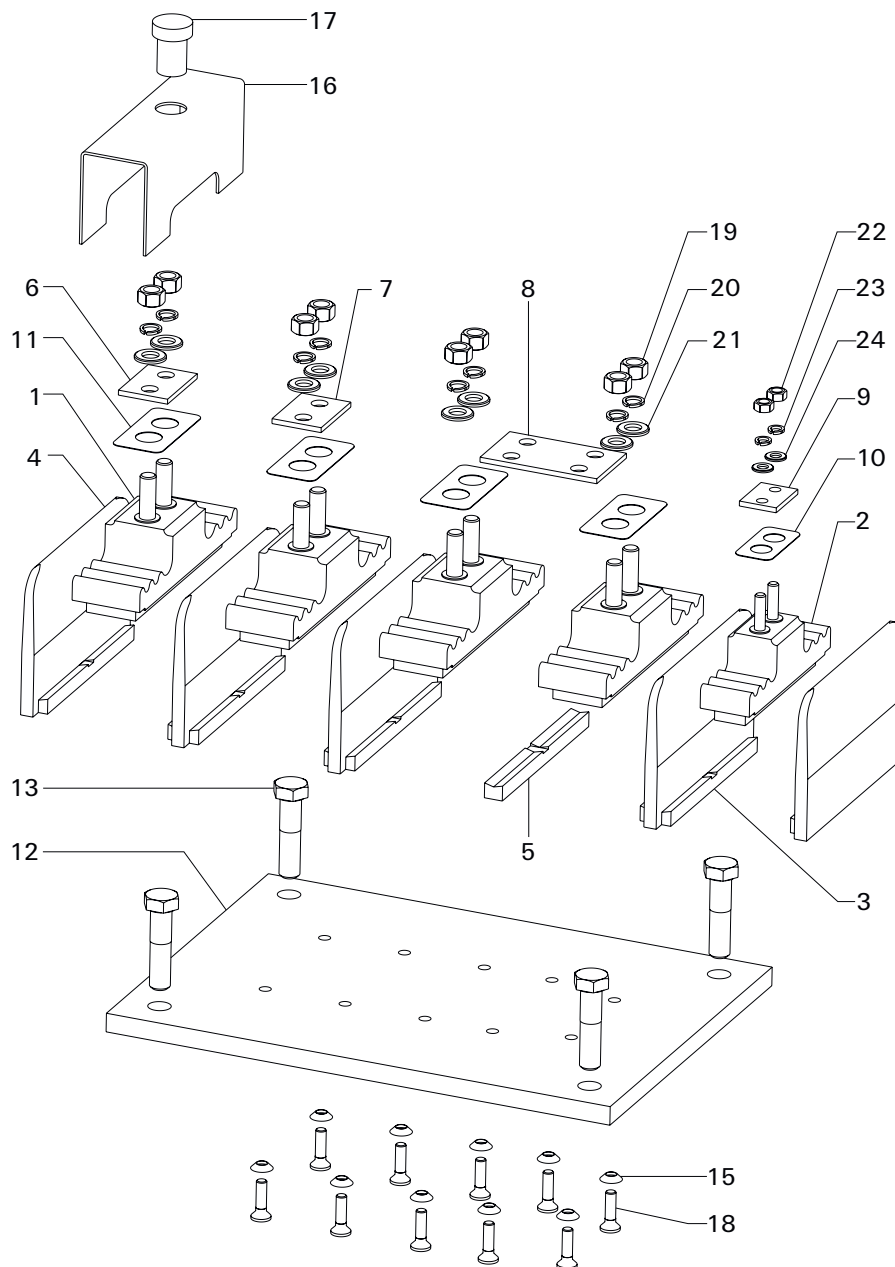
Connection



Couldn't be easier: the cable lugs are placed on the stud with the washer and toothed washer on top. Tighten the steel hexagonal nut to ensure good contact between cable lug and busbar.

The same principle applies when two cable lugs contact on one stud or slotted hole cable lugs are used.

Slotted hole cable lugs can also be placed over both studs.



Modular System

- 1 Stud terminal ST 4000/L (large)
- 2 Stud terminal ST 4000/S (small)
- 3 Partition
- 4 Endplate
- 5 Coupling block
- 6/7/9 Current bar
- 8 Cross connection
- 10/11 Marking plate
- 12 Insulating mounting base (customerspecific)
- 13 Studs and washers for the insulating mounting base (not part of the delivery)
- 15/18 Studs and washers to fix the terminals on the insulating mounting base
- 19-24 Studs and washers (Fa. Teckentrup)

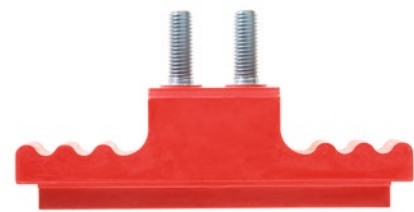


A.358 **Weidmüller** 2737890000

ST 4000/L M12

240 mm²

Screw thread M12



55 x 180 x 56

560 / 240

16...240

EN 45545-2:2020, NFPA 130 ASTM E 162/ 662, BSS 7239/ 7242

IEC	UL	CSA	EN 60079-7
4000			
560			
240			
	25 kV / 3		
	/ V-0		

16...240 mm²

35 Nm

Rated voltage when using cable lugs according to DIN 46235

Type	Qty.	Order No.
ST 4000/L M12 F	1	2743200000
ST 4000/L M12	1	2563880000
1000 VDC rated voltage tested.Weidmüller produces drawings of the customer-specific ST 4000 application.		

Type	Qty.	Order No.
ST 4000/L J2 M12	1	2564100000
ST 4000/L J3 M12	1	2564110000
ST 4000/L J4 M12	1	2564120000
ST 4000/L CB M12/6	1	2564000000
ST 4000/L C160	1	2563940000
ST 4000/L P180	1	2563900000
ST 4000/L E180	1	2563920000
ST 4000/L S180	1	2564180000

For assembly planning and accessories, please contact our customer-specific solutions division. Also see Chapter V – Weidmüller Solutions & Services.





Screw connection with stud technology
Feed-through terminal blocks – HV 2700 and HV 4000

HV2700/2-M12 F185 mm²

Screw thread M12



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm²

Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque, max.	
Note	

Ordering data

Version
with inner thread
Note

180 x 220 x 90			
600 / 185			
10...185			
EN 45545-2:2020, NFPA 130 ASTM E			
162/ 662, BSS 7239/ 7242			
IEC	UL	CSA	EN 60079-7
2700			
600			
185			
	25 kV / 3		
	/ V-0		
10...185 mm²			
35 Nm			
In projects up to 1000 A rated current possible.			

Type	Qty.	Order No.
HV2700/2-M12 F	1	2540680000

HV2700/3-M12 F185 mm²

Screw thread M12



240 x 220 x 90
600 / 185
10...185

EN 45545-2:2020, NFPA 130 ASTM E			
162/ 662, BSS 7239/ 7242			
IEC	UL	CSA	EN 60079-7
2700			
600			
185			
	25 kV / 3		
	/ V-0		
10...185 mm²			
35 Nm			
In projects up to 1000 A rated current possible.			

Type	Qty.	Order No.
HV2700/3-M12 F	1	2540690000

For detailed information on other accessories and application in the online catalogue

HV4000/2-M12 F

240 mm²

Screw thread M12



180 x 220 x 96.1
600 / 240
10...240

EN 45545-2:2020, NFPA 130 ASTM E
162/ 662, BSS 7239/ 7242

IEC	UL	CSA	EN 60079-7
4000			
600			
240			
30 kV / 3			
/ V-0			

10...240 mm²

65 Nm

In projects up to 1000 A rated current possible.

HV4000/3-M12 F

240 mm²

Screw thread M12



240 x 220 x 96.1
600 / 240
10...240

EN 45545-2:2020, NFPA 130 ASTM E
162/ 662, BSS 7239/ 7242

IEC	UL	CSA	EN 60079-7
4000			
600			
240			
30 kV / 3			
/ V-0			

10...240 mm²

65 Nm

In projects up to 1000 A rated current possible.

For assembly planning and accessories, please contact our customer-specific solutions division. Also see Chapter V – Weidmüller Solutions & Services.






Type	Qty.	Order No.
HV4000/2-M12 F	1	2496040000

Type	Qty.	Order No.
HV4000/3-M12 F	1	2496050000



Application range

Application range	Application fields in the panel	
	Application fields in the panel	B.2
Power feed-in		B.4
	PUSH IN connection	B.6
	Screw connection	B.24
Power distribution		B.46
	Hybrid connection	B.48
	Screw connection	B.50
	PUSH IN connection	B.90
	Tension clamp connection	B.91
Control voltage distribution		B.94
	PUSH IN connection	B.96
Instrument transformer wiring		B.122
	TTB Range	B.124
	Tension clamp connection	B.146
	Screw connection	B.148
	Threaded stud connection	B.168
Signal wiring		B.170
	PUSH IN connection	B.172
	Tension clamp connection	B.174
	Screw connection	B.176
Signal marshalling		B.180
	PUSH IN connection	B.182
	Screw connection	B.186
Shielding and earthing		B.196
	Shield clamping saddle	B.202
	Potential equalisation terminal block	B.216
	Functional earth	B.219
	Earth conductor disconnect terminals	B.234
Building installation wiring		B.236
	PUSH IN connection	B.238
	Tension clamp connection	B.278
	Screw connection	B.286

Panel building requires innovative ideas

Klippon® Connect delivers pioneering connectivity solutions

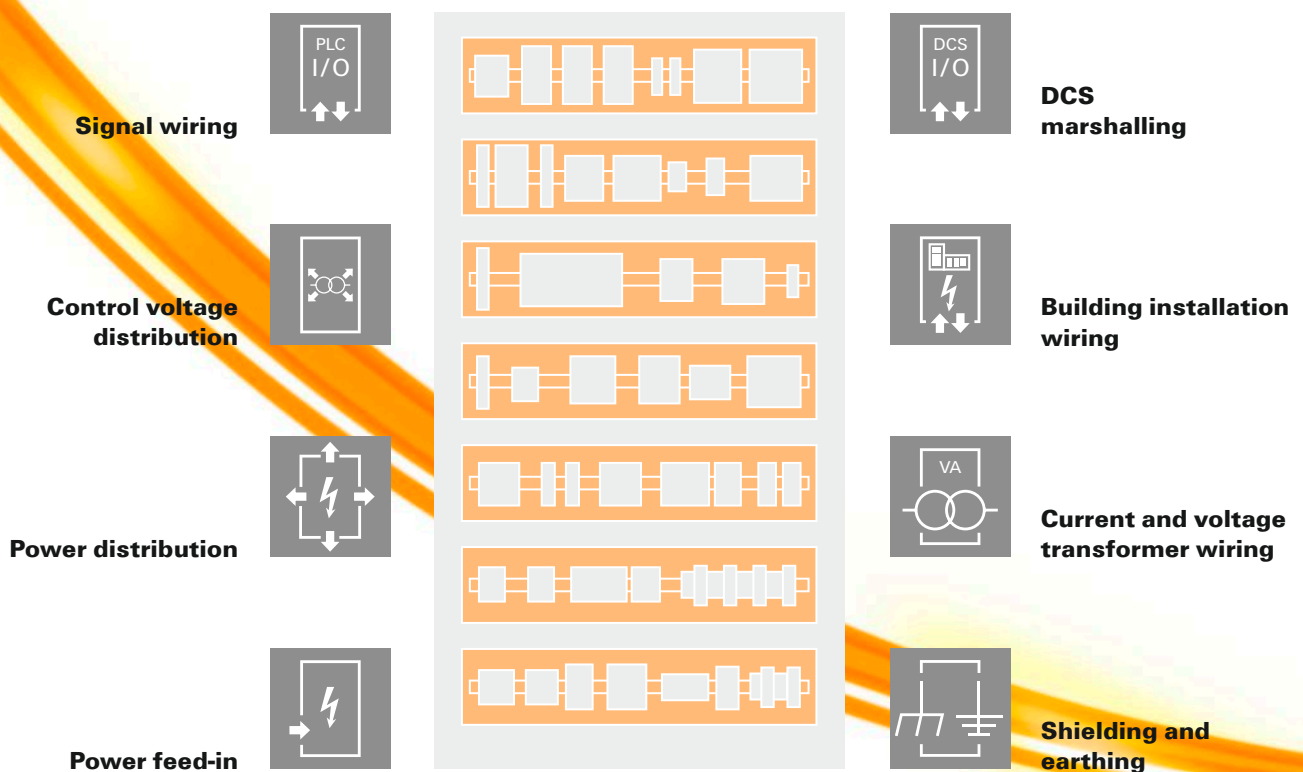
While panels are indeed configured individually, various recurring application fields within the panel are a permanent fixture in almost all industries.

We have identified and developed special solutions for these application fields. By purposefully structuring and adapting the product functions to the respective requirements, our needs-based application products decisively help to boost your productivity, efficiency and safety at all stages of the panel building process.

Our promise

Our tailored application range guarantees substantial efficiency benefits at every individual stage of the process and leads to unbeatable productivity gains in your panel building operations.

B





Power feed-in

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.



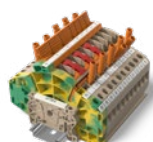
Power distribution

You safely and efficiently distribute electricity to the power consumers with our W-Series feed-through terminal blocks and our optimised WPD phase distribution blocks.



Control voltage distribution

Our tailored AAP potential distribution terminal blocks are ideal for surge current protection and central control voltage distribution. Meanwhile, our new maxGUARD range enables potential distribution with integrated electronic load monitoring in the smallest of installation spaces.



Current and voltage transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.



Signal wiring

Tailored and particularly compact: with our AIO initiator/actuator terminal blocks, you are relying on an application-optimised solution for signal wiring. We also offer you other terminal blocks featuring spring and screw connection technology for signal wiring.



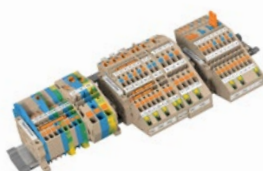
Signal marshalling

Our innovative PRV terminal blocks for Signal marshalling featuring a PUSH IN connection and our multifunctional Signal marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.



Shielding and earthing

Our protective earth conductor and shielding terminals featuring different connection technologies allow you to effectively protect both people and equipment from interference, such as electrical or magnetic fields. A comprehensive range of accessories rounds off our range.

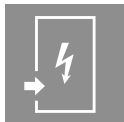


Building installation wiring

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

Reliable and efficient power supply

Really convenient with Klippon® Connect

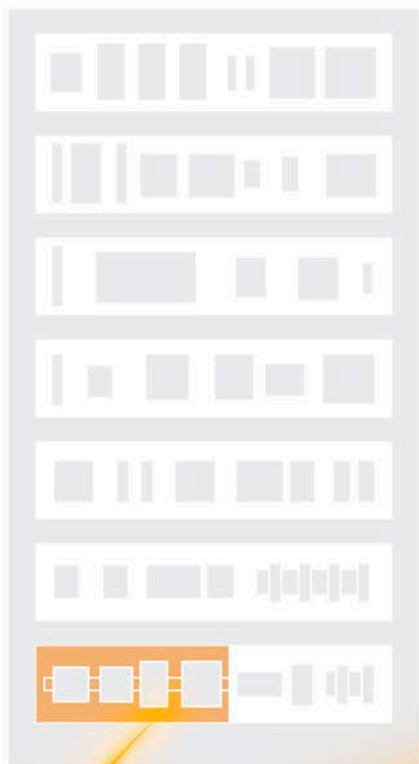


More and more components need to be housed in switchgear and panels within a confined space. As part of the power feed-in, connecting conductors is becoming increasingly challenging, especially for large cross-sections. Our comprehensive range of connection solutions also enables convenient wiring in challenging space conditions. The compact design and the combination of many practical handling benefits make the supply of power to switchgear and panels simple, efficient and space-saving.

Our promise

The feed-in of power to switchgear and panels is much easier with Klippon® Connect: our connection solutions ensure reduced wiring work and efficient processes. The compact design means you save space and money, whilst increasing productivity on a sustainable basis.

B



**Space saving**

- Small size of "W Compact" saves space in the panel
- Consistent design makes planning easier and reduces the amount of accessories required
- Conductors of the same cross-section can easily be connected to a single clamping yoke

Flexibility

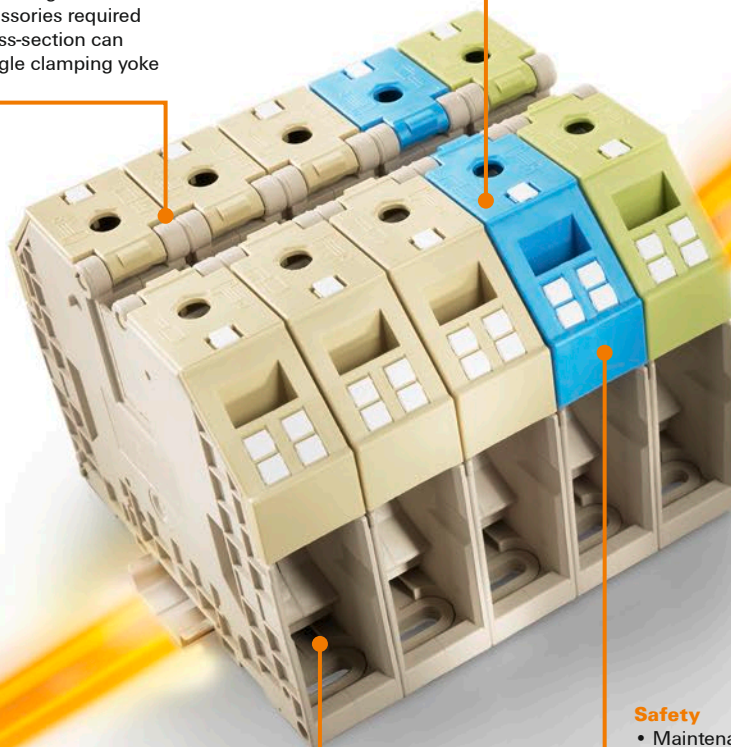
- Best connections in standard and compact models
- Can be clipped onto or removed from the terminal rail in either direction

Safety

- Maintenance-free connection without tightening the clamping screw
- Mis-connection protection to ensure safe insertion of the conductor

Time saving

- Reduced wiring times, as the terminal blocks are always delivered with clamping yoke open

**Our range****Wide range – safe connections:**

In confined spaces, our compact terminal blocks with proven clamping yoke technology increase convenience and enable perfect connections. The strong force of the clamping yoke spring ensures vibration-resistant contacting and compensates for the relaxation in the connected conductor.

**Cost-effective and robust:**

Under harsh environmental conditions with high levels of vibration and shock, such as in traffic engineering, our terminal blocks using stud technology offer excellent safety. With robust workmanship and flexible accessories, our stud terminals meet the requirements for safe, reliable power transfer.

Reliable and efficient power supply

Klippon® Connect A2C 35 high-current terminal blocks

The industrial environment requires more and more flexible and efficient wiring of power consumers, without compromising a consistently high level of process reliability.

Our new A2C 35 high-current terminal blocks meet these requirements. The PUSH IN-Power connection and many other features enable safe and efficient wiring. They are available in a wide range of variants, including for the DIN rail, for direct mounting on mounting plates, and pre-assembled blocks for different network systems.



Find out more:

Discover all the details in the video. The new high-current terminal blocks A2C 35 with PUSH IN-Power connection:
www.weidmueller.com/pushin-power

More on the benefits Klippon® Connect provides in planning, installation and operation:
www.klippon-connect.com



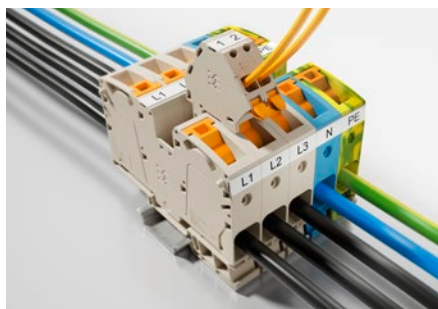
Pre-assembled blocks

Pre-assembled feed-in blocks for each network system reduce the number of variants and storage costs. This supports installation on the standard DIN rail or direct fixation on the mounting plate using an integrated foot bracket.

Innovative PUSH IN-Power connection

With the innovative PUSH IN-Power connection several compression springs provide a safe, gas-tight and vibration-proof Connection of the conductor. The mechanism provides high clamping forces with low operation forces for optimal operation. A uniformly scaled system, which can be found in the cross-sections of 35 mm² to 185 mm² ensures maximum contact forces. Precisely matched accessories such as screwdrivers simplify wiring and installation. (Order No. 2749380000)





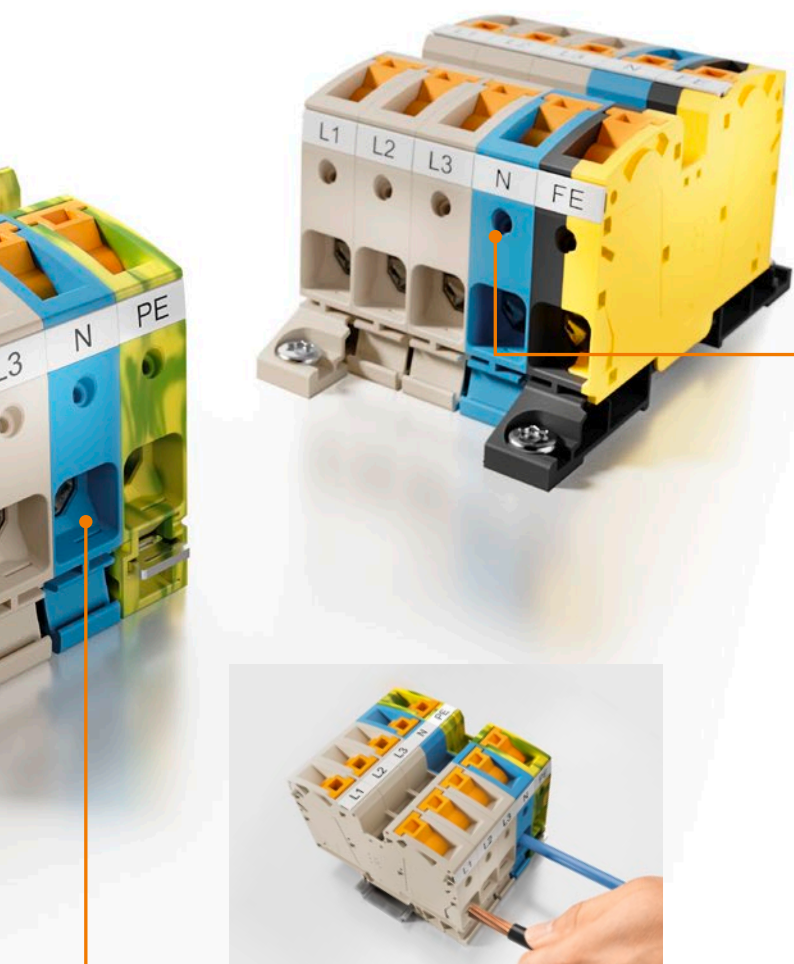
Additional connection for emergency power supply

The additional connection enables a separate voltage tap. One possible use is as an emergency power supply upstream of the main switch. The lever mechanism enables toolless wiring of flexible conductors.



Efficient potential distribution

Step-down bridges allow potential distribution to cross-sections of 10 mm² and 16 mm². Additional power distributions implement quickly into the panel while avoiding additional wiring.



Standardised testing options

A standard 2.0 mm diameter test tap allows easy and fast testing. Standardised accessories guarantee use in the cross-section ranges from 1.5 mm² to 185 mm² and ensure a streamline portfolio of accessories.



Tool-free wiring

Proven PUSH IN technology and therefore simple and fast wiring are now also available in cross-section ranges above 16 mm². When the lever is closed, the rigid stranded conductor can be plugged in directly and tool-free, thus guaranteeing reliable contacting.



Identification of external voltage

Large-area marker tags direct attention to an external voltage applied. The attachment of the flash markers in the connection ranges from 35 mm² to 185 mm² additionally prevent wiring in live condition. This ensures greater safety for man and machine.

Power feed-in PUSH IN connection

Terminal blocks for rail mounting



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
	yellow/black
Note	

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

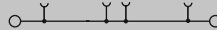
A2C 35

35 mm²

16 x 101.5 x 71.5

125 / 35

2.5...35



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
125	113		105
35	AWG 12...2		35 mm ²
8 kV / 3			
/ V-0			
TUEV16ATEX7909U			
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
25 / 1.0 x 5.5 mm			

A2C 35 FE

35 mm²

16 x 101.5 x 71.5

125 / 35

2.5...35



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
125			105
35	AWG 12...2		35 mm ²
8 kV / 3			
/ V-0			
TUEV16ATEX7909U			
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
25 / 1.0 x 5.5 mm			

Type	Qty.	Order No.
A2C 35	10	2551510000
A2C 35 BL	10	2552090000

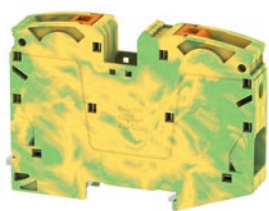
Type	Qty.	Order No.
A2C 35 FE	10	2551530000

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	42 A 5	2583090000
AAC 35 2X6 BL	42 A 5	2583170000
AAC 35 2X6 BK-YL	42 A 5	2583190000
AAC 35 2X6 GN-YL	5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	42 A 5	2583090000
AAC 35 2X6 BL	42 A 5	2583170000
AAC 35 2X6 BK-YL	42 A 5	2583190000
AAC 35 2X6 GN-YL	5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

For detailed information on other accessories and application in the online catalogue

A2C 35 PE

35 mm²

16 x 101 x 71.5
/ 35
2.5...35



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000	1000		
35	AWG 12...2		35 mm ²
/ 3			
/ V-0			



TUEV16ATEX7909U

Rated connection

2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 PE	10	2551520000

Type	Qty.	Order No.
AAC 35 2X6 GN-YL	5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
WS-A 8/16 MM WS	200	2619910000

A2C 35 DM

35 mm²

16 x 135 x 71.5
125 / 35
2.5...35



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
125	113		105
35	AWG 12...2		35 mm ²
8 kV / 3			
/ V-0			



TUEV16ATEX7909U

Rated connection

2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 DM	10	2551550000
A2C 35 BL DM	10	2552150000

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	42 A 5	2583090000
AAC 35 2X6 BL	42 A 5	2583170000
AAC 35 2X6 BK-YL	42 A 5	2583190000
AAC 35 2X6 GN-YL	5	2583180000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 35 FE DM

35 mm²

16 x 135 x 71.5
125 / 35
2.5...35



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
125			105
35	AWG 12...2		35 mm ²
8 kV / 3			
/ V-0			



TUEV16ATEX7909U

Rated connection

2.5...16 / 10...35
10...35 / 2.5...35
25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 FE DM	10	2552160000

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	42 A 5	2583090000
AAC 35 2X6 BL	42 A 5	2583170000
AAC 35 2X6 BK-YL	42 A 5	2583190000
AAC 35 2X6 GN-YL	5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000



Power feed-in PUSH IN connection

Terminal blocks for rail mounting



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	dark beige, blue
	dark beige, black/yellow
	dark beige, blue, black/yellow
	dark beige, green/yellow
	dark beige, blue, green/yellow
Note	

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

A2C 35 3FT

35 mm²

48 x 101.5 x 71.5	
125 / 35	
2.5...35	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
125	113		105
35	AWG 12...2		35 mm ²
8 kV / 3			
/ V-0			
TUEV16ATEX7909U			
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
25 / 1.0 x 5.5 mm			

Type	Qty.	Order No.
A2C 35 3FT	1	2552100000
A2C 35 3FT-N	1	2552130000

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	42 A 5	2583090000
AAC 35 2X6 BL	42 A 5	2583170000
AAC 35 2X6 BK-YL	42 A 5	2583190000
AAC 35 2X6 GN-YL	5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 35 3FT-FE

35 mm²

64 x 101.5 x 71.5	
125 / 35	
2.5...35	

IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000	1000		880
125	113		105
35	AWG 12...2		35 mm ²
8 kV / 3			
/ V-0			
TUEV16ATEX7909U			
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
25 / 1.0 x 5.5 mm			

Type	Qty.	Order No.
A2C 35 3FT-FE	1	2552110000
A2C 35 3FT-N-FE	1	2552140000

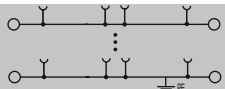
Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	42 A 5	2583090000
AAC 35 2X6 BL	42 A 5	2583170000
AAC 35 2X6 BK-YL	42 A 5	2583190000
AAC 35 2X6 GN-YL	5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

For detailed information on other accessories and application in the online catalogue

A2C 35 3FT-PE

35 mm²

80 x 101.5 x 71.5
125 / 35
2.5...35



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000	1000		880
125	113		105
35	AWG 12...2		35 mm ²

8 kV / 3

/ V-0



TUEV16ATEX7909U

Rated connection

2.5...16 / 10...35

10...35 / 2.5...35

25 / 1.0 x 5.5 mm

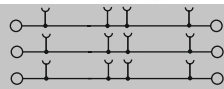
Type	Qty.	Order No.
A2C 35 3FT-PE	1	2552120000
A2C 35 3FT-N-PE	1	2551540000

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	42 A 5	2583090000
AAC 35 2X6 BL	42 A 5	2583170000
AAC 35 2X6 BK-YL	42 A 5	2583190000
AAC 35 2X6 GN-YL	5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 35 3FT DM

35 mm²

48 x 135 x 71.5
125 / 35
2.5...35



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		880
125	113		105
35	AWG 12...2		35 mm ²

8 kV / 3

/ V-0



TUEV16ATEX7909U

Rated connection

2.5...16 / 10...35

10...35 / 2.5...35

25 / 1.0 x 5.5 mm

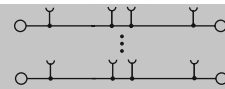
Type	Qty.	Order No.
A2C 35 3FT DM	1	2552170000
A2C 35 3FT-N DM	1	2552190000

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	42 A 5	2583090000
AAC 35 2X6 BL	42 A 5	2583170000
AAC 35 2X6 BK-YL	42 A 5	2583190000
AAC 35 2X6 GN-YL	5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 35 3FT-FE DM

35 mm²

64 x 135 x 71.5
125 / 35
2.5...35



IEC 60947-7-1, IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
1000	1000		880
125	113		105
35	AWG 12...2		35 mm ²

8 kV / 3

/ V-0



TUEV16ATEX7909U

Rated connection

2.5...16 / 10...35

10...35 / 2.5...35

25 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 35 3FT-FE DM	1	2552180000
A2C 35 3FT-N-FE DM	1	2552200000

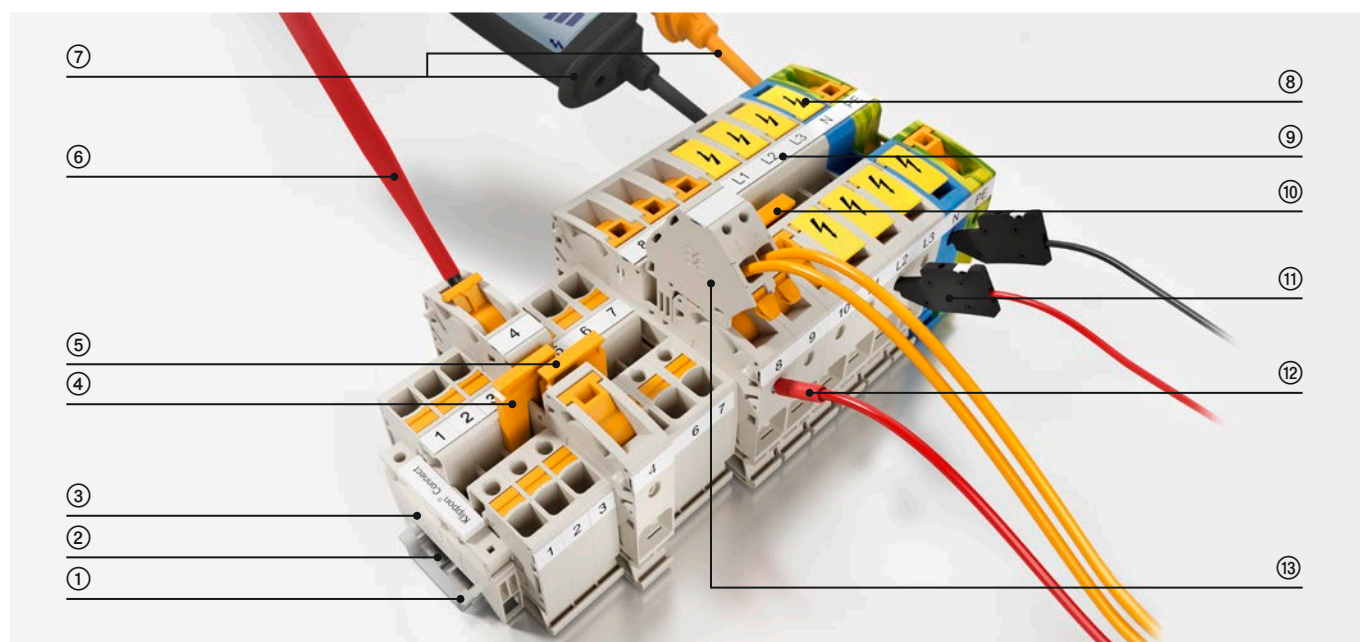
Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	42 A 5	2583090000
AAC 35 2X6 BL	42 A 5	2583170000
AAC 35 2X6 BK-YL	42 A 5	2583190000
AAC 35 2X6 GN-YL	5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

Mounting in compliance with norms

Thanks to precisely matched accessories

When assembling terminal blocks and equipping panels you must be able to rely on the fact, that the accessories are also perfectly matched. Only then can the processes run smoothly and productively. Correspondingly there are high requirements for mounting rails, cross-connections and cover plates as well as additional connections. They must comply with numerous norms and protective provisions.

The comprehensive accessories of the Klippon® Connect portfolio are perfectly matched down to the last detail. This facilitates mounting while adhering to required norms.



Sample image	Designation	Type	Rated voltage	Rated current	Measurements	Colour	Qty.	Best.-Nr.
1	End plate terminal rail	TS END CAP 35X7.5			35 x 7.5 x 4 mm	grey	100	1283470000
2	Terminal rail	TS 35X7.5/LL 2M/ST/ZN			35 x 7.5 x 2000 mm	silver	2	0514500000
3	End bracket	AEB 35 SC/1			8 x 58 x 36 mm	dark beige	50	1991920000
4	Step-down bridges	ZQV 35N-10	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	2562670000
5	Step-down bridges	ZQV 35N-16	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	2562660000
6	Screwdriver	SDS 1.0X5.5X150			1.0 x 5.5 x 150 mm	black/orange	1	2749380000
7	Voltage tester	VT DIGI PRO	1000 V AC / 1000 V DC		264 x 33 x 67 mm	black/orange	1	9918870000
8	Warning cover	AAM 35-185 YE FLASH			55 x 55 x 55 mm	yellow	40	2635600000
9	Terminal marker	WS 8/5 MC NE WS			8 x 5 mm	white	720	1640740000
10	Cross-connector	ZQV 35N/2	1000 V AC / 1500 V DC	70 A	55 x 55 x 55 mm	orange	20	2634950000
11	Test adapter	ATPG 1.5-10 L	250 V AC / 250 V DC	0.2 A	55 x 55 x 55 mm	black	50	1991890000
12	Test probes	PS 2.0 MC	250 V AC / 250 V DC	0.2 A	55 x 55 x 55 mm	red	20	0310000000
13	Additional test point	AAC 35 2X6	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	dark beige	10	2583090000
13	Additional test point	AAC 35 2X6 BL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	blue	10	2583170000
13	Additional test point	AAC 35 2X6 BK-YL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	black/yellow	10	2583190000
13	Additional test point	AAC 35 2X6 GN-YL	1000 V AC / 1500 V DC	42 A	55 x 55 x 55 mm	green/yellow	10	2583180000

B



Reliable and efficient power subbly

Klippon® Connect high current terminal blocks for optimal energy supply

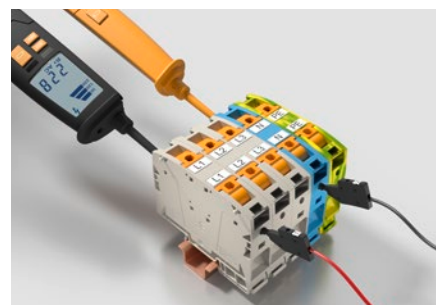
The industrial environment requires more and more flexible and efficient wiring of power consumers, without compromising a consistently high level of process reliability.

Our new high-current terminal blocks meet these requirements. The PUSH IN-Power connection and many other features enable safe and efficient wiring. They are available in a wide range of variants, including for the DIN rail, for direct mounting on mounting plates, and pre-assembled blocks for different network systems.



Pre-assembled blocks

Pre-assembled feed-in blocks for each network system reduce the number of variants and storage costs. This supports installation on the standard DIN rail or direct fixation on the mounting plate using an integrated foot bracket.

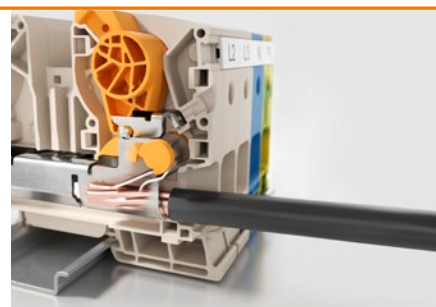
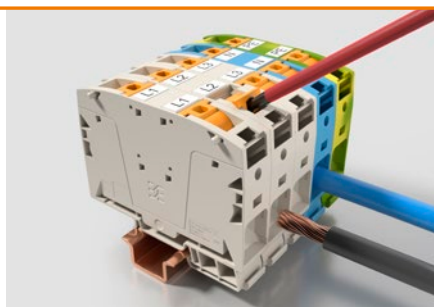


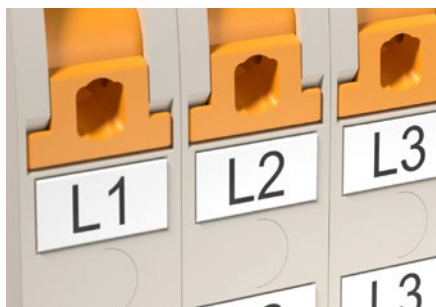
Standardised testing options

A standard 2.0 mm diameter test tap allows easy and fast testing. Standardized accessories guarantee use in the cross-section ranges from 1.5 mm² to 185 mm² and ensure a streamline portfolio of accessories.

Innovative PUSH IN-Power connection

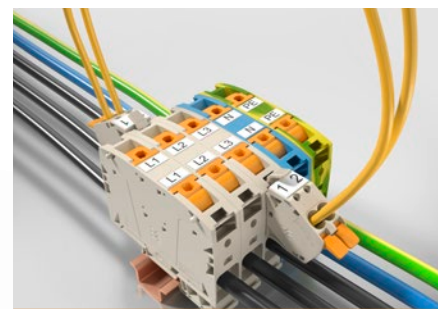
With the innovative PUSH IN-Power connection, several compression springs ensure safe, gastight, and vibration resistant connection of the wire. The connection system with similar scaled mechanism inside the cross section from 35 mm² up to 185 mm² provides high clamping forces with low operation forces for optimal operation. The comprehensive accessories of the Klippon® Connect portfolio are perfectly matched down to the last detail like our screwdriver (order number: 2749380000).





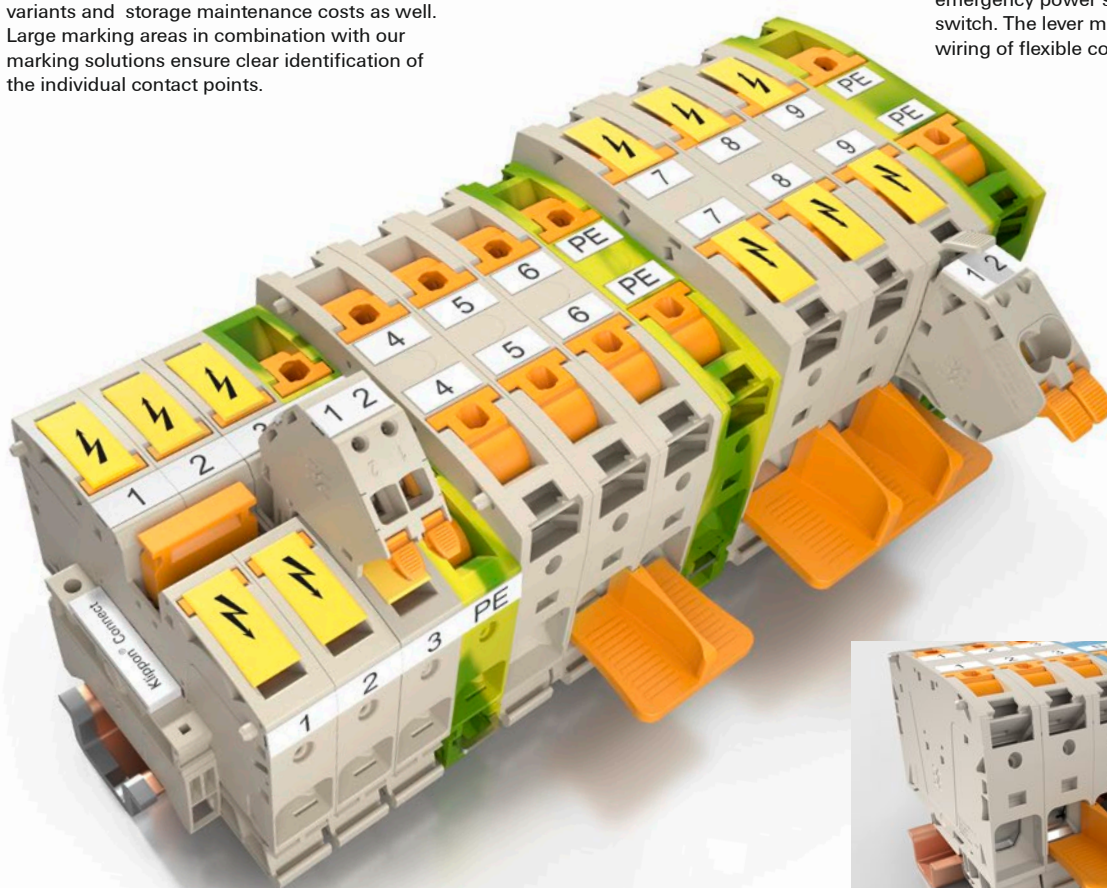
Standardised marking system

A standardized marking system for all terminal blocks from 35 mm² up to 185 mm² reduced variants and storage maintenance costs as well. Large marking areas in combination with our marking solutions ensure clear identification of the individual contact points.



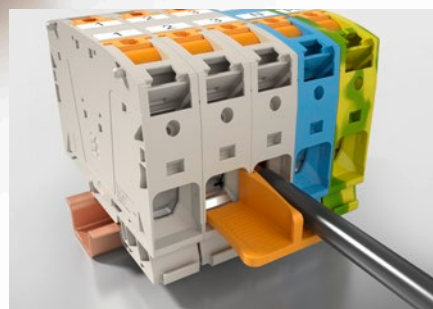
Additional connection for emergency power supply

The additional connection for the cross section from 50 mm² up to 185 mm² enables a separate voltage tap. One possible use is as an emergency power supply upstream of the main switch. The lever mechanism enable tool less wiring of flexible conductors.



Identification of external voltage

Large-area marker tags direct attention to an external voltage applied. Fixation of the flash markers in the connection areas of 35 mm² to 185 mm² also prevents circuitry in the live state. This ensures greater safety for man and machine.



Efficient potential distribution

The cross connections could be installed tool less by latching the wire inside the connection point. The electrical contact will be given with or without a cable inside the connection point. Thanks to their special design, they could be easily identified with or without any conductor connection.

Power feed-in PUSH IN connection

Terminal blocks for rail mounting



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
	yellow/black
Note	

Accessories

Cross connections insertable	
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

For detailed information on other accessories and application in the online catalogue

A2C 50/70

50 mm²



20 x 101.5 x 80.5	
150 / 70	
10...70	

IEC 60947-1

IEC	UL	CSA	EN 60079-7
1000	1000		
150	175		
50	AWG 8...0		
8 kV / 3			
/ V-0			
Rated connection			
10...70 / 10...70			
10...70 / 10...50			
30 / 1.0 x 5.5 mm			

Type	Qty.	Order No.
A2C 50/70	5	2663250000
A2C 50/70 BL	5	2663260000

Type	Qty.	Order No.
ZQV 50/70N/2	150 A 10	2663400000
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 50/70 FE

50 mm²



20 x 101.5 x 80.5	
150 / 70	
10...70	

IEC 60947-1

IEC	UL	CSA	EN 60079-7
1000	1000		
150			
50	AWG 8...0		
8 kV / 3			
/ V-0			
Rated connection			
10...70 / 10...70			
10...70 / 10...50			
30 / 1.0 x 5.5 mm			

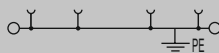
Type	Qty.	Order No.
A2C 50/70 FE	5	2663270000

Type	Qty.	Order No.
ZQV 50/70N/2	150 A 10	2663400000
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 50/70 PE

50 mm²

20 x 101.5 x 80.5
/ 70
10...70



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
	1000		
50	AWG 8...0		
	/ 3		
	/ V-0		

CE-PA

Rated connection

10...70 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

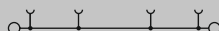
Type	Qty.	Order No.
A2C 50/70 PE	5	2663280000

Type	Qty.	Order No.
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	5	2663440000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 50/70-DM

50 mm²

20 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
150	175		
50	AWG 8...0		
	8 kV / 3		
	/ V-0		

CE-PA

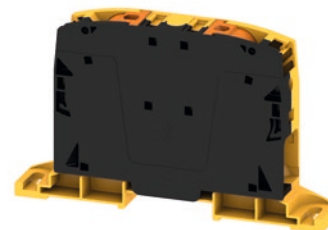
Rated connection

10...70 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

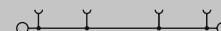
Type	Qty.	Order No.
A2C 50/70-DM	5	2663330000
A2C 50/70 BL-DM	5	2663340000

Type	Qty.	Order No.
ZQV 50/70N/2	150 A 10	2663400000
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	5	2663440000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 50/70 FE-DM

50 mm²

20 x 134 x 80.5
150 / 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
150			
50	AWG 8...0		
	8 kV / 3		
	/ V-0		

CE-PA

Rated connection

10...70 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 50/70 FE-DM	5	2663350000

Type	Qty.	Order No.
ZQV 50/70N/2	150 A 10	2663400000
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	5	2663440000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000



Power feed-in PUSH IN connection

Terminal blocks for rail mounting



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Blue
	Green/yellow
	yellow/black
Note	

Accessories

Cross connections insertable	
	2-pole
	3-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	

A2C 95/120

95 mm²

25 x 101.5 x 90	
232 / 120	
25...120	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
232			
95			
	/ 3		
	/ V-0		
C €			
Rated connection			
25...120 / 25...120			
25...120 / 25...95			
30 / 1.0 x 5.5 mm			

Type	Qty.	Order No.
A2C 95/120	10	2694060000
A2C 95/120 BL	10	2694070000

Type	Qty.	Order No.
ZQV 95/120N/2	232 A 10	2694250000
ZQV 95/120N/3	232 A 10	2694260000
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	5	2663440000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 95/120 FE

95 mm²

25 x 101.5 x 90	
232 / 120	
25...120	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
232			
95			
	/ 3		
	/ V-0		
C €			
Rated connection			
25...120 / 25...120			
25...120 / 25...95			
30 / 1.0 x 5.5 mm			

Type	Qty.	Order No.
A2C 95/120 FE	10	2694080000

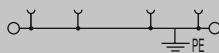
Type	Qty.	Order No.
ZQV 95/120N/2	232 A 10	2694250000
ZQV 95/120N/3	232 A 10	2694260000
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	5	2663440000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

For detailed information on other accessories and application in the online catalogue

A2C 95/120 PE

95 mm²

25 x 101.5 x 90
/ 120
25...120



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
95			
	/ 3		
	/ V-0		

C €

Rated connection

25...120 / 25...120
25...120 / 25...95
30 / 1.0 x 5.5 mm

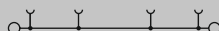
Type	Qty.	Order No.
A2C 95/120 PE	10	2694090000

Type	Qty.	Order No.
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 95/120-DM

95 mm²

25 x 133.5 x 90
232 / 120
25...120



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
232			
95			
	/ 3		
	/ V-0		

C €

Rated connection

25...120 / 25...120
25...120 / 25...95
30 / 1.0 x 5.5 mm

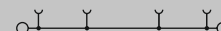
Type	Qty.	Order No.
A2C 95/120-DM	5	2694150000
A2C 95/120 BL-DM	10	2694160000

Type	Qty.	Order No.
ZQV 95/120N/2	232 A 10	2694250000
ZQV 95/120N/3	232 A 10	2694260000
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C 95/120 FE-DM

95 mm²

25 x 133.5 x 90
232 / 120
25...120



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
232			
95			
	/ 3		
	/ V-0		

C €

Rated connection

25...120 / 25...120
25...120 / 25...95
30 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 95/120 FE-DM	5	2694170000

Type	Qty.	Order No.
ZQV 95/120N/2	232 A 10	2694250000
ZQV 95/120N/3	232 A 10	2694260000
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	57 A 5	2663440000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

Power feed-in PUSH IN connection

Terminal blocks for rail mounting



max. current/max. cond. cross-section A/mm²
Max. clamping range mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version
Clamping range 50 mm ² / 70 mm ²
dark beige
dark beige, blue
dark beige, black/yellow
dark beige, blue, black/yellow
Clamping range 95 mm ² / 120 mm ²
dark beige
dark beige, blue
dark beige, black/yellow
dark beige, blue, black/yellow
Note

Accessories

Additional tap
dark beige
blue
black/yellow
green/yellow
End bracket
dark beige, screwable
Screwdriver
Standard
Warning labels
Marking tags

For detailed information on other accessories and application in the online catalogue

A2C ... 3FT

50 mm²



150 x 70
10...70

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
150	175		
50	AWG 8...0		
8 kV / 3			
/ V-0			
Rated connection			
10...70 / 10...70			
10...70 / 10...50			
30 / 1.0 x 5.5 mm			

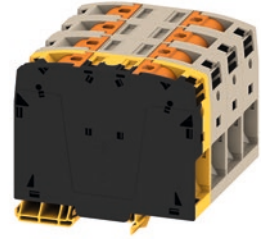
You will find the technical data on the individual products.

Type	Qty.	Order No.
A2C 50/70 3FT	1	2663320000
A2C 50/70 3FT-N	1	2663300000
A2C 95/120 3FT	1	2694140000
A2C 95/120 3FT-N	1	2694120000

Type	Qty.	Order No.
AAC 50-185 2X10	57 A	5 2663420000
AAC 50-185 2X10 BL	57 A	5 2663430000
AAC 50-185 2X10 BK-YL	57 A	5 2663450000
AAC 50-185 2X10 GN-YL	5	5 2663440000
AEB 35 SC/1	50	1991920000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C ... 3FT-FE

50 mm²



150 x 70
10...70

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
150	175		
50	AWG 8...0		
8 kV / 3			
/ V-0			
Rated connection			
10...70 / 10...70			
10...70 / 10...50			
30 / 1.0 x 5.5 mm			

You will find the technical data on the individual products.

Type	Qty.	Order No.
A2C 50/70 3FT-FE	1	2663310000
A2C 50/70 3FT-N-FE	1	2663290000
A2C 95/120 3FT-FE	1	2694130000
A2C 95/120 3FT-N-FE	1	2694100000

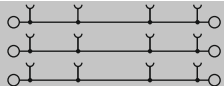
Type	Qty.	Order No.
AAC 50-185 2X10	57 A	5 2663420000
AAC 50-185 2X10 BL	57 A	5 2663430000
AAC 50-185 2X10 BK-YL	57 A	5 2663450000
AAC 50-185 2X10 GN-YL	5	5 2663440000
AEB 35 SC/1	50	1991920000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

A2C ... 3FT DM

50 mm²



150 x 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
150	175		
50	AWG 8...0		
8 kV / 3 / V-0			



Rated connection

10...70 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

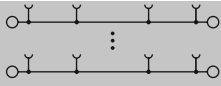
You will find the technical data on the individual products.

A2C ... 3FT-FE DM

50 mm²



150 x 70
10...70



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		
150	175		
50	AWG 8...0		
8 kV / 3 / V-0			



Rated connection

10...70 / 10...70
10...70 / 10...50
30 / 1.0 x 5.5 mm

You will find the technical data on the individual products.

Type	Qty.	Order No.
A2C 50/70 3FT-DM	1	2663390000
A2C 50/70 3FT-N-DM	1	2663370000
A2C 95/120 3FT-DM	1	2694230000
A2C 95/120 3FT-N-DM	1	2694200000

Type	Qty.	Order No.
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	5 5	2663440000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

Type	Qty.	Order No.
A2C 50/70 3FT-FE-DM	1	2663380000
A2C 50/70 3FT-N-FE-DM	1	2663360000
A2C 95/120 3FT-FE-DM	1	2694220000
A2C 95/120 3FT-N-FE-DM	1	2694180000

Type	Qty.	Order No.
AAC 50-185 2X10	57 A 5	2663420000
AAC 50-185 2X10 BL	57 A 5	2663430000
AAC 50-185 2X10 BK-YL	57 A 5	2663450000
AAC 50-185 2X10 GN-YL	5 5	2663440000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000

Mounting in compliance with norms

Thanks to precisely matched accessories for the A2C 50/70 to A2C 95/120

When assembling terminal blocks and equipping panels you must be able to rely on the fact, that the accessories are also perfectly matched. Only then can the processes run smoothly and productively. Correspondingly there are high requirements for mounting rails, cross-connections and cover plates as well as additional connections. They must comply with numerous norms and protective provisions.

The comprehensive accessories of the Klippon® Connect portfolio are perfectly matched down to the last detail. This facilitates mounting while adhering to required norms.

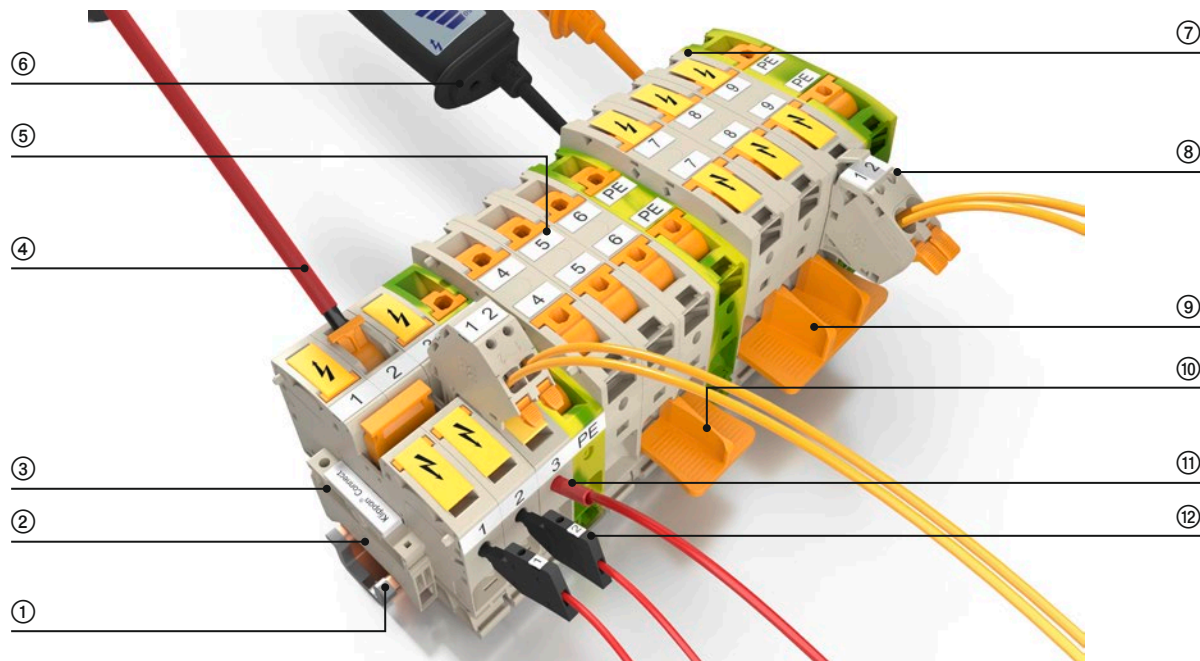


Image	Description	Type	Rated voltage	Rated Current	Dimensions	Colour	Qty.	Order No.
1	End cap mounting rail	TS END CAP 35X15			37.5 x 16.5 x 7 mm	grey	100	1283480000
2	Mounting rail	TS 35X15/2.3M/CU/BK			35 x 15 x 2000 mm		2	0270100000
3	End brackets	AEB 35 SC/1			8 x 58 x 36 mm	dark beige	50	1991920000
4	Screwdriver	SDS 1.0X5.5X150			1.0 x 5.5 x 150 mm	black/orange	1	2749380000
5	Terminal block marker	WS-A 8/16 MM WS			8 x 16 mm	white	200	2619910000
6	Voltage tester	VT DIGI PRO	1000 V AC / 1000 V DC		264 x 33 x 67 mm	black/orange	1	9918870000
7	Flash cover	AAM 35-185 YE FLASH			12 x 23.5 x 6.8 mm	yellow	40	2635600000
8	Additional tap	AAC 50-185 2X10	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	dark beige	5	2663420000
8	Additional tap	AAC 50-185 2X10 BL	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	blue	5	2663430000
8	Additional tap	AAC 50-185 2X10 BK-YL	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	black/yellow	5	2663450000
8	Additional tap	AAC 50-185 2X10 GN-YL	1000 V AC / 1500 V DC	57 A	20 x 50.5 x 42.5 mm	green/yellow	5	2663440000
9	Querverbindung	ZQV 95/120N/2	1000 V AC / 1500 V DC	232 A	48.07 x 76.91 x 22.5 mm	orange	10	2694250000
9	Querverbindung	ZQV 95/120N/3	1000 V AC / 1500 V DC	232 A	73.07 x 76.91 x 22.5 mm	orange	10	2694260000
10	Cross connection	ZQV 50/70N/2	1000 V AC / 1500 V DC	150 A	38.13 x 68.18 x 17.1 mm	orange	10	2663400000
11	Test probe	PS 2.0 MC	250 V AC / 250 V DC	0.2 A	4.3 x 4.3 x 27 mm	red	20	0310000000
12	Test probe	ATPG 1.5-10 L	250 V AC / 250 V DC	0.2 A	3.5 x 15.5 x 52 mm	black	50	1991890000

B



Power feed-in Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
	dark beige
	Blue
	without peg / dark beige
Note	

Accessories

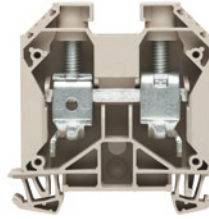
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Additional connection	
	10 mm ²
	4mm ²
Marking tags	
Screwdriver	
	Standard
End plate / Partition plate	
	dark beige
	Blue
Ribbon cable clamp	

For detailed information on other accessories and application in the online catalogue






















WDU 35

35 mm²

Clamping screw / spigot for good connection stability



16 x 60 x 62.5
150 / 50
2.5...50

IEC 60947-7-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
1000	1000	600	690
125	150	150	115
35	AWG 12...0	AWG 12...NaN	35 mm ²
8 kV / 3			
B8 / V-0			
                   		DEMKO14ATEX1338U	
Rated connection		Further connection	
2.5...16 / 2.5...50			
2.5...35 / 2.5...35			
/ (M 6)			
18 / 6.5 x 1.2 mm			
2.5...10 / 16...16			
2.5...16 / 2.5...16			

Type	Qty.	Order No.
WDU 35	40	1020500000
Order No. 1020500000 and 1020580000 (blue) versions without pegs (40 pcs.).		

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WEW 35/1	50	1059000000
WAD 12 M.BL.	50	1055960000
WAD 12 NEUTRAL	50	1056260000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000

Cross-connections, socket and test plug, see section "W series accessories".






WDU 35N

35 mm²

Suitable for power distribution
Compact design



16 x 66 x 50.5
150 / 50
2.5...50

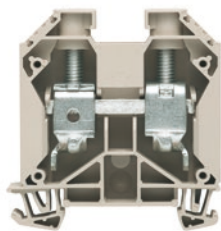
IEC 60947-7-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
500	1000	600	352
125	150	150	110
35	AWG 12...0	AWG 12...2	35 mm²
6 kV / 3			
B8 / V-0			
   		DEMKO14ATEX1338U	
Rated connection		Further connection	
2.5...16 / 2.5...50			
2.5...35 / 2.5...35			
/ (M 6)			
18 / 6.5 x 1.2 mm			
2.5...6			
2.5...6 / 2.5...6			
1000 V DC rated voltage tested.			

Type	Qty.	Order No.
WDU 35N	20	1040400000
1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-EN partitions.		

Type	Qty.	Order No.
WQV 35N/2	125 A 20	1079200000
WQV 35N/4	125 A 20	1079400000
WEW 35/2	50	1061200000
WAD 16N GE BED	50	1083600000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WTW EN	20	1058800000

Cross-connections, see section "W series accessories".

WDU 35 IR

35 mm²

16 x 60 x 62.5
150 / 50
2.5...50



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000		690
125	150		115
35	AWG 12...0		35 mm ²

8 kV / 3

B8 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
/ (M 6)	
18 / TX 20	

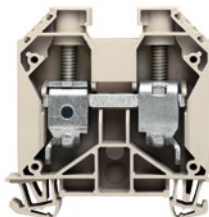
Type	Qty.	Order No.
WDU 35 IR	40	1393400000

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WEW 35/1	50	1059000000
WAD 12 M.BL.	50	1055960000
WAD 12 NEUTRAL	50	1056260000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000

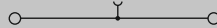
WDU 35 IK

35 mm²

Hexagonal socket / spigot for good connection stability



16 x 60 x 62.5
150 / 50
2.5...50



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	690
125	150	150	115
35	AWG 12...NaN	AWG 12...NaN	35 mm ²

8 kV / 3

B8 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
2.5...16 / 2.5...50	
2.5...35 / 2.5...35	
/ (M 6)	
18 / S4 (DIN 6911)	

2.5...10 / 16...16

2.5...16 / 2.5...16

Type	Qty.	Order No.
WDU 35/IK	25	1020600000

Order No. 1020600000 and 1020680000 (blue) versions without pegs (25 pcs.).

Type	Qty.	Order No.
WQV 35/2	138 A 50	1053060000
WQV 35/10	112 A 10	1053160000
WEW 35/1	50	1059000000
WAD 12 M.BL.	50	1055960000
WAD 12 NEUTRAL	50	1056260000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000

Cross-connections, socket and test plug, see section "W series accessories".

WDU 50N

50 mm²

Compact design



18.5 x 70 x 69.6
192 / 70
10...70



Ex eb II
C Gb II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	600	600	690
150	150	150	126
50	AWG 10...0	AWG 8...0	50 mm ²

8 kV / 3

B10 / V-0

DEMKO14ATEX1338U

Rated connection	Further connection
10...16 / 10...70	
10...50	
/ (M 6)	
24 / S4 (DIN 6911)	

...16 / 6...16

6...16 / 6...16

1000 V DC rated voltage tested.

Type	Qty.	Order No.
WDU 50N	10	1820840000
WDU 50N BL	10	1820850000

1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.

Type	Qty.	Order No.
WQV 50N/2	150 A 5	1834060000
WQV 50N/3	150 A 5	1834070000
WQV 50N/4	150 A 5	1834080000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 50N	41 A 5	1872720000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

Auxiliary connection for additional conductor "WZAD 50N" 1872720000 (up to 10 mm², 41 A). Cross-connections, see section "W series accessories".

Power feed-in Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
	dark beige
	Blue
	without peg / dark beige
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Additional connection	
	10 mm ²
	4mm ²
Marking tags	
Screwdriver	
	Standard
End plate / Partition plate	
	dark beige
	Blue
Ribbon cable clamp	

For detailed information on other accessories and application in the online catalogue





WDU 50N IR

50 mm²

Six-lobe socket



18.5 x 70 x 69.6
192 / 70
10...70

IEC 60947-1				Ex eb II		II 2 G D
				C Gb		
IEC	UL	CSA	EN 60079-7			
1000			690			
150			126			
50			50 mm²			
				8 kV / 3		
				B10 / V-0		
  				DEMKO14ATEX1338U		
Rated connection		Further connection				
10...16 / 10...70						
10...50						
/ (M 6)						
24 / TX 20						
...16 / 6...16						
6...16 / 6...16						
1000 V DC rated voltage tested.						

Type	Qty.	Order No.
WDU 50N IR	10	1186630000
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.		

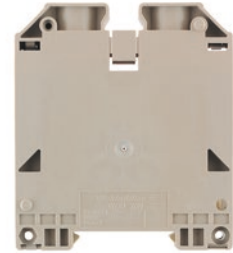
Type	Qty.	Order No.
WQV 50N/2	150 A 5	1834060000
WQV 50N/3	150 A 5	1834070000
WQV 50N/4	150 A 5	1834080000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 50N	41 A 5	1872720000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
TH-S 9-40	1	9008880000

Cross-connections, see section "W series accessories".








WDU 70N

70 mm²

Compact design



20.5 x 75 x 85
232 / 95
16...95

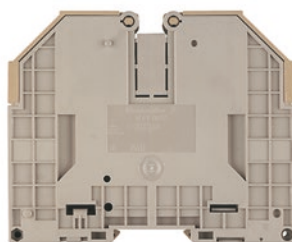
IEC 60947-1				Ex eb II	C Gb		II 2 G D
IEC	UL	CSA	EN 60079-7				
1000	600	600	690				
192	150	150	184				
70	AWG 6...0	AWG 6...0	70 mm²				
8 kV / 3							
B11 / V-0							
     				DEMKO14ATEX1338U			
Rated connection		Further connection					
16...16 / 16...95							
16...70 / 16...50							
/ (M 8)							
22 / S6 (DIN 6911)							
10...16 / 10...25							
10...25 / 6...25							
1000 V DC rated voltage tested.							

Type	Qty.	Order No.
WDU 70N/35	10	9512190000
WDU 70N/35 BL	10	9512420000
1000 V UL and CSA for usage groups B and C: can be used with isolating DIN rails and when using WTW-EN partitions.		

Type	Qty.	Order No.
WQV 70N/2	192 A 5	9512240000
WQV 70N/3	192 A 5	9512250000
WQV 70N/4	192 A 5	9531290000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 70N	41 A 5	1964830000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

Auxiliary connection for additional conductor "WZAD 70N" 1964830000 (up to 10 mm², 41 A). Cross-connections, see section "W series accessories".

120 mm²







27 x 91 x 90
290 / 150
16...150



Ex eb II
C Gb  II 2 G D

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
269	228	220	221
120	AWG 4...250	AWG 4...0	120 mm ²
8 kV / 3			
B13 / V-0			

   	DEMKO14ATEx1338U
Rated connection	Further connection
16...16 / 16...150	
16...120	
/ (M 10)	
27 / S6 (DIN 6911)	
16...16 / 10...35	
16...35 / 10...35	
1000 V DC rated voltage tested.	

Type	Qty.	Order No.
WDU 95N/120N	5	1820550000
WDU 95N/120N BL	5	1820560000

1000 V UL and CSA for usage groups B and C; can be used with isolating DIN rails and when using WTW-EN partitions.

Type		Qty.	Order No.
WQV 95N/120N/2	269 A	5	1826890000
WQV 95N/120N/3	269 A	5	1826900000
WQV 95N/120N/4	269 A	5	1826910000
WEW 35/1		50	1059000000
WAD 20 GE WSD		10	9512260000
WZAD 95N/120N	41 A	5	1859580000
DEK 5/5 MC NE WS		1000	1609801044
WS 12/6.5 MC NE WS		540	1609920000
SKS 2,0-8,0 MR		1	9008870000

Auxiliary connection for additional conductor "WZAD 95N/120N" 1859580000 (up to 10 mm², 41 A). Cross-connections, see section "W series accessories".

Power feed-in Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Note	

Ordering data

Version	
	dark beige
	Blue
	without peg / dark beige
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Additional connection	
	10 mm ²
	4mm ²
Marking tags	
Screwdriver	
	Standard
End plate / Partition plate	
	dark beige
	Blue
Ribbon cable clamp	

For detailed information on other accessories and application in the online catalogue


WDU 95N/120N IR

120 mm²



27 x 91 x 90
290 / 150
16...150

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
269			
120			
8 kV / 3			
B13 / V-0			
CE 			
Rated connection		Further connection	
16...16 / 16...150			
16...120			
/ (M 10)			
27 / TX 40			

Type	Qty.	Order No.
WDU 95N/120N IR	5	1393430000
Note		

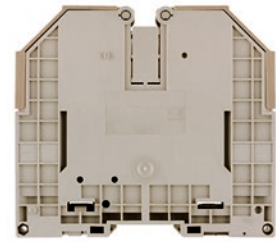
Type	Qty.	Order No.
WQV 95N/120N/2	269 A 5	1826890000
WQV 95N/120N/3	269 A 5	1826900000
WQV 95N/120N/4	269 A 5	1826910000
Note		
WEW 35/1	50	1059000000
Note		
WAD 20 GE WSD	10	9512260000
Note		
WZAD 95N/120N	41 A 5	1859580000
Note		
DEK 5/8 MC NE WS	800	1856740000
Note		
WS 15/5 MC NE WS	480	1609880000
Note		
TH-S 9-40	1	9008880000
Note		
Note		
Note		
Note		

For detailed information on other accessories and application in the online catalogue









WDU 120/150

120 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 117
309 / 150
33.63...150

IEC 60947-7-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
1000	1000	600	1100
269	225	285	265
120	AWG 2...250	AWG 2...250	150 mm²
8 kV / 3			
B13 / V-0			
      		DEMKO14ATEX1338U	
Rated connection		Further connection	
/ 35...150			
35...150 / 35...50			
/ (M 10)			
35 / S6 (DIN 6911)			
...16 / 35...70			
35...70 / 35...70			

Type	Qty.	Order No.
WDU 120/150	10	1024500000
WDU 120/150 BL	10	1024580000
Note		

For direct mounting see section W-Series, Accessories.

Type	Qty.	Order No.
WQV 120/2	269 A 5	1063300000
WQV 120/3	292 A 5	1063400000
Note		
WEW 35/1	50	1059000000
Note		
WAD 27 M. BL.	10	1062860000
WAD 27 NEUTRAL	10	1062960000
Note		
WZAD120	10	1066100000
Note		
DEK 5/5 MC NE WS	1000	1609801044
Note		
WS 12/6.5 MC NE WS	540	1609920000
Note		
SKS 2,0-8,0 MR	1	9008870000
Note		
Note		
Note		

Auxiliary connection for the additional conductor "WZAD 120", order no. 1066100000 (up to 4 mm², 32 A). Cross-connections, see section "W series accessories".

WDU 240 240 mm²



36 x 100 x 123.7
415 / 240
70...240



IEC 60947-7-1 Ex eb II C Gb  II 2 G D

IEC	UL	CSA	EN 60079-7
1000	600	600	1100
415	380	400	350
240		AWG 0...500	240 mm²
8 kV / 3			
B15 / V-0			

    KEMA01ATEX2186U

Rated connection	Further connection
/ 70...240	
70...240 / 70...185	
/ (M 10)	
40 / S8 (DIN 6911)	
/ 35...95	
50...95 / 35...50	

Copper straps can be used; see online catalogue for possible connections.

Type	Qty.	Order No.
WDU 240	2	1802780000
WDU 240 BL	2	1822210000
1000 VDC rated voltage tested.		

Type	Qty.	Order No.
WQB 240/2	5	1802790000
WQB 240/3	5	1802800000
WEW 35/1	50	1059000000
WZAD 240	57 A 5	1802810000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000
SKS 2,0-8,0 MR	1	9008870000

Power feed-in Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Tightening torque (mounting screw)	
Stripping length / Blade size	mm/-

Note

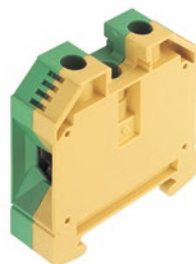
Ordering data

Version	
	Green/yellow green/yellow
Note	

Accessories

PEN bridge	
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	

WPE 35

35 mm²

16 x 56 x 62.5	
/ 35	
2.5...35	

Ex eb II
C Gb



II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
35	AWG 12...2	AWG 12...2	35 mm ²
800			
8			
4200 A (35 mm ²)			
3			
B8 / V-0			



Rated connection

2.5...16 / 2.5...35
2.5...35 / 2.5...35
/ (M 6)
18 / 6.5 x 1.2 mm

WPE 35N

35 mm²

Compact design



16 x 66 x 50.5	
/ 50	
2.5...50	

Ex eb II
C Gb



II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
35	AWG 12...2		35 mm ²
400			
6			
4200 A (35 mm ²)			
3			
B8 / V-0			



Rated connection

2.5...16 / 2.5...50
2.5...35 / 2.5...35
/ (M 6)
18 / 6.5 x 1.2 mm

Type	Qty.	Order No.
WPE 35	25	1010500000

Type	Qty.	Order No.
WPE 35N	20	1717740000

Type	Qty.	Order No.
WOB-PEN 35	10	1060100000
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

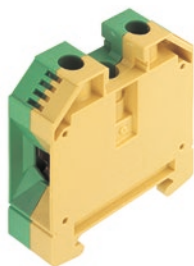
Type	Qty.	Order No.
WEW 35/2	50	1061200000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

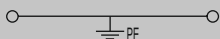
Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 35/IKSC

35 mm²

16 x 56 x 62.5
/ 35
2.5...35



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
35	AWG 12...1	AWG 12...2	35 mm ²
800			
8			
4200 A (35 mm ²)			
3			
B8 / V-0			

Rated connection

2.5...16 / 2.5...35
2.5...35 / 2.5...35
/ (M 6)

18 / S4 (DIN 6911)

Type	Qty.	Order No.
WPE 35/IKSC	25	1012600000

Type	Qty.	Order No.
WQB-PEN 35	10	1060100000
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

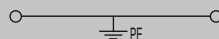
WPE 50N

50 mm²

Compact design



18.5 x 71 x 69.6
/ 70
5.26...70



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
50	AWG 10...0	AWG 14...0	50 mm ²
1000			
8			
6000 A (50 mm ²)			
3			
B10 / V-0			

Rated connection

10...16 / 10...70
10...50
/ (M 6)

24 / S4 (DIN 6911)

For 50 and 70 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

Type	Qty.	Order No.
WPE 50N	10	1846040000

Type	Qty.	Order No.
WQV PEN 50N	150 A 5	9201610000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

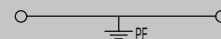
WPE 70N/35

70 mm²

Compact design



20.5 x 75 x 85
/ 95
16...95



IEC 60947-7-2 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
70	AWG 6...0	AWG 6...0	70 mm ²
1000			
8			
8400 A (70 mm ²)			
3			
B11 / V-0			

Rated connection

16...16 / 16...95
16...70 / 16...50
/ (M 8)

22 / S6 (DIN 6911)

For 50 - 95 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

Type	Qty.	Order No.
WPE 70N/35	10	9512200000

Type	Qty.	Order No.
WQV 70N-PEN	192 A 5	9525840000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Rail holder for protective isolation Installation of the mounting rail "SH 2" Order no. 0494920000 (qty. 10).

Power feed-in

Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Tightening torque (mounting screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	Green/yellow green/yellow
Note	

Accessories

PEN bridge	
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	

WPE 95N/120N

95 mm²

Compact design



27 x 91 x 90	
/ 150	
16...150	

Ex eb II
C Gb

II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
95	AWG 4...0	AWG 4...0	120 mm ²
1000			
8			
11400 A (95 mm ²)			
3			
B13 / V-0			

CE, CE, CE, CE, CE, CE

Rated connection

16...16 / 16...150
16...120
/ (M 10)

27 / S6 (DIN 6911)

For 50 - 150 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

Type	Qty.	Order No.
WPE 95N/120N	5	1846030000
UL, CSA and ATEX certifications are pending		

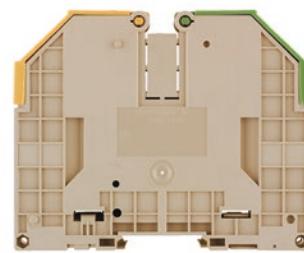
Type	Qty.	Order No.
WQV PEN 95N/120N	5	9201630000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 70/95

95 mm²

Conductor can be inserted from above / leaf spring



27 x 132 x 107	
/ 120	
13.3...120	

Ex eb II
C Gb

II 2 G D

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
95	AWG 6...0	AWG 6...0	95 mm ²
1000			
8			
11400 A (95 mm ²)			
3			
B12 / V-0			

CE, CE, CE, CE, CE, CE

Rated connection

16...16 / 16...120
16...95 / 35...50
/ (M 8)

30 / S6 (DIN 6911)

For 50 - 120 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

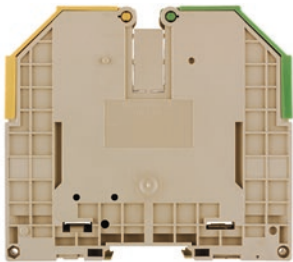
Type	Qty.	Order No.
WPE 70/95	10	1037300000

Type	Qty.	Order No.
WQV 70/95-PEN	232 A 5	1072300000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

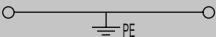
Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

WPE 120/150120 mm²

Conductor can be inserted from above / leaf spring



32 x 132 x 117
/ 150
33.62...150



IEC 60947-7-2Ex eb II
C GbExII 2 G D

IEC	UL	CSA	EN 60079-7
120	AWG 2...250	AWG 2...250	150 mm²
1000			
8			
14400 A (120 mm²)			
3			
B13 / V-0			

CE, ENEC, KEMA, VDE

Rated connection
/ 35...150
35...150 / 35...50
/ (M 10)

35 / S6 (DIN 6911)

For 50 - 150 mm², the TS 35 x 15 (copper, 2.3 mm thick) mounting rail should be used.

Type	Qty.	Order No.
WPE 120/150	10	1019700000

Type	Qty.	Order No.
WQV 120-PEN	292 A	51072400000
WEW 35/1	50	1059000000
SKS 2,0-8,0 MR	1	9008870000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

Rail support protective insulation for installation of mounting rail "SH 2" order No. 0494920000 (QTY 10).

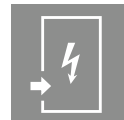
Reliable and efficient power supply

Really convenient with Klippon® Connect

A growing number of industrial applications needs to fit a large amount of technology into a very dense space. Different connection types must thereby be interchangeable, because cost-saving aluminium often replaces copper.

Klippon® Connect power feed-in terminal blocks WPD allow for an easy and safe installation of aluminium and copper conductors on a small footprint. A power supply or monitoring connection can also be used as an option.

Customers can use the power feed-in terminal blocks WPD, regardless of the conductor material. They can be mounted either directly or on DIN rail TS35.



B



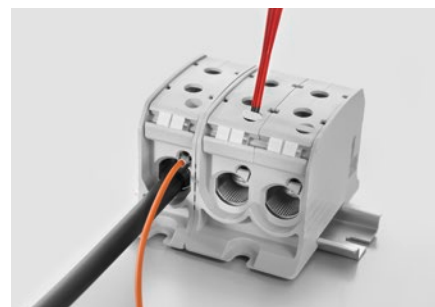
Compact and robust design

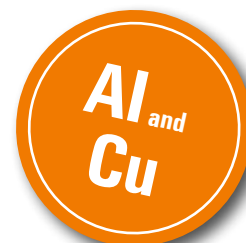
Klippon® Connect power feed-in terminal blocks WPD boast a wide range of features, including a compact and robust design.



Uninterrupted monitoring

Small power supply and monitoring connections can be installed without disconnecting any previously connected terminal blocks.



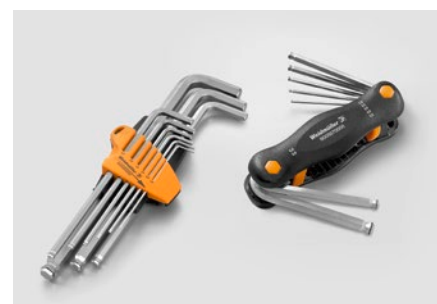


Easy and flexible mounting

The possibility of direct mounting and the compatibility with the 35-mm DIN rail in accordance with EN 60715 and EN 50022 allow fast processing and installation.

Socket wrench sets

Weidmüller offers fitting SK WSD-S Allen keys DIN ISO 2936 L (DIN 911) made from fully hardened high-alloy chromium-vanadium-steel with a high-quality refined surface for the blocks.



Power feed-in Screw connection

W-Series WPD 130 1X50/1X50 GY



WPD 130

50 mm²

WPD 230

50 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

22 / 45 / 70
150 / 50
4...50

50 mm² 50 mm²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Overvoltage category / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Tightening torque	Nm
Note	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
150	150	150	150
50	AWG 12...1/0	AWG 12...1/0	50
8 kV / 3			
III / V-0			

Bemessungsanschluss

6...50 / 6...50
4...35
16 / M10 (SW 5 mm)
see appendix at the end of the chapter

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
300	150	150	150
50	AWG 12...1/0	AWG 12...1/0	50
8 kV / 3			
III / V-0			

Rated connection

6...50 / 6...50
4...35
16 / M10 (SW 5 mm)
see appendix at the end of the chapter

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
	brown / black / light grey
	green / light grey / blue
Note	

Type	Qty.	Order No.
WPD 130 1X50/1X50 GY	9	2502530000
WPD 130 1X50/1X50 BL	9	2502540000
WPD 130 1X50/1X50 GN	9	2502550000
WPD 130 1X50/1X50 BN	9	2502560000
WPD 130 1X50/1X50 BK	9	2502570000

Type	Qty.	Order No.
WPD 230 2X50/2X50 GY	5	2502580000
WPD 230 2X50/2X50 BL	5	2502590000
WPD 230 2X50/2X50 GN	5	2502600000
WPD 230 2X50/2X50 BN	5	2502610000
WPD 230 2X50/2X50 BK	5	2502950000

Accessories

Protective cover	
	light grey
End bracket	
	grey
	black
Screwdriver	
	SET
Identification systems	

Type	Qty.	Order No.
WPDPC X30 GY	54	2503330000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
WPDPC X30 GY	54	2503330000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000

WPD 330 50 mm²



56,5 / 45 / 70
150 / 50
4...50

50 mm² 50 mm² 50 mm² 50 mm² 50 mm² 50 mm²

IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
150	150	150	150
50	AWG 12...1/0	AWG 12...1/0	50
8 kV / 3			
III / V-0			
Rated connection			
6...50 / 6...50			
4...35			
16 / M10 (SW 5 mm)			
see appendix at the end of the chapter			





Type	Qty.	Order No.
WPD 330 3X50/3X50 3XGY	3	2502620000
WPD 330 3X50/3X50 1XBN/1XBK/1XGY	3	2502650000
WPD 330 1XGY/1XBL/1XGN	3	2502640000

Type	Qty.	Order No.
WPDPC X30 GY	54	2503330000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000



Power feed-in Screw connection

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (AL+Cu)

Conductor connection data according to IEC 60364-5-52 (2017) 521.000 (p.4)				
Input (x1) / Output (x1)	Copper		Aluminium	
				
50 mm ²	10 Nm		14 Nm	14 Nm
35 mm ²		10 Nm		
25 mm ²	8 Nm	8 Nm	12 Nm	10 Nm
16 mm ²			10 Nm	
10 mm ²	6 Nm	6 Nm		
6 mm ²				
4 mm ²				
max. current with 2 x 50 mm ² (acc. to IEC)	300 A		270 A	
Stripping lengths	16 mm			
Allen screw	M10 (SW 5 mm)			







Stranded

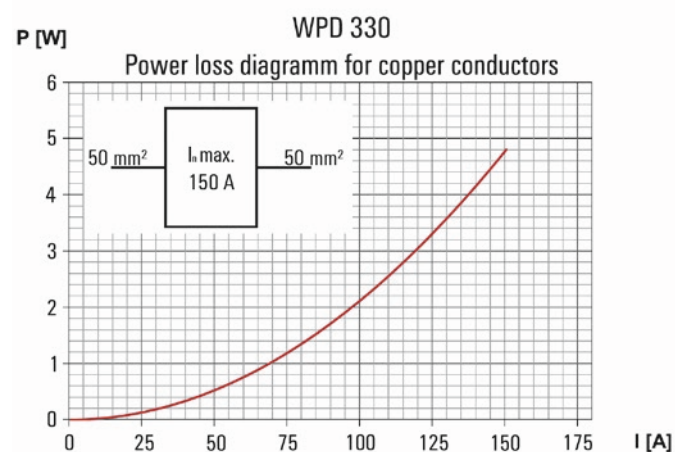
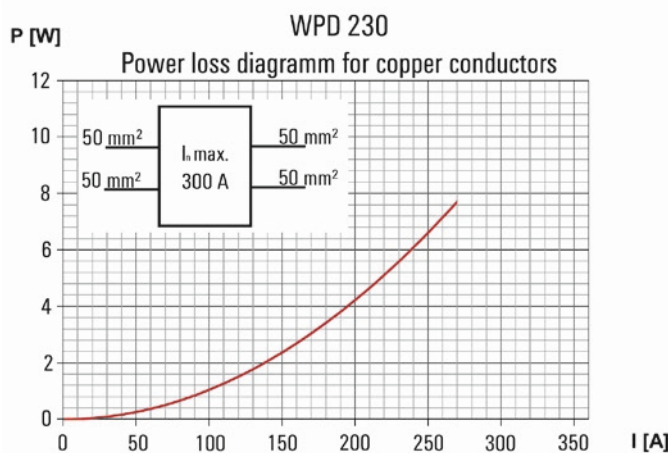
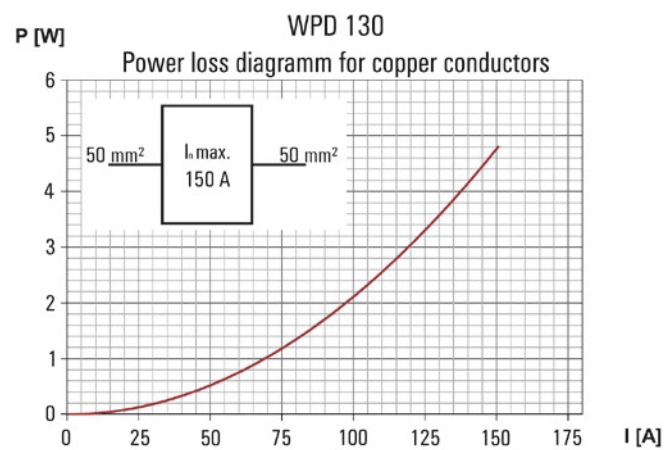
Solid

Flexible with ferrule

Sector shaped

Input (x1) / Output (x1)	Copper		Aluminium	
				
AWG 1/0	123.9Lb In.		123.9Lb In.	123.9Lb In.
AWG 2				
AWG 4		123.9Lb In.		
AWG 6				
AWG 8				
AWG 10				
AWG 12				
max. current at 1 x 50 mm ² (acc. to UL)	150 A		120 A	
Stripping lengths	16 mm			
Allen screw	M10 (SW 5 mm)			

Diagrams





Power feed-in Screw connection

W-Series

WPD 131 1X95/1X95 GY



WPD 131

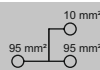
95 mm²

WPD 231

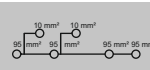
95 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

28 / 57 / 93
232 / 95
10...95



47 / 57 / 93
232 / 95
10...95



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	95 mm ²	mm ²
	Auxiliary connection 6 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	95 mm ²	mm ²
	Auxiliary connection 6 mm ²	mm ²
Flexible with ferrule	95 mm ²	mm ²
	Auxiliary connection 6 mm ²	mm ²
Stripping length / Blade size	95 mm ²	mm/-
	Auxiliary connection 6 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
232	200	200	232
95	AWG 8...3/0	AWG 8...3/0	95
6	AWG 16...8	AWG 16...8	6
8 kV / 3			
III / V-0			

Bemessungsanschluss

10...95 / 10...95
1.5...10 / 1.5...10
16...70
1.5...6
26 / M14 (SW 6)
10 / M4 (+/- PZ2)
siehe Anhang am Kapitelende

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	880
464	200	200	232
95	AWG 8...3/0	AWG 8...3/0	95
6	AWG 16...8	AWG 16...8	6
8 kV / 3			
III / V-0			

Bemessungsanschluss

10...95 / 10...95
1.5...10 / 1.5...10
16...70
1.5...6
26 / M14 (SW 6)
10 / M4 (+/- PZ2)
siehe Anhang am Kapitelende

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	Qty.	Order No.
WPD 131 1X95/1X95 GY	2	2503090000
WPD 131 1X95/1X95 BL	2	2502660000
WPD 131 1X95/1X95 GN	2	2502670000
WPD 131 1X95/1X95 BN	2	2502680000
WPD 131 1X95/1X95 BK	2	2502690000

Type	Qty.	Order No.
WPD 231 2X95/2X95 GY	1	2502700000
WPD 231 2X95/2X95 BL	1	2502710000
WPD 231 2X95/2X95 GN	1	2502720000
WPD 231 2X95/2X95 BN	1	2502730000
WPD 231 2X95/2X95 BK	1	2502740000





Accessories





Protective cover	
	light grey
End bracket	
	grey
	black
Screwdriver	
	SET
Identification systems	

Type	Qty.	Order No.
WPDPC X31 GY	20	2503370000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000




Type	Qty.	Order No.
WPDPC X31 GY	20	2503370000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000




Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (AL+Cu)

Input (x1) / Output (x1)	Copper		Aluminium			
						
95 mm²	19 Nm		22,6 Nm	22,6 Nm		
70 mm²		19 Nm				
50 mm²						
35 mm²						
25 mm²	14 Nm	14 Nm				
16 mm²						
10 mm²						
max. current with 2 x 95 mm² (acc. to IEC)	464 A		200 A			
Stripping lengths	26 mm					
Allen screw	M14 (SW 6 mm)					

Input (x1) / Output (x1)	Copper		Aluminium			
						
AWG 3/0	200Lb In.			123.9Lb In.		
AWG 2/0		200Lb In.	200Lb In.			
AWG 1/0						
AWG 2						
AWG 4						
AWG 6						
AWG 8						
max. current at 1 x 95 mm ² (acc. to UL)	200 A		155 A			
Stripping lengths	26 mm					
Allen screw	M14 (SW 6 mm)					

Auxiliary connection

		Copper	
	 		
10 mm ²	1,2 Nm	1,2 Nm	
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
max. current	57 A		
Stripping lengths	10 mm		
screw	M4 (+/-PZ2)		

Copper		
	 	
AWG 8	20.3Lb In.	20.3Lb In.
AWG 10		
AWG 12		
AWG 14		
AWG 16		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/- PZ2)	



Stranded



Solid

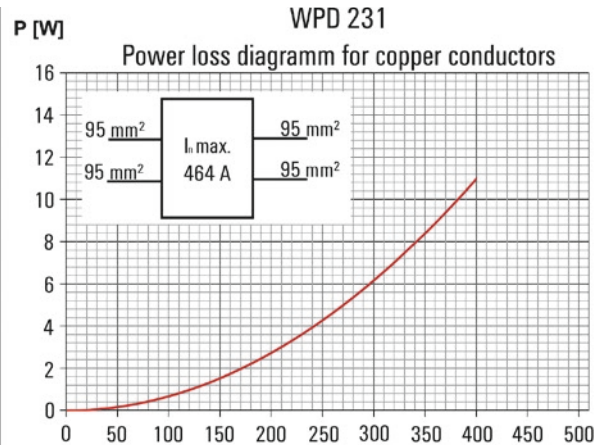
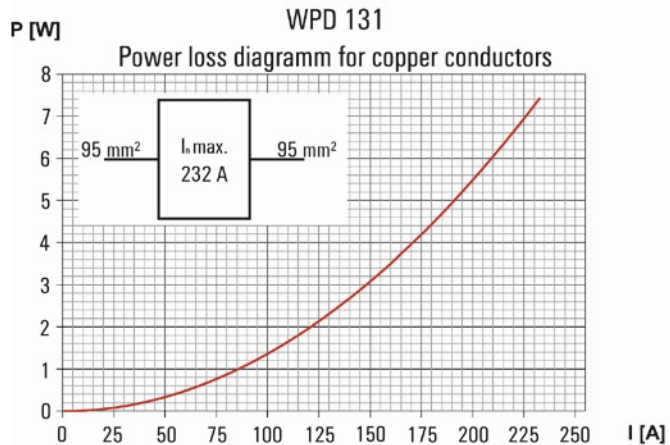


Flexible with ferrule



Sector shaped

Diagrams



Power feed-in Screw connection

W-Series

WPD 132 1X185/1X185 GY



WPD 132

185 mm²

WPD 232

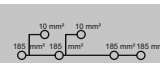
185 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

37,5 / 73,5 / 105
353 / 185
25...185



67,6 / 73,5 / 105
353 / 185
25...185



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	185 mm ²	mm ²
	Auxiliary connection 6 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	185 mm ²	mm ²
	Auxiliary connection 6 mm ²	mm ²
Flexible with ferrule	185 mm ²	mm ²
	Auxiliary connection 6 mm ²	mm ²
Stripping length / Blade size	185 mm ²	mm/-
	Auxiliary connection 6 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	1100
353	310	310	353
185	AWG 4...kcmil 350	AWG 4...kcmil 350	185
6	AWG 16...8	AWG 16...8	6
8 kV / 3			
III / V-0			

Rated connection

95...185 / 95...185
1.5...10 / 1.5...10
25...150
1.5...6
29 / M18 (SW 10)
10 / M4 (+/- PZ2)
see appendix at the end of the chapter

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	1100
706	310	310	353
185	AWG 4...kcmil 350	AWG 4...kcmil 350	185
6	AWG 16...8	AWG 16...8	6
8 kV / 3			
III / V-0			

Rated connection

95...185 / 95...185
1.5...10 / 1.5...10
25...150
1.5...6
29 / M18 (SW 10)
10 / M4 (+/- PZ2)
see appendix at the end of the chapter

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	Qty.	Order No.
WPD 132 1X185/1X185 GY	1	2502750000
WPD 132 1X185/1X185 BL	1	2502760000
WPD 132 1X185/1X185 GN	1	2502770000
WPD 132 1X185/1X185 BN	1	2502780000
WPD 132 1X185/1X185 BK	1	2502790000

Type	Qty.	Order No.
WPD 232 2X185/2X185 GY	1	2502800000
WPD 232 2X185/2X185 BL	1	2502810000
WPD 232 2X185/2X185 GN	1	2502820000
WPD 232 2X185/2X185 BN	1	2502830000
WPD 232 2X185/2X185 BK	1	2502840000






Accessories







Protective cover	
	light grey
End bracket	
	grey
	black
Screwdriver	
	SET
Identification systems	

Type	Qty.	Order No.
WPDPC X32 GY	12	2503380000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000



Type	Qty.	Order No.
WPDPC X32 GY	12	2503380000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000



Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (AL+Cu)

Input (x1) / Output (x1)						Copper			Aluminium	
										
185 mm ²						25 Nm			30,9 Nm	30,9 Nm
150 mm ²										
120 mm ²							25 Nm			
95 mm ²										
70 mm ²						20 Nm				
50 mm ²										
35 mm ²										
25 mm ²										
Flat band 10x15,5x0,8 mm								30,9 Nm		
max. current with 2 x 185 mm ² (acc. to IEC)						706 A			284 A	
Stripping lengths						29 mm				
Allen screw						M18 (SW 10 mm)				

Input (x1) / Output (x1)	Copper		Aluminium	
	 		 	
350 kcmil	250Lb In.		398Lb In.	398Lb In.
300 kcmil		250Lb In.		
250 kcmil				
AWG 3/0				
AWG 2/0		200Lb In.		
AWG 1/0				
AWG 2				
AWG 4				
max. current with 1 x 185 mm ² (acc. to UL)	310 A		250 A	
Stripping lengths	29 mm			
Allen screw	M18 (SW 10 mm)			

Auxiliary connection

Copper		
		
10 mm ²	1,2 Nm	1,2 Nm
6 mm ²		
4 mm ²		
2.5 mm ²		
1.5 mm ²		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/-PZ2)	

		Copper	
			
AWG 8	20.3Lb In.		
AWG 10			
AWG 12			
AWG 14			
AWG 16			
max. current		57 A	
Stripping lengths		10 mm	
screw		M4 (+/- PZ2)	



Stranded



Solid



Flexible with ferrule

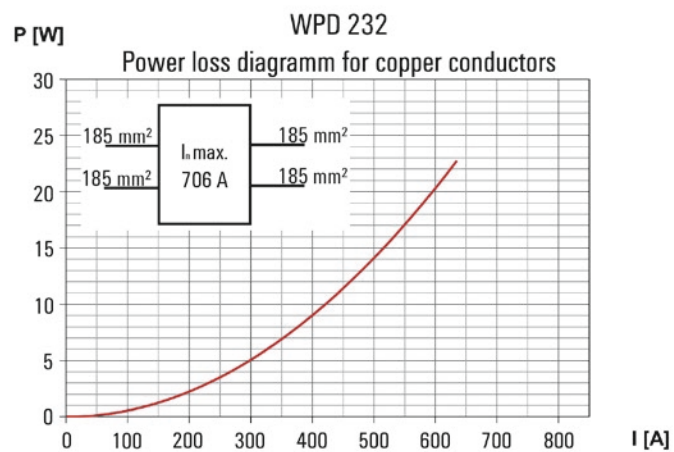
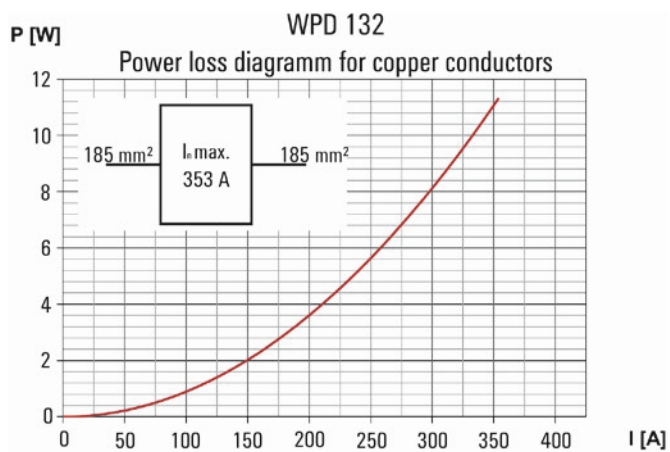


Sector shaped



Flat band

Diagrams



Power feed-in Screw connection

W-Series

WPD 133 1X300/1X300 GY



WPD 133

300 mm²


WPD 233

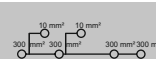
300 mm²


Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

45 / 83.5 / 118
520 / 300
35...300



82.6 / 83.5 / 118
520 / 300
35...300



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	300 mm ²	mm ²
	Auxiliary connection 6 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	300 mm ²	mm ²
	Auxiliary connection 6 mm ²	mm ²
Flexible with ferrule	300 mm ²	mm ²
	Auxiliary connection 6 mm ²	mm ²
Stripping length / Blade size	300 mm ²	mm/-
	Auxiliary connection 6 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	1100
520	420	420	340
300	AWG 2...kcmil 600	AWG 2...kcmil 600	300
6	AWG 16...8	AWG 16...8	6
8 kV / 3			
III / V-0			

Rated connection

150...300 / 150...300
1.5...10 / 1.5...10
35...240
1.5...6
34 / M24 (SW 12)
10 / M4 (+/- PZ2)
see appendix at the end of the chapter

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000	1000	1000	1100
1040	420	420	340
300	AWG 2...kcmil 600	AWG 2...kcmil 600	300
6	AWG 16...8	AWG 16...8	6
8 kV / 3			
III / V-0			

Rated connection

150...300 / 150...300
1.5...10 / 1.5...10
35...240
1.5...6
34 / M24 (SW 12)
10 / M4 (+/- PZ2)
see appendix at the end of the chapter

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	Qty.	Order No.
WPD 133 1X300/1X300 GY	1	2502850000
WPD 133 1X300/1X300 BL	1	2502860000
WPD 133 1X300/1X300 GN	1	2502870000
WPD 133 1X300/1X300 BN	1	2502880000
WPD 133 1X300/1X300 BK	1	2502890000

Type	Qty.	Order No.
WPD 233 2X300/2X300 GY	1	2502900000
WPD 233 2X300/2X300 BL	1	2502910000
WPD 233 2X300/2X300 GN	1	2502920000
WPD 233 2X300/2X300 BN	1	2502930000
WPD 233 2X300/2X300 BK	1	2502940000






Accessories





Protective cover	
	light grey
End bracket	
	grey
	black
Screwdriver	
	SET
Identification systems	

Type	Qty.	Order No.
WPDPC X33 GY	8	2503390000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000



Type	Qty.	Order No.
WPDPC X33 GY	8	2503390000
WEW 35/2 GR 7042	100	1859200000
AEB 35 SC/1 BK	50	2475310000
SK WSD-S 1,5-10,0	1	9008850000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MM WS	800	2007150000



Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (AL+Cu)

Input (x1) / Output (x1)	Copper			Aluminium	
					
300 mm ²	45 Nm			65 Nm	65 Nm
240 mm ²		45 Nm			
185 mm ²					
150 mm ²					
120 mm ²		30 Nm			
95 mm ²					
70 mm ²					
50 mm ²					
35 mm ²					
Flat band 10x20x1 mm			65 Nm		
Max. current with 2 x 300 mm ² (acc. to IEC)	1040 A			340 A	
Stripping lengths	34 mm				
Allen screw	M24 (SW 12 mm)				

Input (x1) / Output (x1)	Copper		Aluminium	
				
600 kcmil	300Lb In.		575Lb In.	575Lb In.
500 kcmil		300Lb In.		
350 kcmil				
300 kcmil				
250 kcmil		200Lb In.		
AWG 3/0				
AWG 2/0				
AWG 1				
AWG 2				
Max. current at 1 x 300 mm ² (acc. to UL)	420 A		340 A	
Stripping lengths	34 mm			
Allen screw	M24 (SW 12 mm)			

Auxiliary connection

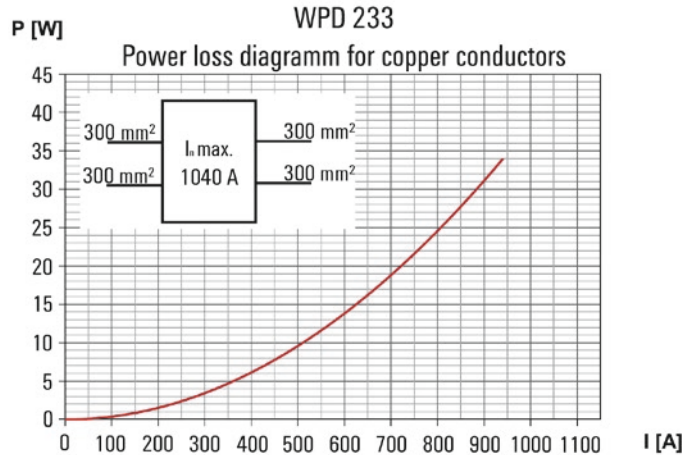
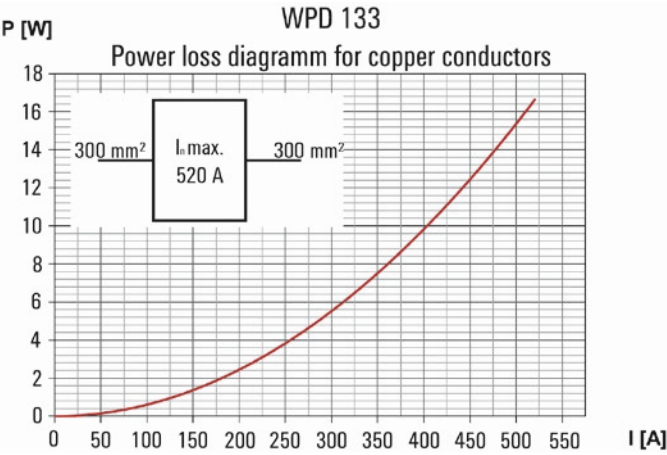
Copper		
		
10 mm ²	1,2 Nm	
6 mm ²		1,2 Nm
4 mm ²		
2.5 mm ²		
1.5 mm ²		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/-PZ2)	

Copper		
		
AWG 8	20.3Lb In.	
AWG 10		20.3Lb In.
AWG 12		
AWG 14		
AWG 16		
max. current	57 A	
Stripping lengths	10 mm	
screw	M4 (+/- PZ2)	

 Stranded  Solid  Flexible with ferrule  Sector shaped

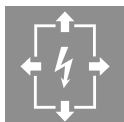
 Flat band

Drawings



The secure and efficient way of distributing power

Klippon® Connect provides the required flexibility

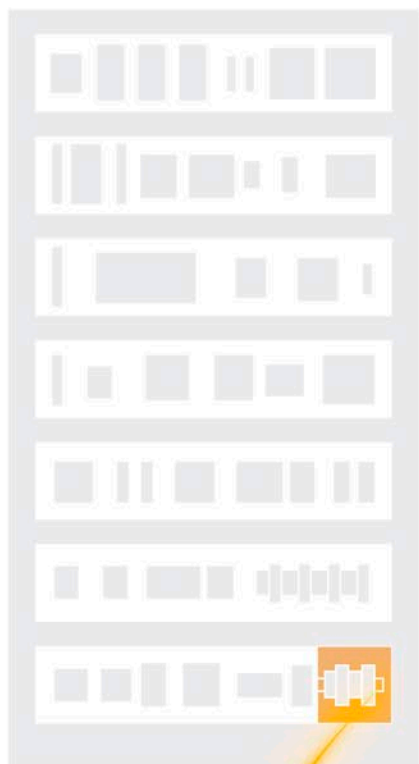


Safe power supply to equipment such as motors is decisive for the availability of plants and machines. The use of increasingly large wire cross-sections and restricted space in the panel is increasing the demands on terminal blocks and distribution blocks and posing new challenges for panel planners. Our comprehensive product range for power distribution ensures excellent flexibility, even in the planning stages. The variety of possible combinations gives you just what you need for all power distribution requirements and enables compact panel design.

Our promise

Rapid installation and flexible combination options with Klippon® Connect, for simple, space-saving installation and increased productivity in the construction of switchgear and panel. This makes the design of your power distribution system noticeably more efficient.

B



**Space saving**

- Space-saving format and variety of functions in a single design
- Flexible expansion thanks to series arrangement and cross connection

Time saving

- Compatible with TS 35 terminal rail
- Optimised design for simple handling and fast installation, even under challenging conditions

Safety

- Safe conductor connection supported by step design
- Finger safety guaranteed in accordance with EN 50274
- Short-circuit resistance to highest SCCR standard

Flexibility

- Range of possible combinations for each requirement
- Can be used around the world thanks to international approvals

Our range**More space, more options – even for aluminium wires:**

The slim design of our WPD X01–X03 main line branch terminals saves a great deal of space. With certification for aluminium conductors according to IEC 61238 “Class A” and a permissible voltage of 1,000 V DC, they meet all the requirements of complex applications.

All-rounder for a better overview:

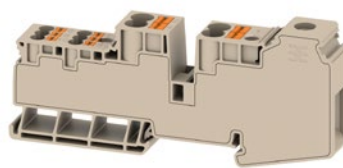
Our WPD X00 & X04-X09 distribution blocks are used in all situations where power is supplied and distributed. Their user-friendly design creates a better overview and enables rapid, efficient implementation of space-saving power distribution.



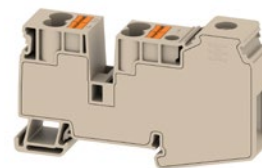
Power distribution

Hybrid connection

AWPD 35 4X6/6X2.5

35 mm²

AWPD 35 4X10

35 mm²

Width / Height / Depth	mm
max. current / max. conductor	A / mm ²
max. clamping range	mm ²

16.2 x 125 x 50			
Screw 35 mm ²	PUSH IN 35 mm ²	PUSH IN 6 mm ²	
105 / 35	24 / 2.5	41 / 6	
1.5...35	0.14...2.5	0.5...6	

16.2 x 95 x 60			
Screw 35 mm ²	PUSH IN 10 mm ²		
105 / 35	50 / 10		
1.5...35	1...10		

Technical data

Rated voltage	Screw 35 mm ²	V
	PUSH IN 2.5 mm ²	V
	PUSH IN 6 mm ²	V
	PUSH IN 10 mm ²	V
Rated current	Screw 35 mm ²	A
	PUSH IN 2.5 mm ²	A
	PUSH IN 6 mm ²	A
	PUSH IN 10 mm ²	A
for wire cross-section	Screw 35 mm ²	mm ²
	PUSH IN 2.5 mm ²	mm ²
	PUSH IN 6 mm ²	mm ²
	PUSH IN 10 mm ²	mm ²

Rated impulse withstand voltage / Pollution severity
Gauge to IEC 60947-1
UL 94 flammability rating
Approvals

Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
flexible / flexible with ferrule	mm ²
Stripping length / Blade size	mm / mm
Tightening torque	Nm

IEC 60947-1

IEC	UL	CSA
1000		
1000		
1000		
1000		
110		
24		
41		
35		
2.5		
6		
Screw 35 mm ²	PUSH IN 2.5 mm ²	PUSH IN 6 mm ²
8kV / 3	8kV / 3	8kV / 3
B9	A3	A5
V-0	V-0	V-0

IEC 60947-1

IEC	UL	CSA
1000		
1000		
110		
57		
35		
10		
Screw 35 mm ²	PUSH IN 10 mm ²	
8kV / 3	8kV / 3	
B9	A6	
V-0	V-0	

Screw 35 mm ²	PUSH IN 10 mm ²
1.5...35 / 1.5...35	1...10 / 1...10
1.5...35 / 1.5...35	1...10 / 1...10
17 / 1 x 5.5	18 / 1 x 5.5
2.5	

Ordering data

Version	dark beige
---------	------------

Type	Order No.
AWPD 35 4X6/6X2.5	2728620000

Type	Order No.
AWPD 35 4X10	2728630000

Accessories

Pluggable cross-connection	
for 1.5 mm ²	2-pole
	10-pole
for 2.5 mm ²	2-pole
	10-pole
for 6 mm ²	2-pole
	10-pole
for 6 mm ²	2-pole
	4-pole
End bracket	
	dark beige
Test adapter	
	1-pole
	1-pole
Screwdriver	
for 2.5 mm ² PUSH IN	Standard
for 6 mm ² PUSH IN	Standard
for 10 mm ² PUSH IN	Standard
for 35 mm ² Screw	Standard
Identification systems	

For detailed information on other accessories and application in the online catalogue

Type	Rated current	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
ZQV 6N/2	41 A	60	1985740000
ZQV 6N/10	41 A	60	1985780000
AEB 35 SCL/1 VO		50	2661280000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	3100000000
SDIS 0.6X3.5X100		1	2749810000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
DEK 8/5 MM WS		800	2007150000
WS-A 8/16 MM WS		200	2619910000
All MultiMark variants (MM) = strip markers			

Type	Rated current	Qty.	Order No.
ZQV 1.5N/2	17.5 A	60	1985410000
ZQV 1.5N/10	17.5 A	20	1985580000
ZQV 2.5N/2	24 A	60	1527540000
ZQV 2.5N/10	24 A	20	1527690000
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/10	32 A	20	1528090000
ZQV 6N/2	41 A	60	1985740000
ZQV 6N/10	41 A	60	1985780000
AEB 35 SCL/1 VO		50	2661280000
ATPG 1.5-10 L		50	1991890000
PS 2.0 MC		20	3100000000
SDIS 0.6X3.5X100		1	2749810000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
SDIS 1.0X5.5X125		1	2749850000
DEK 5/5 PLUS MC NE WS		1000	1854490000
DEK 5/5 MM WS		800	2007110000
DEK 8/5 MM WS		800	2007150000
WS-A 8/16 MM WS		200	2619910000
All MultiMark variants (MM) = strip markers			

AWPD potential distribution terminal block

The potential distribution terminal block AWPD 35 can be fed by wires of crosssection 1.5 or 35 mm². Over standard cross-connections the potential is distributed over any number of terminals blocks of smaller crosssection. Some variants for potential distribution during feed-in are indicated in the table below, including the cross-connection which can be used and the maximum current allowed.

**Integrated into separation plate****Maximum current flow I_{\max} only with AWPD 35 4X10**

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right
AWPD 35 4X10	ZQV 6N	35 mm ²	82 A

Maximum current flow I_{\max} only with AWPD 35 4X6/6X2.5

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right
AWPD 35 4X6/6X2.5	ZQV 6N	35 mm ²	82 A

Maximum current flow I_{\max} only with AWPD 35 4X10

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
AWPD 35 4X10	ZQV 6N	35 mm ²	41 A	82 A

Maximum current flow I_{\max} only with AWPD 35 4X6/6X2.5

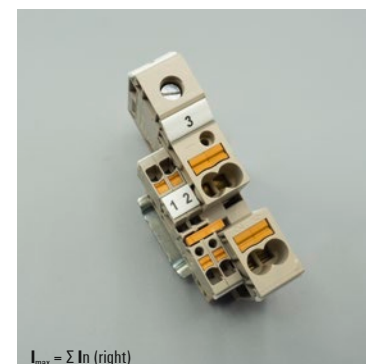
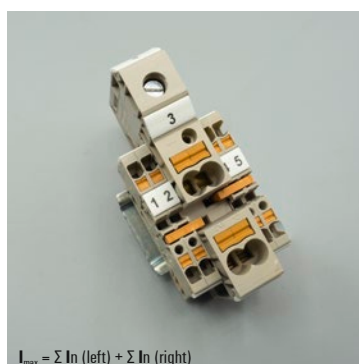
Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
AWPD 35 4X6/6X2.5	ZQV 6N	35 mm ²	41 A	82 A

Maximum current flow I_{\max} only with AWPD 35 4X6/6X2.5

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A3C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A4C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A2C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A3C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A4C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A2C 4	ZQV 4N	35 mm ²	76 A	76 A
A3C 4	ZQV 4N	35 mm ²	76 A	76 A
A4C 4	ZQV 4N	35 mm ²	76 A	76 A
A2C 6	ZQV 6N	35 mm ²	76 A	82 A
A3C 6	ZQV 6N	35 mm ²	76 A	82 A

Maximum current flow I_{\max} only with AWPD 35 4X10

Output terminal	Cross-connection	Wire cross-section Feed-in	Feed-in left or right	Feed-in centred
A2C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A3C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A4C 1.5	ZQV 1.5N	35 mm ²	48 A	72 A
A2C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A3C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A4C 2.5	ZQV 2.5N	35 mm ²	68 A	76 A
A2C 4	ZQV 4N	35 mm ²	76 A	76 A
A3C 4	ZQV 4N	35 mm ²	76 A	76 A
A4C 4	ZQV 4N	35 mm ²	76 A	76 A
A2C 6	ZQV 6N	35 mm ²	76 A	82 A
A3C 6	ZQV 6N	35 mm ²	76 A	82 A



Power distribution

Screw connection

W-Series

WPD 100 2X25/6X10 GY

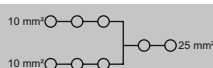


WPD 100

25 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

30.2 / 49 / 55.4
101 / 25
1.5...25



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	25 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	25 mm ²	mm ²
	10 mm ²	mm ²
Flexible with ferrule	25 mm ²	mm ²
	10 mm ²	mm ²
Stripping length / Blade size	25 mm ²	mm/-
	10 mm ²	mm/-
Tightening torque		Nm
Note		

DIN EN 60998-1, IEC 61238-1A

IEC	UL	CSA	EN 60079-7
1000			
101			
25			
		8 kV / 3	
		III / V-0	

Rated connection

2.5...25 / 2.5...25
1.5...10 / 1.5...10
1.5...16
1.5...6
17 / M6 (+/- PZ2)
9 / M5 (+/- PZ2)
see appendix at the end of the chapter

Ordering data

Version	
	lichtgrau
	blau
	grün
Note	

Type	Qty.	Order No.
WPD 100 2X25/6X10 GY	1	1561910000
WPD 100 2X25/6X10 BI	1	1561920000
WPD 100 2X25/6X10 GN	1	1561930000




Accessories


End bracket	
	dark beige
	dark beige
Screwdriver	

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000







Conductor connection data according to DIN EN 60998-1 (Cu), IEC 61238-1 class A (Cu+Al)

Input (x2)	Copper		Aluminium
2x25 mm ²			
25 mm ²	3 Nm	3 Nm	4 Nm
16 mm ²			
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	17 mm		
screw	M6 (+/- PZ2)		

 Stranded

 Solid

 Flexible with ferrule

Output (x6)	Copper		Aluminium
6x16 mm ²			
10 mm ²	2 Nm		3 Nm
6 mm ²		2 Nm	
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	9 mm		
screw	M5 (+/- PZ2)		



Power distribution

Screw connection

W-Series

WPD 110 1X70+1X35/6X16 GY

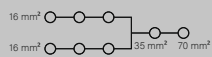


WPD 110

70 mm²


Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

38.5 / 63 / 69.5
192 / 70
1.5...70



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	70 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	70 mm ²	mm ²
	35 mm ²	mm ²
	16 mm ²	mm ²
Flexible with ferrule	70 mm ²	mm ²
	35 mm ²	mm ²
	16 mm ²	mm ²
Stripping length / Blade size	70 mm ²	mm/-
	35 mm ²	mm/-
	16 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
192			
70			
	8 kV / 3		
	III / V-0		
Rated connection			
10...70 / 4...35			
4...35 / 4...35			
1.5...16 / 1.5...16			
6...50			
2.5...25			
1.5...10			
27 / M10			
26 / M8			
13 / M6			
see appendix at the end of the chapter			



Ordering data

Version	
	light grey
	blue
	green
Note	

Type	Qty.	Order No.
WPD 110 1X70+1X35/6X16 GY		2603810000
WPD 110 1X70+1X35/6X16 BL		2603820000
WPD 110 1X70+1X35/6X16 GN		2603830000




Accessories




End bracket	
	dark beige
	dark beige
Screwdriver	




Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000






Conductor connection data according to DIN EN 60998-1 (Cu), IEC 61238-1 class A (Cu+Al)

Input	Copper		Aluminium
1x 70 mm ²			
70 mm ²	10 Nm	10 Nm	12 Nm
50 mm ²			
35 mm ²			
25 mm ²			
16 mm ²			
10 mm ²			
6 mm ²	27 mm	M10 (+/- PZ2)	
Stripping lengths			
Screw			

Input	Copper		Aluminium
1x 35 mm ²			
35 mm ²	6 Nm	6 Nm	
25 mm ²			
16 mm ²			
10 mm ²			
6 mm ²			
4 mm ²			
2,5 mm ²	26 mm	M8 (+/- PZ2)	
Stripping lengths			
Screw			

Output	Copper		Aluminium
6x 16 mm ²			
16 mm ²	3 Nm		10 Nm
10 mm ²		3 Nm	
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	13 mm		
Screw	M6 (+/- PZ2)		

 Stranded  Solid  Flexible with ferrule



Power distribution

Screw connection

W-Series

WPD 101 2X25/2X16 GY



WPD 101

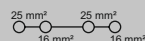
25 mm²

WPD 301

25 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

17.8 / 49.3 / 55.7
101 / 25
1.5...25



53 / 49.3 / 55.7
101 / 25
1.5...25



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	25 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	25 mm ²	mm ²
	16 mm ²	mm ²
Flexible with ferrule	25 mm ²	mm ²
	16 mm ²	mm ²
Stripping length / Blade size	25 mm ²	mm/-
	16 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1, DIN EN 6063-3-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
101	85	90	
25	AWG 16...4	AWG 16...4	
8 kV / 3			
III / V-0			

Rated connection

2.5...25 / 2.5...25
4...25 / 4...25
1.5...16
2.5...16
19 / M6 (+/- PZ2)
19 / M6 (+/- PZ2)

see appendix at the end of the chapter

IEC 60947-7-1, DIN EN 6063-3-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
101	85	90	
25	AWG 16...4	AWG 16...4	
8 kV / 3			
III / V-0			

Rated connection

2.5...25 / 2.5...25
4...25 / 4...25
1.5...16
2.5...16
19 / M6 (+/- PZ2)
19 / M6 (+/- PZ2)

see appendix at the end of the chapter

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
	3x light grey / blue
	green / 3x light grey / blue
Note	

Type	Qty.	Order No.
WPD 101 2X25/2X16 GY	5	1560730000
WPD 101 2X25/2X16 BL	5	1560670000
WPD 101 2X25/2X16 GN	5	1560650000
WPD 101 2X25/2X16 BN	5	1561120000
WPD 101 2X25/2X16 BK	5	1561100000

Type	Qty.	Order No.
WPD 301 2X25/2X16 3XGY	2	1561130000

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

WPD 401

25 mm²



71.6 / 49.3 / 55.7
101 / 25
1.5...25



IEC 60947-7-1, DIN EN 6063-3-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
101	85	90	
25	AWG 16...4	AWG 16...4	
8 kV / 3			
III / V-0			

Rated connection

2.5...25 / 2.5...25

4...25 / 4...25

1.5...16

2.5...16

19 / M6 (+/- PZ2)

19 / M6 (+/- PZ2)

see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 401 2X25/2X16 4XGY	1	1561800000
WPD 401 2X25/2X16 3XGY/1XBL	1	1562130000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

WPD 501

25 mm²



88.8 / 49.3 / 55.7
101 / 25
1.5...25



IEC 60947-7-1, DIN EN 6063-3-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
101	85	90	
25	AWG 16...4	AWG 16...4	
8 kV / 3			
III / V-0			

Rated connection

2.5...25 / 2.5...25

4...25 / 4...25

1.5...16

2.5...16

19 / M6 (+/- PZ2)

19 / M6 (+/- PZ2)

see appendix at the end of the chapter

Type	Qty.	Order No.
WPD 501 2X25/2X16 5XGY	1	1561750000
WPD 501 2X25/2X16 1XGN/3XGY/1XBL	1	1562140000




Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000



Power distribution

Screw connection

Conductor connection data according to VDE 0603-2 (Cu), IEC 61238-1 Class A (Al)




Output (x2) / Output (x2)				Copper		Aluminium				
2x35 mm ² (round conductor)										
25 mm ²	3,5 Nm	3,5 Nm	3,5 Nm	4 Nm						
16 mm ²										
10 mm ²										
6 mm ²										
4 mm ²										
2.5 mm ²										
1.5 mm ²										
Stripping lengths	19 mm									
screw	M6 (+/- PZ2)									








Mehrdrätig

Eindrätig

Feindrätig mit Aderendhülse

Input (x2) / Output (x2)	Copper		Aluminium		
2x16 mm ² (round conductor)					
35 mm ²	2,5 Nm	2,5 Nm	4 Nm		
25 mm ²					
16 mm ²					
10 mm ²					
6 mm ²					
4 mm ²					
2.5 mm ²					
Stripping lengths	19 mm				
screw	M6 (+/- PZ2)				

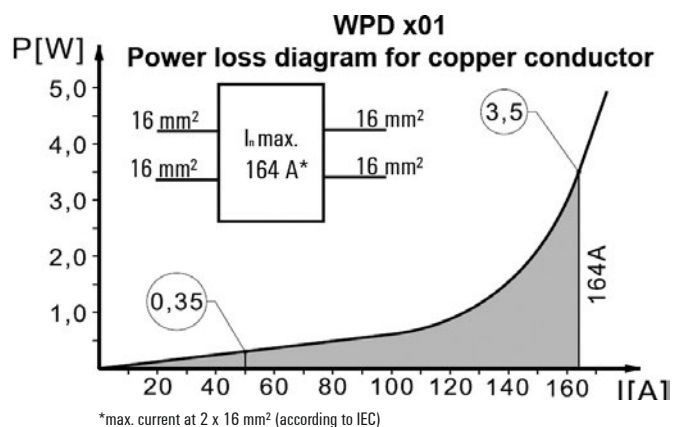
UL Rating data according to UL 1059

Certificate no. (UR)	XCFR2.E60693				
connection point A					CP** B
Input (line)	Copper		Aluminium		Copper
					
AWG 2/0	88.5 Lb In.				
AWG 1/0					
AWG 2		88.5 Lb In.	120.4 Lb In.	100 Lb In.	
AWG 4					
AWG 6					
AWG 8					
AWG10					
Flat band 15.5x3.2 mm					17.4 Lb In.
max. current	160 A	150 A	135 A	120 A	160 A
Voltage size B,C (UR)	600 V				
** CP - connection point					

CSA rating data according to CSA 22.2 No. 158

Certificate No. (cURus)	XCFR8.E60693	
Voltage size B,C (cURus) - Cu	600 V	
	Current size B,C (cURus) - CU / CU / Tightening torque	
	Line	Load
AWG 4	90 A / 2,5 Nm	65 A / 2,1 Nm
AWG 6		
AWG 8		
AWG 10		
AWG 12		
AWG 14		
AWG 16		

Voltage size C (cURus) - AL	600 V	
	Current size B,C (cURus) - AL / AL / Tightening torque	
	Line	Load
AWG 4	65 A / 4 Nm	
AWG 6	50 A / 4 Nm	
AWG 8		
AWG 10		
AWG 12		
AWG 14		
AWG 16		





Power distribution

Screw connection

W-Series

WPD 401 2X25/2X16 4XGY



WPD 102

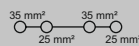
35 mm²


WPD 302

35 mm²


Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

22.2 / 49.3 / 55.7
125 / 35
2.5...35



66.6 / 49.3 / 55.7
125 / 35
2.5...35



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	35 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	35 mm ²	mm ²
	25 mm ²	mm ²
Flexible with ferrule	35 mm ²	mm ²
	25 mm ²	mm ²
Stripping length / Blade size	35 mm ²	mm/-
	25 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1, DIN EN 6063-3-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
125	115	125	
35	AWG 14...2	AWG 14...2	
	8 kV / 3		
	III / V-0		

Rated connection

4...35 / 4...35
4...35 / 4...35
2.5...25
2.5...25
22 / M6 (+/- PZ2)
18 / M6 (+/- PZ2)
see appendix at the end of the chapter

IEC 60947-7-1, DIN EN 6063-3-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
125	115	125	
35	AWG 14...2	AWG 14...2	
	8 kV / 3		
	III / V-0		

Rated connection

4...35 / 4...35
4...35 / 4...35
2.5...25
2.5...25
22 / M6 (+/- PZ2)
18 / M6 (+/- PZ2)
see appendix at the end of the chapter

Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	Qty.	Order No.
WPD 102 2X35/2X25 GY	5	1561680000
WPD 102 2X35/2X25 BL	5	1561640000
WPD 102 2X35/2X25 GN	5	1561670000
WPD 102 2X35/2X25 BN	5	1561650000
WPD 102 2X35/2X25 BK	5	1561630000

Type	Qty.	Order No.
WPD 302 2X35/2X25 3XGY	2	1561740000







Accessories




End bracket	
	dark beige
	dark beige
Screwdriver	

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2	1	9008540000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2	1	9008540000

Conductor connection data according to VDE 0603-2 (Cu), IEC 61238-1 Class A (Al)

Input (x2) / Output (x2)	Copper		Aluminium	Input (x2) / Output (x2)	Copper		Aluminium
2x35 mm ² (round conductor)				2x25 mm ² (Rundleiter)			
35 mm ²	3,5 Nm	3,5 Nm	8 Nm	35 mm ²	3,5 Nm	3,5 Nm	6 Nm
25 mm ²			6 Nm	25 mm ²			4 Nm
16 mm ²			4 Nm	16 mm ²			
10 mm ²				10 mm ²			
6 mm ²				6 mm ²			
4 mm ²				4 mm ²			
2.5 mm ²				2.5 mm ²			
1.5 mm ²				1.5 mm ²			
Stripping lengths	22 mm			Stripping lengths	18 mm		
screw	M6 (+/- PZ2)			screw	M6 (+/- PZ2)		

 Stranded
 Solid
 Flexible with ferrule

UL Rating data according to UL 1059

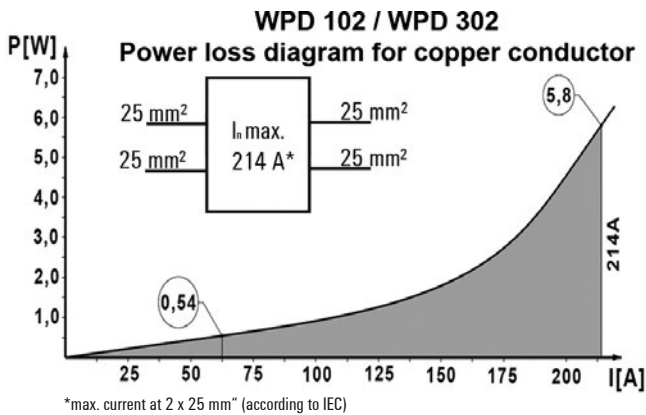
Certificate no. (UR)	XCFR2.E60693	
Voltage size B,C (UR) - CU	600 V	
	Current size B,C (UR) - CU / Tightening torque	
	Line	Load
AWG 2	115 A / 31 Lb In.	85 A / 22.1 Lb In.
AWG 4		
AWG 6		
AWG 8		
AWG 10		
AWG 12		
AWG 14		

Voltage size B,C (UR) - AL	600 V	
	Current size B,C (UR) - AL / Tightening torque	
	Line	Load
AWG 2	65 A / 70.8 Lb In.	65 A / 53 Lb In.
AWG 4	50 A / 70.8 Lb In.	50 A / 35 Lb In.
AWG 6		
AWG 8		
AWG 10		
AWG 12		
AWG 14		

CSA rating data according to CSA 22.2 No. 158

Certificate No. (cURus)	XCFR8.E60693	
Voltage size B,C (cURus) - Cu	600 V	
	Current size B,C (cURus) - CU / CU / Tightening torque	
	Line	Load
AWG 2	125 A / 3,5 Nm	85 A / 2,5 Nm
AWG 4		
AWG 6		
AWG 8		
AWG 10		
AWG 12		
AWG 14		

Voltage size C (cURus) - AL	600 V	
	Current size B,C (cURus) - AL / AL / Tightening torque	
	Line	Load
AWG 2	90 A / 8 Nm	90 A / 8 Nm
AWG 4	65 A / 6 Nm	65 A / 6 Nm
AWG 6	50 A / 4 Nm	65 A / 6 Nm
AWG 8		
AWG 10		
AWG 12		
AWG 14		



Power distribution

Screw connection

W-Series

WPD 202 4x35/4x25 GY



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	35 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	35 mm ²	mm ²
	25 mm ²	mm ²
Flexible with ferrule	35 mm ²	mm ²
	25 mm ²	mm ²
Stripping length / Blade size	35 mm ²	mm/-
	25 mm ²	mm/-
Tightening torque		Nm
Note		

Ordering data

Version		
	light grey	
	blue	
	green	
	brown	
	black	
Note		

Accessories

End bracket	
	dark beige
	dark beige
Screwdriver	

WPD 202

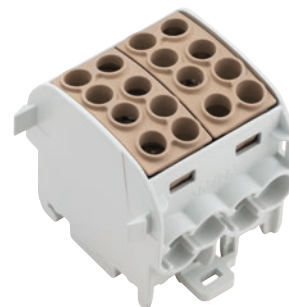
35 mm²


43.2 / 49.3 / 55.7
125 / 35
2.5...35



IEC 60947-7-1, DIN EN 6063-3-1




IEC	UL	CSA	EN 60079-7
1000	600	600	
125	115	125	
35	AWG 14...2	AWG 14...2	
8 kV / 3			
III / V-0			
Rated connection			
4...35 / 4...35			
4...35 / 4...35			
2.5...25			
2.5...25			
22 / M6 (+/- PZ2)			
18 / M6 (+/- PZ2)			
see appendix at the end of the chapter			









Type	Qty.	Order No.
WPD 202 4x35/4x25 GY	2	1561730000
WPD 202 4x35/4x25 BL	2	1561700000
WPD 202 4x35/4x25 GN	2	1561620000
WPD 202 4x35/4x25 BN	2	1561720000
WPD 202 4x35/4x25 BK	2	1561690000

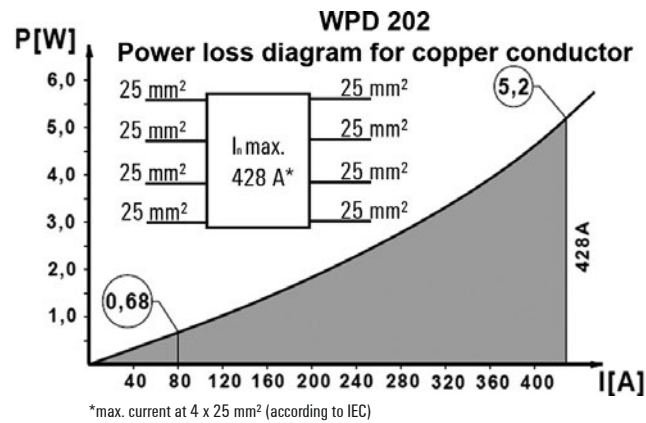
Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000

Conductor connection data according to VDE 0603-2 (Cu), IEC 61238-1 Class A (Al)

Input (x4) / Output (x4)	Copper		Aluminium
4x35 mm ² (round conductor)			
35 mm ²	3,5 Nm	3,5 Nm	8 Nm
25 mm ²			6 Nm
16 mm ²			4 Nm
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	22 mm		
screw	M8 (+/- PZ2)		

 Stranded  Solid  Flexible with ferrule

Input (x4) / Output (x4)	Copper		Aluminium
4x25 mm ² (round conductor)			
35 mm ²	3,5 Nm	3,5 Nm	8 Nm
25 mm ²			6 Nm
16 mm ²			4 Nm
10 mm ²			
6 mm ²			
4 mm ²			
2.5 mm ²			
1.5 mm ²			
Stripping lengths	18 mm		
screw	M6 (+/- PZ2)		



Power distribution

Screw connection

W-Series

WPD 103 2X70/2X50 GY

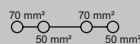


WPD 103

70 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

32.9 / 53.1 / 63
192 / 70
6...70



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	70 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	70 mm ²	mm ²
	50 mm ²	mm ²
Flexible with ferrule	70 mm ²	mm ²
	50 mm ²	mm ²
Stripping length / Blade size	70 mm ²	mm/-
	50 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1, DIN EN 6033-1

IEC	UL	CSA	EN 60079-7
1000	600	600	
192	160	160	
70	AWG 10...2/0	AWG 10...2/0	
	8 kV / 3		
	III / V-0		

Rated connection

10...70 / 4...35
10...50 / 10...50
6...50
6...50
25 / M10 (SW 4)
20 / M8 (SW 4)
see appendix at the end of the chapter



Ordering data

Version	
	light grey
	blue
	green
	brown
	black
Note	

Type	Qty.	Order No.
WPD 103 2X70/2X50 GY	3	1561770000
WPD 103 2X70/2X50 BL	3	1561780000
WPD 103 2X70/2X50 GN	3	1561790000
WPD 103 2X70/2X50 BN	3	1561820000
WPD 103 2X70/2X50 BK	3	1561830000




Accessories




End bracket	
	dark beige
	dark beige
Screwdriver	
	SET




Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SK WSD-S 1,5-10,0	1	9008850000



Conductor connection data according to VDE 0603-2 (Cu), IEC 61238-1 Class A (Al)

Input (x2) / Output (x2)	Copper		Aluminium
2x70 mm ² (round conductor)			
70 mm ²	10 Nm	10 Nm	18 Nm
50 mm ²			10 Nm
35 mm ²			8 Nm
25 mm ²			6 Nm
16 mm ²			4 Nm
10 mm ²			
6 mm ²			
4 mm ²			
Stripping lengths	25 mm		
screw	M10 (SW 4 mm)		

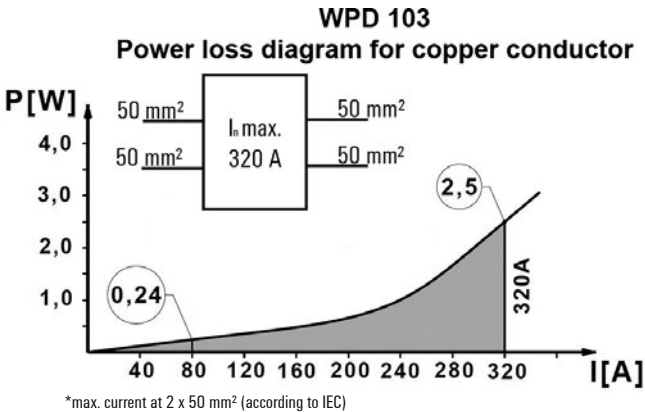
 Stranded  Solid  Flexible with ferrule

Input (x2) / Output (x2)	Copper		Aluminium
2x90 mm ² (round conductor)			
70 mm ²	6 Nm	6 Nm	10 Nm
50 mm ²			8 Nm
35 mm ²			6 Nm
25 mm ²			4 Nm
16 mm ²			
10 mm ²			
6 mm ²			
4 mm ²			
Stripping lengths	20 mm		
screw	M8 (SW 4 mm)		

CSA rating data according to CSA 22.2 No. 158

Certificate No. (cURus)	XCFR8.E60693	
Voltage size B,C (cURus) - Cu	600 V	
	Current size B,C (cURus) - CU / CU / Tightening torque	
	Line	Load
AWG 2/0	160 A / 10 Nm	150 A / 6 Nm
AWG 1/0		
AWG 2		
AWG 4		
AWG 6		
AWG 8		
AWG 10		

Voltage size C (cURus) - AL	600 V	
	Current size B,C (cURus) - AL / AL / Tightening torque	
	Line	Load
AWG 2/0	135 A / 18 Nm	
AWG 1/0	120 A / 10 Nm	1351 A / 10 Nm
AWG 2	90 A / 8 Nm	120 A / 10 Nm
AWG 4	65 A / 6 Nm	90 A / 8 Nm
AWG 6	50 A / 4 Nm	
AWG 8		
AWG 10		



Power distribution

Screw connection

W-Series

WPD 104 1x25+1x16/2x16+3x10



WPD 104

25 mm²



WPD 204

25 mm²



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

31.5 / 49 / 68	10 mm ²	16 mm ²	25 mm ²
101 / 25			
1.5...25			

63 / 49 / 68	10 mm ²	16 mm ²	25 mm ²
101 / 25			
1.5...25			

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	25 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	25 mm ²	mm ²
	16 mm ²	mm ²
	10 mm ²	mm ²
	10 mm ²	mm ²
Flexible with ferrule	25 mm ²	mm ²
	16 mm ²	mm ²
	10 mm ²	mm ²
	10 mm ²	mm ²
Stripping length / Blade size	25 mm ²	mm/-
	16 mm ²	mm/-
	10 mm ²	mm/-
	10 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

IEC	UL	CSA	EN 60079-7
1000	600	600	550
101	85	85	101
25	AWG 12...4	AWG 12...4	25
8 kV / 3			
III / V-0			

Rated connection	
2.5...25 / 2.5...25	
1.5...16 / 1.5...16	
1.5...10 / 1.5...10	
1.5...16	
1.5...10	
1.5...6	
12 / M5	
14 / M6	
19 / M6	

see appendix at the end of the chapter

IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

IEC	UL	CSA	EN 60079-7
1000	600	600	550
101	85	85	101
25	AWG 12...4	AWG 12...4	25
8 kV / 3			
III / V-0			

Rated connection	
2.5...25 / 2.5...25	
1.5...16 / 1.5...16	
1.5...10 / 1.5...10	
1.5...16	
1.5...10	
1.5...6	
12 / M5	
14 / M6	
19 / M6	

see appendix at the end of the chapter

Ordering data

Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 104 1x25+1x16/2x16+3x10 GY	1	1562000000
WPD 104 1x25+1x16/2x16+3x10 BL	1	2518250000
WPD 104 1x25+1x16/2x16+3x10 RD	1	2725260000
WPD 104 1x25+1x16/2x16+3x10 BK	1	2725360000

Type	Qty.	Order No.
WPD 204 2X25/4X16+6X10 2XGY	1	1562150000
WPD 204 2X25/4X16+6X10 2XBL	1	2518330000
WPD 204 2x25/4x16+6x10 2xRD	1	2725290000
WPD 204 2x25/4x16+6x10 2xBK	1	2725390000

Accessories

Cross connection	
	2-pole
	3-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WQB WPD X04/2	20	1561980000
WQB WPD X04/3	20	1561990000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

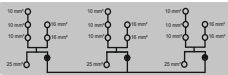
Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

WPD 304

25 mm²



94.5 / 49 / 68
101 / 25
1.5...25



IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

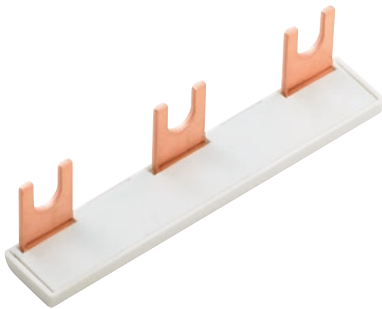
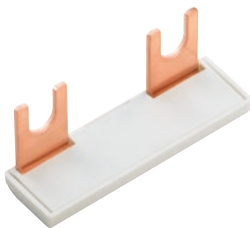
IEC	UL	CSA	EN 60079-7
1000	600	600	550
101	85	85	101
25	AWG 12...4	AWG 12...4	25
8 kV / 3			
III / V-0			

Rated connection

2.5...25 / 2.5...25
1.5...16 / 1.5...16
1.5...10 / 1.5...10
1.5...16
1.5...10
1.5...6
12 / M5
14 / M6
19 / M6
see appendix at the end of the chapter





Type	Qty.	Order No.
WPD 304 3X25/6X16+9X10 3XGY	1	1562160000
WPD 304 3X25/6X16+9X10 3XBL	1	2518340000
WPD 304 3x25/6x16+9x10 3xRD	1	2725300000
WPD 304 3x25/6x16+9x10 3xBK	1	2725400000

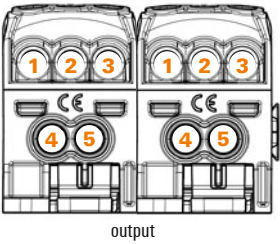
Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



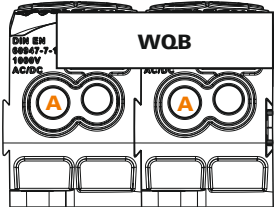
Power distribution
Screw connection

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)













connection point A				
Input	Copper		Aluminium*	
				
25 mm ²	2,5 Nm		5,1 Nm	5,1 Nm
16 mm ²				
10 mm ²		2,5 Nm		
6 mm ²				
4 mm ²				
2.5 mm ²				
1.5 mm ²				
Stripping lengths		19 mm		
Allen screw		M6		
* Values according to UL 1059				



output



input

Output	connection point 1/2/3				connection point 4/5				connection point B								
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*						
																	
16 mm ²	2 Nm	2 Nm			2,5 Nm	2,5 Nm			2,5 Nm	2,5 Nm							
10 mm ²			5,1 Nm				5,1 Nm	5,1 Nm									
6 mm ²																	
4 mm ²																	
2.5 mm ²																	
1.5 mm ²																	
Stripping lengths	12 mm				14 mm				19 mm								
Allen screw	M5				M6				M6								
* Values according to UL 1059																	



Stranded



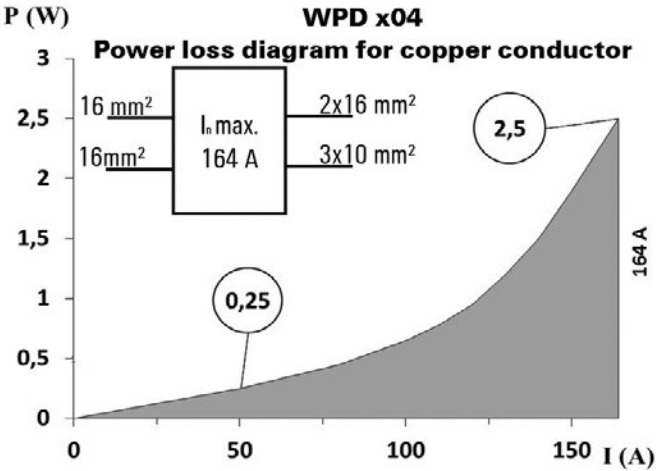
Solid







Flexible with ferrule















Sector shaped



UL Rating data according to UL 1059

Certificate no. (UR)		XCFR2.E60693			
connection point A					
Input (line)	Copper		Aluminium		
					
AWG 4	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.	
AWG 6					
AWG 8					
AWG 10					
AWG 12					
max. current	85 A	65 A	65 A	50 A	
Voltage size B,C (UR)	600 V				

output (load)	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
												
AWG 4	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	22.1 Lb In.	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	22.1 Lb In.
AWG 6												
AWG 8												
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	65 A	50 A	50 A		85 A	65 A	65 A	50 A	65 A	50 A	50 A	
Voltage size B,C (UR)	600 V											



Mehrdrätig

Eindrätig

Feindrätig mit Aderendhülse

CSA-Bemessungsdaten nach CSA 22.2 Nr. 158

Certificate No. (CSA)		269832			
		Input		Output	
		CP* A	CP* 1/2/3	CP* 4/5	CP*B
AWG 4	2,5 Nm.	2,5 Nm	2,5 Nm	2,5 Nm	2,5 Nm
AWG 6					
AWG 8					
AWG 10					
AWG 12					
AWG 14					
AWG 16					
max. current		85 A	50 A	50 A	65 A
Voltage size C (CSA)	600 V				
* CP - connection point					



Power distribution

Screw connection

W-Series

WPD 105 1x35+1x16/2x25+3x16



WPD 105

35 mm²



WPD 205

35 mm²



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

35.6 / 53.7 / 70	16 mm ²	16 mm ²	16 mm ²	16 mm ²
125 / 35	25 mm ²	16 mm ²	35 mm ²	
2.5...35				

71.2 / 53.7 / 70	16 mm ²	16 mm ²	16 mm ²	16 mm ²
125 / 35	25 mm ²	16 mm ²	35 mm ²	
2.5...35				

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	35 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	35 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
	16 mm ²	mm ²
Flexible with ferrule	35 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
	16 mm ²	mm ²
Stripping length / Blade size	35 mm ²	mm/-
	25 mm ²	mm/-
	16 mm ²	mm/-
	16 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

IEC	UL	CSA	EN 60079-7
1000	600	600	690
125	115	85	125
35	AWG 12...2	AWG 12...2	35
8 kV / 3			
III / V-0			
Rated connection			
4...35 / 4...35			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
2.5...25			
1.5...16			
1.5...10			
19 / M8			
14 / M6			
12 / M6			
see appendix at the end of the chapter			

IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

IEC	UL	CSA	EN 60079-7
1000	600	600	690
125	115	85	125
35	AWG 12...2	AWG 12...2	35
8 kV / 3			
III / V-0			
Rated connection			
4...35 / 4...35			
2.5...25 / 2.5...25			
1.5...16 / 1.5...16			
2.5...25			
1.5...16			
1.5...10			
19 / M8			
14 / M6			
12 / M6			
see appendix at the end of the chapter			

Ordering data

Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 105 1x35+1x16/2x25+3x16 GY	1	1562170000
WPD 105 1x35+1x16/2x25+3x16 BL	1	2518540000
WPD 105 1x35+1x16/2x25+3x16 RD	1	2725310000
WPD 105 1x35+1x16/2x25+3x16 BK	1	2725410000

Type	Qty.	Order No.
WPD 205 2x35/4x25+6x16 2xGY	1	1562180000
WPD 205 2x35/4x25+6x16 2xBL	1	2519470000
WPD 205 2x35/4x25+6x16 2xRD	1	2725320000
WPD 205 2x35/4x25+6x16 2xBK	1	2725420000

Accessories

Cross connection	
	2-pole
	3-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WQB WPD X05/2	20	1561960000
WQB WPD X05/3	20	1561970000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

WPD 305 35 mm²



106.8 / 53.7 / 70

125 / 35

2.5...35

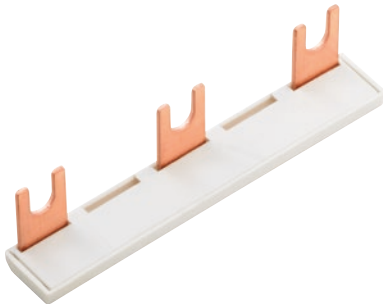
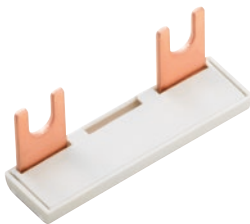
IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

IEC	UL	CSA	EN 60079-7
1000	600	600	690
125	115	85	125
35	AWG 12...2	AWG 12...2	35
8 kV / 3			
III / V-0			

Rated connection
4...35 / 4...35
2.5...25 / 2.5...25
1.5...16 / 1.5...16
2.5...25
1.5...16
1.5...10
19 / M8
14 / M6
12 / M6
see appendix at the end of the chapter





Type	Qty.	Order No.
WPD 305 3x35/6x25+9x16 3xGY	1	1562190000
WPD 305 3x35/6x25+9x16 3xBL	1	2521770000
WPD 305 3x35/6x25+9x16 3xRD	1	2725330000
WPD 305 3x35/6x25+9x16 3xBK	1	2725430000

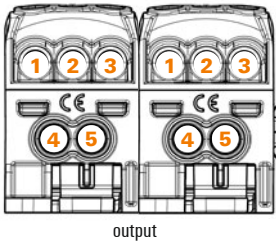
Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



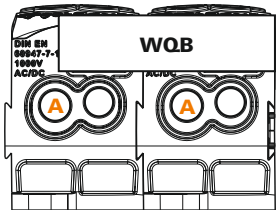
Power distribution
Screw connection

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)













connection point A				
Input	Copper		Aluminium*	
				
35 mm²	3,5 Nm		11,3 Nm	11,3 Nm
25 mm²				
16 mm²		3,5 Nm		
10 mm²				
6 mm²				
4 mm²				
2.5 mm²				
Stripping lengths	19 mm			
Allen screw	M8			
* Values according to UL 1059				



output



input

Output	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
												
25 mm²	2 Nm	2 Nm	5,1 Nm	2,5 Nm	2,5 Nm	5,1 Nm	5,1 Nm	2,5 Nm	2,5 Nm	5,1 Nm		
16 mm²												
10 mm²												
6 mm²												
4 mm²												
2.5 mm²												
1.5 mm²												
Stripping lengths	12 mm				14 mm				19 mm			
Allen screw	M6				M6				M6			
* Values according to UL 1059												



Stranded



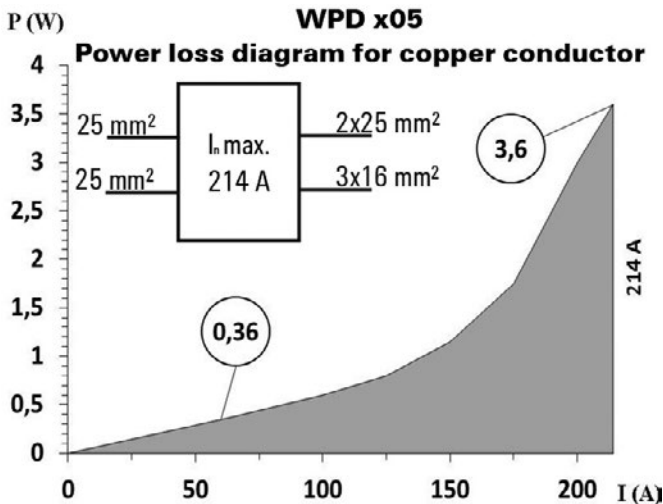
Solid








Flexible with ferrule















Sector shaped



UL Rating data according to UL 1059

Certificate no. (UR)		XCPR2.E60693			
connection point A					
Input (line)	Copper		Aluminium		
					
AWG 2	31 Lb In.		100 Lb In.		100 Lb In.
AWG 4					
AWG 6					
AWG 8					
AWG 10					
AWG 12					
max. current	115 A	85 A	90 A	65 A	
Voltage size B,C (UR)	600 V				

output (load)	connection point 1/2/3				connection point 4/5				connection point B			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
												
AWG 4	22.1 Lb In.				22.1 Lb In.		45.1 Lb In.		22.1 Lb In.			
AWG 6			45.1 Lb In.				45.1 Lb In.			45.1 Lb In.		
AWG 8												
AWG 10												
AWG 12												
AWG 14												
AWG 16												
max. current	65 A	50 A	50 A		85 A	65 A	65 A	50 A	65 A	50 A	50 A	
Voltage size B,C (UR)	600 V											



Stranded



Solid



Flexible with ferrule



Sector shaped

CSA-Bemessungsdaten nach CSA 22.2 Nr. 158

Certificate No. (CSA)		269832			
	Input	Output			
	CP* A	CP* 1/2/3	CP* 4/5	CP* B	
AWG 4	31 Lb In.				
AWG 4					
AWG 6		22.1 Lb In.	22.1 Lb In.	22.1 Lb In.	
AWG 8					
AWG 10					
AWG 12					
AWG 14					
AWG 16					
max. current	115 A	85 A	85 A	85 A	
Voltage size C (CSA)	600 V				
* CP - connection point					



Power distribution

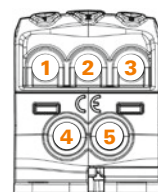
Screw connection

W-Series

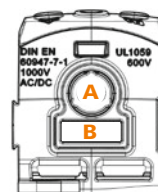
WPD 106 1X70/2X25+3X16 GY



WPD 106

70 mm²

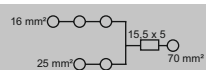
output



input

Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

39.5 / 50.4 / 70
192 / 70
10...70



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	70 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	70 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
Flexible with ferrule	70 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
Stripping length / Blade size	70 mm ²	mm/-
	25 mm ²	mm/-
	16 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

IEC	UL	CSA	EN 60079-7
1000	600	600	550
192	160	175	160
70	AWG 10...2/0	AWG 10...2/0	70
8 kV / 3			
III / V-0			

Rated connection

10...70 / 10...70
2.5...25 / 2.5...25
1.5...16 / 1.5...16
6...50
1.5...16
1.5...10
19 / M8
14 / M6
12 / M6

see appendix at the end of the chapter

Ordering data

Version	
grey	
blue	
red	
black	
Note	






Type	Qty.	Order No.
WPD 106 1x70/2x25+3x16 GY	1	1562210000
WPD 106 1x70/2x25+3x16 BL	1	2518570000
WPD 106 1x70/2x25+3x16 RD	1	2725340000
WPD 106 1x70/2x25+3x16 BK	1	2725440000

Accessories

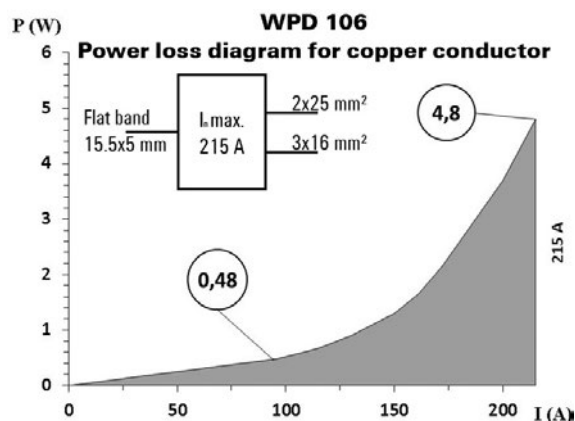
Cross connection	
2-pole	
End bracket	
dark beige	
dark beige	
Screwdriver	
SET	








Type	Qty.	Order No.
WQB WPD X06/2	20	1561940000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)






connection point A						CP** B
Input	Copper		Aluminium*		Copper	
						
70 mm²	10 Nm				2 Nm	
50 mm²						
35 mm²		10 Nm	13,6 Nm	13,6 Nm		
25 mm²						
16 mm²						
10 mm²						
6 mm²						
Flat band 15,5x5 mm					2 Nm	
Stripping lengths	19 mm				17 mm	
Allen screw	M8				M5	
* Values according to UL 1059 ** CP - connection point						

* Values according to UL 1059 ** CP - connection point








Output	connection point 1/2/3				connection point 4/5			
	Copper		Aluminium*		Copper		Aluminium*	
								
25 mm²	2 Nm	2 Nm	5,1 Nm	2,5 Nm	2,5 Nm	5,1 Nm	5,1 Nm	
16 mm²								
10 mm²								
6 mm²								
4 mm²								
2.5 mm²								
1.5 mm²								
Stripping lengths	12 mm				14 mm			
Allen screw	M6				M6			
* Values according to UL 1059								

* Values according to UL 1059

 Mehrdrähtig
 Eindrätig
 Feindrätig mit Aderendhülse
 Sektorförmig
 Flachband

UL Rating data according to UL 1059









Certificate no. (UR)		XCFR2.E60693			
		connection point A			CP** B
Input (line)	Copper	Aluminium			Copper
					
AWG 2/0	88.5 Lb In.	88.5 Lb In.	120.4 Lb In.	100 Lb In.	
AWG 1/0					
AWG 2					
AWG 4					
AWG 6					
AWG 8					
AWG10					
Flat band 15.5x3.2 mm					17.4 Lb In.
max. current	160 A	150 A	135 A	120 A	160 A
Voltage size B,C (UR)	600 V				
** CP - connection point					






** CP - connection point

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832		
	Input	Output	
	CP* A	CP* 1/2/3	CP* 4/5
AWG 2/0	10 Nm.	2 Nm	2 Nm
AWG 1/0			
AWG 2			
AWG 4			
AWG 6			
AWG 8	2 Nm	2 Nm	2 Nm
AWG 10			
AWG 12			
AWG 14			
AWG 16			
max. current	175 A	50 A	65 A
Voltage size C (CSA)	600 V		

* CP - connection point

output (load)	connection point 1/2/3				connection point 4/5			
	Copper		Aluminium		Copper		Aluminium	
								
AWG 4	22.6 Lb In.	22.6 Lb In.	45.1 Lb In.	22.6 Lb In.	22.6 Lb In.	45.1 Lb In.	45.1 Lb In.	
AWG 6								
AWG 8								
AWG 10								
AWG 12								
AWG 14								
AWG 16								
max. current	65 A	50 A	50 A	85 A	65 A	65 A	50 A	
Voltage size B,C (UR)	600 V							

 Stranded
 Solid
 Flexible with ferrule
 Sector shaped
 Flat band



Power distribution

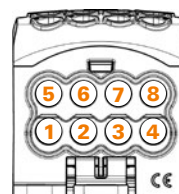
Screw connection

W-Series

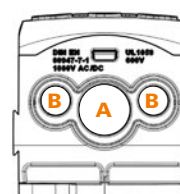
WPD 107 1X95/2X35+8X25 GY



WPD 107

95 mm²

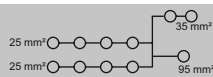
output



input

Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

51 / 54.5 / 73	
232 / 95	
16...95	



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	95 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	95 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
Flexible with ferrule	95 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
Stripping length / Blade size	95 mm ²	mm/-
	35 mm ²	mm/-
	25 mm ²	mm ²
Tightening torque		Nm
Note		

IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

IEC	UL	CSA	EN 60079-7
1000	600	600	440
232	200	200	232
95	AWG 8...3/0	AWG 8...3/0	95
8 kV / 3			
III / V-0			

Rated connection

16...95 / 16...95
4...35 / 4...35
2.5...25 / 2.5...25
10...70
2.5...25
1.5...16
14 / M12
12 / M8
12 / M6

see appendix at the end of the chapter

Ordering data

Version	
grey	
blue	
red	
black	
Note	





Type	Qty.	Order No.
WPD 107 1x95/2x35+8x25 GY	1	1562220000
WPD 107 1x95/2x35+8x25 BL	1	2521730000
WPD 107 1x95/2x35+8x25 RD	1	2725350000
WPD 107 1x95/2x35+8x25 BK	1	2725450000

Accessories

End bracket	
dark beige	
dark beige	
Screwdriver	
SET	

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000

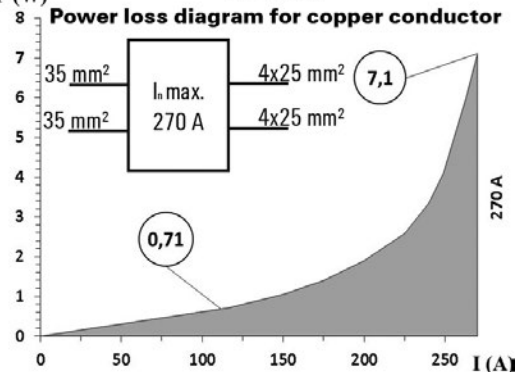
Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Cu+A P (W))









connection point A				
Input	Copper		Aluminium*	
				
95 mm²	14 Nm			
70 mm²				
50 mm²		14 Nm	22,6 Nm	22,6 Nm
35 mm²				
25 mm²				
16 mm²				
10 mm²				
Stripping lengths	14 mm			
Allen screw	M12			
* Values according to UL 1059				

* Values according to UL 1059

WPD 107

Power loss diagram for copper conductor







connection point 1 - 8					connection point B									
Output	Copper		Aluminium*		Copper		Aluminium*							
														
35 mm ²	2,5 Nm	2,5 Nm	5,1 Nm	5,1 Nm	3,5 Nm	3,5 Nm	11,3 Nm	11,3 Nm						
25 mm ²														
16 mm ²														
10 mm ²														
6 mm ²														
4 mm ²														
2.5 mm ²														
1.5 mm ²														
Stripping lengths	12 mm				12 mm									
Allen screw	M6				M8									
* Values according to UL 1059														

* Values according to UL 1059

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped









UL Rating data according to UL 1059




Certificate no. (UR)	XCFR2.E60693			
	connection point A			
Input (line)	Copper		Aluminium	
				
AWG 3/0	124 Lb In.	124 Lb In.	200 Lb In.	200 Lb In.
AWG 2/0				
AWG 1/0				
AWG 2				
AWG 4				
AWG 6				
AWG 8				
max. current	200 A	175 A	155 A	130 A
Voltage size B,C (UR)	600 V			

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832		
	Input	Output	
	CP* A	CP* 1 - 8	CP* B
AWG 3/0	14 Nm.	2,5 Nm	6 Nm
AWG 2/0			
AWG 1/0			
AWG 2			
AWG 4			
AWG 6	2,5 Nm	2,5 Nm	6 Nm
AWG 8			
AWG 10			
AWG 12			
AWG 14			
max. current	200 A	85 A	115 A
Voltage size C (CSA)	600 V		

* CP - connection point

output (load)	connection point 1 - 8				connection point B			
	Copper		Aluminium		Copper		Aluminium	
								
AWG 2	22.1 Lb In.	22.1 Lb In.	45.1 Lb In.	45.1 Lb In.	31 Lb In.	31 Lb In.	100 Lb In.	100 Lb In.
AWG 4								
AWG 6								
AWG 8								
AWG 10								
AWG 12								
AWG 14								
AWG 16								
max. current	85 A	65 A	65 A	50 A	115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V							

 Stranded
  Solid
  Flexible with ferrule



Power distribution

Screw connection

W-Series

WPD 108 1X120/2X35+3X25+4X16 GY



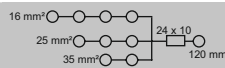
WPD 108

120 mm²



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

51.1 / 77 / 95
269 / 120
25...120



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	120 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	120 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
Flexible with ferrule	120 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
Stripping length / Blade size	120 mm ²	mm/-
	35 mm ²	mm/-
	25 mm ²	mm ²
	16 mm ²	mm ²
Tightening torque		Nm
Note		

IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

IEC	UL	CSA	EN 60079-7
1000	600	600	880
269	250	255	250
120	AWG 4...kcmil 250	AWG 4...kcmil 250	120
8 kV / 3			
III / V-0			

Rated connection

35...120 / 35...120
4...35 / 4...35
2.5...25 / 2.5...25
1.5...16 / 1.5...16
25...95
2.5...25
1.5...16
1.5...10
27 / M14
18 / M8
12 / M6
12 / M6

see appendix at the end of the chapter

Ordering data

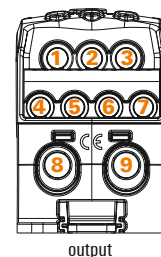
Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 108 1x120/2x35+3x25+4x16 GY	1	1562100000
WPD 108 1x120/2x35+3x25+4x16 BL	1	2519480000
WPD 108 1x120/2x35+3x25+4x16 RD	1	2725280000
WPD 108 1x120/2x35+3x25+4x16 BK	1	2725380000

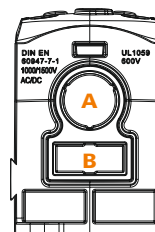
Accessories

Cross connection	
	2-pole
End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WQB WPD X08-09/2	20	1561900000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000








output

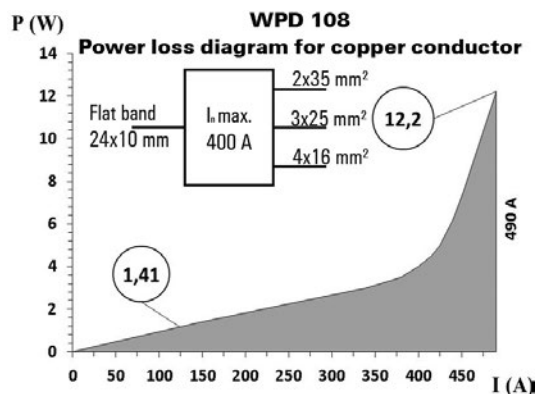














input

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)


Input	connection point A				CP* B
	Copper		Aluminium*		Copper
					
120 mm ²					
95 mm ²					
70 mm ²	19 Nm		22,6 Nm	22,6 Nm	
50 mm ²		19 Nm			
35 mm ²					
25 mm ²					
Flat band 24x10mm					3 Nm
Stripping lengths	27 mm				22 mm
Allen screw	M14				M6

* Values according to UL 1059 ** CP - connection point








Output	connection point 1 / 2 / 3				connection point 4 / 5 / 6 / 7				connection point 8 / 9			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
												
35 mm ²												
25 mm ²												
16 mm ²			5,1 Nm	5,1 Nm			5,1 Nm		2,5 Nm		11,3 Nm	11,3 Nm
10 mm ²												
6 mm ²	2 Nm				2 Nm				2,5 Nm			
4 mm ²		2 Nm				2 Nm				2,5 Nm		
2.5 mm ²												
1.5 mm ²												
Stripping lengths	12 mm				12 mm				18 mm			
Allen screw	M6				M6				M8			

* Values according to UL 1059

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped
  Flat band

UL Rating data according to UL 1059













Certificate no. (UR)	XCFR2.E60693				CP* B
	connection point A		Aluminium		Copper
					
kcmil 250					
AWG 4/0					
AWG 3/0	168.2		200 Lb In.		
AWG 2/0	Lb In.				
AWG 1/0		168.2	200 Lb In.		
AWG 2		Lb In.			
AWG 4					
Flat band 24x10 mm					17.7 Lb In.
max. current	250 A	200 A	155 A	205 A	250 A
Voltage size B,C (UR)	600 V				






* CP - connection point

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			
	Input	Output		
	CP* A	CP* 1/2/3	CP* 4/5/6/7	CP* B
kcmil 250	19 Nm.			
AWG 2	19 Nm			
AWG 4				
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	255 A	85 A	65 A	115 A
Voltage size C (CSA)	600 V			

* CP - connection point

Output	connection point 1 / 2 / 3				connection point 4 / 5 / 6 / 7				connection point 8 / 9			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
												
AWG 2												
AWG 4												
AWG 6			45.1 Lb In.	45.1 Lb In.			45.1 Lb In.		53.1 Lb In.		100 Lb In.	100 Lb In.
AWG 8												
AWG 10	22.6 Lb In.				22.6 Lb In.				53.1 Lb In.			
AWG 12		22.6 Lb In.				22.6 Lb In.				53.1 Lb In.		
AWG 14												
AWG 16												
max. current	85 A	65 A	65 A	50 A	65 A	50 A	50 A		115 A	85 A	90 A	65 A
Voltage size B,C (UR)					600 V							

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped
  Flat band



Power distribution

Screw connection

W-Series

WPD 109 1X185/2X35+3X25+4X16 GY



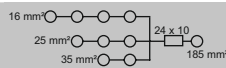
WPD 109

185 mm²



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

55.1 / 77 / 95
353 / 185
50...185



Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	185 mm ²	mm ²

Rated impulse withstand voltage / Pollution severity
Overvoltage category / UL 94 flammability rating

Approvals

Clamped conductors (H05V/H07V)

Solid / Stranded	185 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
Flexible with ferrule	185 mm ²	mm ²
	35 mm ²	mm ²
	25 mm ²	mm ²
	16 mm ²	mm ²
Stripping length / Blade size	185 mm ²	mm/-
	35 mm ²	mm/-
	25 mm ²	mm ²
	16 mm ²	mm ²
Tightening torque		Nm

Note

IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

IEC	UL	CSA	EN 60079-7
1000	600	600	880
353	310	310	353
185	AWG 2/0...kcmil	AWG 2/0...kcmil	185
	350	350	
	8 kV / 3		
	III / V-0		

Bemessungsanschluss

70...185 / 70...185
4...35 / 4...35
2.5...25 / 2.5...25
1.5...16 / 1.5...16
50...150
2.5...25
1.5...16
1.5...10
27 / M14
18 / M8
12 / M6
12 / M6

siehe Anhang am Kapitelende

Ordering data

Version
grey
blue
red
black

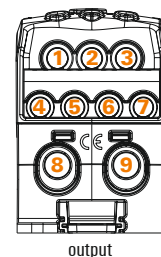
Note

Type	Qty.	Order No.
WPD 109 1x185/2x35+3x25+4x16 GY	1	1562090000
WPD 109 1x185/2x35+3x25+4x16 BL	1	2519490000
WPD 109 1x185/2x35+3x25+4x16 RD	1	2725270000
WPD 109 1x185/2x35+3x25+4x16 BK	1	2725370000

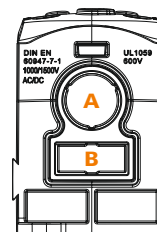
Accessories

Cross connection
2-pole
End bracket
dark beige
dark beige
Screwdriver
SET

Type	Qty.	Order No.
WQB WPD X08-09/2	20	1561900000
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000








output

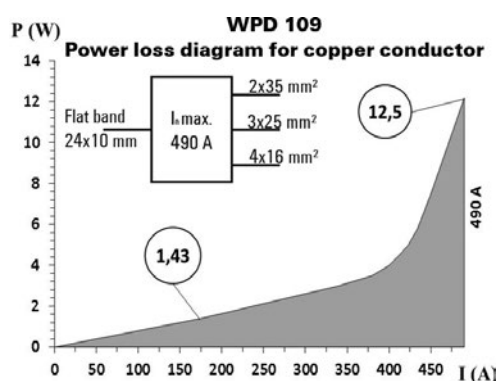














input

Conductor connection data according to IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)


Input	connection point A				CP** B
	Copper		Aluminium*		Copper
					
120 mm ²					
95 mm ²					
70 mm ²	19 Nm		22,6 Nm	22,6 Nm	
50 mm ²		19 Nm			
35 mm ²					
25 mm ²					
Flat band 24x10mm					3 Nm
Stripping lengths	27 mm				22 mm
Allen screw	M14				M6

* Values according to UL 1059 ** CP - connection point








Output	connection point 1 / 2 / 3				connection point 4 / 5 / 6 / 7				connection point 8 / 9			
	Copper		Aluminium*		Copper		Aluminium*		Copper		Aluminium*	
												
35 mm ²												
25 mm ²												
16 mm ²			5,1 Nm	5,1 Nm			5,1 Nm		2,5 Nm		11,3 Nm	11,3 Nm
10 mm ²	2 Nm				2 Nm				2,5 Nm			
6 mm ²		2 Nm				2 Nm				2,5 Nm		
4 mm ²												
2.5 mm ²												
1.5 mm ²												
Stripping lengths	12 mm				12 mm				18 mm			
Allen screw	M6				M6				M8			

* Values according to UL 1059

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped
  Flat band

UL Rating data according to UL 1059













Certificate no. (UR)	XCFR2.E60693				CP* B
	connection point A		Aluminium		Copper
					
kcmil 250					
AWG 4/0					
AWG 3/0	168.2		200 Lb In.		
AWG 2/0	Lb In.				
AWG 1/0		168.2	200 Lb In.		
AWG 2		Lb In.			
AWG 4					
Flat band 24x10 mm					17.7 Lb In.
max. current	250 A	200 A	155 A	205 A	250 A
Voltage size B,C (UR)	600 V				






* CP - connection point

CSA rating data according to CSA 22.2 No. 158

Certificate No. (CSA)	269832			
	Input	CP* 1/2/3	CP* 4/5/6/7	CP* B
	CP* A			
kcmil 250	19 Nm.			
AWG 2	19 Nm			
AWG 2				
AWG 4				
AWG 6		3 Nm	3 Nm	6 Nm
AWG 8				
AWG 10				
AWG 12				
AWG 14				
AWG 16				
max. current	255 A	85 A	65 A	115 A
Voltage size C (CSA)	600 V			

* CP - connection point

Output	connection point 1 / 2 / 3				connection point 4 / 5 / 6 / 7				connection point 8 / 9			
	Copper		Aluminium		Copper		Aluminium		Copper		Aluminium	
												
AWG 2												
AWG 4												
AWG 6			45.1 Lb In.	45.1 Lb In.			45.1 Lb In.		53.1 Lb In.		100 Lb In.	100 Lb In.
AWG 8	22.6 Lb In.								53.1 Lb In.			
AWG 10		22.6 Lb In.			22.6 Lb In.							
AWG 12						22.6 Lb In.						
AWG 14												
AWG 16												
max. current	85 A	65 A	65 A	50 A	65 A	50 A	50 A		115 A	85 A	90 A	65 A
Voltage size B,C (UR)	600 V											

 Stranded
  Solid
  Flexible with ferrule
  Sector shaped
  Flat band



Power distribution

Screw connection

W-Series

WPD 111 1X95/4X35 GY



WPD 111

95 mm²

Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

36.6 / 69.4 / 105	35 mm ² ○ ○ ○ ○ 95 mm ²
232 / 95	35 mm ² ○ ○ ○ ○ 95 mm ²
2.5...95	

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	95 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	95 mm ²	mm ²
	35 mm ²	mm ²
Flexible with ferrule	95 mm ²	mm ²
	35 mm ²	mm ²
Stripping length / Blade size	95 mm ²	mm/-
	35 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

IEC	UL	CSA	EN 60079-7
1000	1000		
232	230		
95	AWG 4/0		
	8 kV / 3		
	III / V-0		

Bemessungsanschluss

16...95 / 16...95
4...35 / 4...35
10...70
2.5...25
21 / M12
16 / M8
see appendix at the end of the chapter

Ordering data

Version	
	grey
	blue
	red
	black
Note	

Type	Qty.	Order No.
WPD 111 1X95/4X35 GY	1	2603790000
WPD 111 1X95/4X35 BL	1	2603800000
WPD 111 1X95/4X35 RD	1	2730310000
WPD 111 1X95/4X35 BK	1	2730320000





Accessories






End bracket	
	dark beige
	dark beige
Screwdriver	
	SET

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000













Conductor connection data according to IEC 60947-7-1

connection point A		connection point A	
Input	Copper	Output	Copper
1x 95 mm ²	 	1x 35 mm ²	 
95 mm ²	14 Nm	35 mm ²	6 Nm
70 mm ²		25 mm ²	
50 mm ²		16 mm ²	
35 mm ²		10 mm ²	
25 mm ²		6 mm ²	
16 mm ²		4 mm ²	
10 mm ²		2,5 mm ²	
Stripping lengths	21 mm		16 mm
Allen screw	M12		M8

				
Stranded	Solid	Flexible with ferrule	Sector shaped	Flat band

UL Rating data according to UL 1059

Certificate no. (UR)		XCFR2.E60693		
connection point A				
Input (line)	Copper		Aluminium	
				
AWG 4/0	200 Lb In.	200 Lb In.	200 Lb In.	200 Lb In.
AWG 3/0				
AWG 2/0				
AWG 1/0				
AWG 1				
AWG 2				
AWG 3				
AWG 4				
AWG 6				
AWG 8				
max. current	230 A	200 A	180 A	155 A
Voltage size B,C (UR)	1000 V			

connection point 1 / 2 / 3 / 4				
Output	Copper		Aluminium	
	 		 	
AWG 2	124.8 Lb In.	124.8 Lb In.	124.8 Lb In.	124.8 Lb In.
AWG 3				
AWG 4			124.8 Lb In.	124.8 Lb In.
AWG 6				
AWG 8				
AWG 10				
AWG 12				
AWG 14				
max. current	115 A	100 A	90 A	75 A
Voltage size B,C (UR)	1000 V			



Power distribution

Screw connection

W-Series

WPD 113 1X185+1X150/8X35 GY



WPD 113

185 mm²



Width / Height / Depth	mm
max. current / max. conductor	A/mm ²
max. clamping range	mm ²

62.6 / 80.3 / 126.3	35 mm ²	150 mm ²	185 mm ²
353 / 185			
2.5...185			

Technical data

Rated data		
Rated voltage		V
Rated current		A
for wire cross-section	185 mm ²	mm ²
Rated impulse withstand voltage / Pollution severity		
Overvoltage category / UL 94 flammability rating		
Approvals		
Clamped conductors (H05V/H07V)		
Solid / Stranded	150 mm ²	mm ²
	35 mm ²	mm ²
Flexible with ferrule	150 mm ²	mm ²
	35 mm ²	mm ²
Stripping length / Blade size	185 mm ²	mm/-
	150 mm ²	mm/-
	35 mm ²	mm/-
Tightening torque		Nm
Note		

IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

IEC	UL	CSA	EN 60079-7
1000	1000	1000	
353	310	310	
185	350 kcmil	350 kcmil	
	8 kV / 3		
	III / V-0		

Rated connection

70...150 / 70...150
4...35 / 4...35
50...120 / 50...120
2.5...25
33 / M16
28 / M16
16 / M8
siehe Anhang am Kapitelende

Ordering data

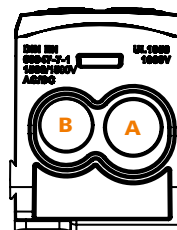
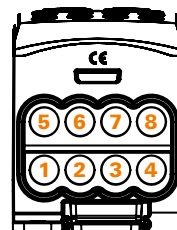
Version	
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blue	
red	
black	
Note	

Accessories





End bracket	
dark beige	
dark beige	
Screwdriver	
SET	



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WPD 1X185+1X150/8X35 GY	1	2603740000
WPD 1X185+1X150/8X35 BL	1	2603750000
WPD 1X185+1X150/8X35 RD	1	2730350000
WPD 1X185+1X150/8X35 BK	1	2730360000

Type	Qty.	Order No.
WEW 35/2	100	1061200000
AEB 35 SC/1	50	1991920000
SDK PZ2 X 100	1	2749450000
SK WSD-S 1,5-10,0	1	9008850000



Conductor connection data according to IEC 60947-7-1

connection point A					connection point B	
Input	Copper			Copper		
						
185 mm²	25 Nm					
150 mm²						
120 mm²		25 Nm	25 Nm			
95 mm²						
70 mm²			25 Nm			
50 mm²						
Stripping lengths	33 mm			28 mm		
Allen screw	M16			M16		

Output	connection point 1-8	
	Copper	
		
35 mm ²	6 Nm	6 Nm
25 mm ²		
16 mm ²		
10 mm ²		
6 mm ²		
4 mm ²		
2,5 mm ²		
Stripping lengths	16 mm	
Allen screw	M8	



Mehrdrähtig















Eindrähtig



Feindrähtig mit Aderendhülse

UL Rating data according to UL 1059

Certificate no. (UR)		XCFR2.E60693						
Input (line)	connection point A				connection point B			
	Copper		Aluminium		Copper		Aluminium	
								
350 kcmil	249.6 Lb In.		398.3 Lb In.		249.6 Lb In.		398.3 Lb In.	
300 kcmil								
250 kcmil		249.6 Lb In.		398.3 Lb In.		249.6 Lb In.		398.3 Lb In.
AWG 4/0								
AWG 3/0								
AWG 2/0								
AWG 1/0								
max. current	310 A	285 A	250 A	230 A	285 A	255 A	230 A	205 A
Voltage size B,C (UR)	1000 V				1000 V			

Output	connection point 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8			
	Copper		Aluminium	
				
AWG 2	124.8 Lb In.		124.8 Lb In.	124.8 Lb In.
AWG 3				
AWG 4				
AWG 6				
AWG 8		124.8 Lb In.		
AWG 10				
AWG 12				
AWG 14				
max. current	115 A	100 A	90 A	75 A
Voltage size B,C (UR)	1000 V			



Stranded



Solid



Flexible with ferrule



Power distribution / Power feed-in

Screw connection

Socket wides - overview WPD

	WPD 104	WPD 105	WPD 106	WPD 107	WPD 108	WPD109
Inputs						
Main connection point ["A"]	SW 3 (M6x10)	SW 4 (M8x12)	SW 5 (M10x1x12)	SW 6 (M12x16)	SW 6 (M14x1.5x18)	SW 6 (M14x1.5x18)
Second connection point / cross connection ["B"]	Pozi 2 (M6x11)	Pozi 2 (M6x11)				
Connection input or output with 2 x 35mm ²				SW 4 (M8x12)		
Ribbon cable connection 15.5 x 5 mm			SW 4 (M5x20)			
Ribbon cable connection 24 x 10 mm					SW 5 (M6x30)	SW 5 (M6x30)
Outputs						
2 x 16 mm ²	SW 3 (M6x8)					
3 x 10 mm ²	SW 2.5 (M5x8)					
2 x 25 mm ²		SW 3 (M6x10)	SW 3 (M6x8)			
3 x 16 mm ²		SW 3 (M6x8)	SW 3 (M6x8)			
8 x 25 mm ²				SW 3 (M6x10)		
2 x 35 mm ²					SW 4 (M8x10)	SW 4 (M8x10)
3 x 25 mm ²					SW 3 (M6x8)	SW 3 (M6x8)
4 x 16 mm ²					SW 3 (M6x8)	SW 3 (M6x8)

	WPD 111	WPD 113
Inputs		
Main connection point ["A"]	SW 6 (M12)	M16
Second connection point / cross connection ["B"]		M16
Connection input or output with 2 x 35mm ²		
Ribbon cable connection 15.5 x 5 mm		
Outputs		
35 mm ³	SW 4 (M8)	M8
25 mm ²	SW 4 (M8)	M8
16 mm ²	SW 4 (M8)	M8
10 mm ²	SW 4 (M8)	M8
6 mm ²	SW 4 (M8)	M8
4 mm ²	SW 4 (M8)	M8
2,5 mm ²	SW 4 (M8)	M8

	WPD 130	WPD 230	WPD 330	WPD 131	WPD 231	WPD 132	WPD 232	WPD 133	WPD 233
Inputs									
1 x 50 mm ²	SW 5 (M10x1.25)								
2 x 50 mm ²		SW 5 (M10x1.25)							
3 x 50 mm ²			SW 5 (M10x1.25)						
1 x 95 mm ²				SW 6 (M14x1.5)					
2 x 95 mm ²					SW 6 (M14x1.5)				
1 x 185 mm ²						SW 10 (M18x2)			
2 x 185 mm ²							SW 10 (M18x2)		
1 x 300 mm ²								SW 12 (M24x2)	
2 x 300 mm ²									SW 12 (M24x2)
Outputs									
1 x 50 mm ²	SW 5 (M10x1.25)								
2 x 50 mm ²		SW 5 (M10x1.25)							
3 x 50 mm ²			SW 5 (M10x1.25)						
1 x 95 mm ²				SW 6 (M14x1.5)					
2 x 95 mm ²					SW 6 (M14x1.5)				
1 x 185 mm ²						SW 10 (M18x2)			
2 x 185 mm ²							SW 10 (M18x2)		
1 x 300 mm ²								SW 12 (M24x2)	
2 x 300 mm ²									SW 12 (M24x2)

	WPD 101	WPD 301	WPD 401	WPD 501	WPD 102	WPD 202	WPD 302	WPD 103
Inputs								
1 x 16 mm²	cross recess+/- G2 (M6)							
1 x 25 mm²	cross recess+/- G2 (M6)				cross recess+/- G2 (M6)			
2 x 25 mm²						cross recess+/- G2 (M6)		
3 x 16 mm²	cross recess+/- G2 (M6)							
3 x 25 mm²	cross recess+/- G2 (M6)						cross recess+/- G2 (M6)	
4 x 16 mm²	cross recess+/- G2 (M6)							
4 x 25 mm²	cross recess+/- G2 (M6)							
5 x 16 mm²					cross recess+/- G2 (M6)			
5 x 25 mm²					cross recess+/- G2 (M6)			
1 x 35 mm²						cross recess+/- G2 (M8)		
2 x 35 mm²							cross recess+/- G2 (M8)	
3 x 35 mm²							cross recess+/- G2 (M8)	
1 x 50 mm²							hexagonal recess SW4 (M8)	
1 x 70 mm²							hexagonal recess SW4 (M10)	
Outputs								
1 x 16 mm²	cross recess+/- G2 (M6)							
1 x 25 mm²	cross recess+/- G2 (M6)				cross recess+/- G2 (M6)			
2 x 25 mm²						cross recess+/- G2 (M6)		
3 x 16 mm²	cross recess+/- G2 (M6)							
3 x 25 mm²	cross recess+/- G2 (M6)						cross recess+/- G2 (M6)	
4 x 16 mm²	cross recess+/- G2 (M6)							
4 x 25 mm²	cross recess+/- G2 (M6)							
5 x 16 mm²					cross recess+/- G2 (M6)			
5 x 25 mm²					cross recess+/- G2 (M6)			
1 x 35 mm²						cross recess+/- G2 (M8)		
2 x 35 mm²						cross recess+/- G2 (M8)		
3 x 35 mm²							cross recess+/- G2 (M8)	
1 x 50 mm²							hexagonal recess SW4 (M8)	
1 x 70 mm²							hexagonal recess SW4 (M10)	



Power distribution / Power feed-in
Screw connection

Conductor connection data WPD

Type	Input side									
input cross section	Copper					Aluminium				
	solid	stranded	Finely stranded with wire end ferrule	flat band	Tightening Torque	solid	stranded	flexible with ferrule	sector shape	Tightening Torque
WPD 130/230/330		35-50 mm ²	3-50 mm ²	35 mm ²	10 Nm	35-50 mm ²	35-50 mm ²		35-50 mm ²	14 Nm
		16-25 mm ²	16-25 mm ²	16-25 mm ²	8 Nm	25 mm ²	25 mm ²			12 Nm
		6-10 mm ²	6-10 mm ²	4-10 mm ²	6 Nm	16mm ²	16 mm ²		16 - 25 mm ²	10 Nm
WPD 131/231		35-95 mm ²	35-95 mm ²	35-70 mm ²	19 Nm	16-95 mm ²	16-95 mm ²		16-95 mm ²	22.6 Nm
		10-25 mm ²	10-25 mm ²	10-25 mm ²	14 Nm					
WPD 132/232				10 x 15.5 x 8 mm	30.9 Nm	95-185 mm ²	95-185 mm ²		95-185 mm ²	30.9 Nm
		95-185 mm ²	95-185 mm ²	95-150 mm ²	25 Nm					
				25-70 mm ²	20 Nm					
WPD 133/233				10 x 20 x 1 mm	65 Nm	150-300 mm ²	150-300 mm ²		150-300 mm ²	65 Nm
		150-300 mm ²	150-300 mm ²	150-240 mm ²	45 Nm					
				35-95 mm ²	30 Nm					
WPD x01	2 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	3.5 Nm	16-25 mm ²	16-25 mm ²			4 Nm
	2 x 16 mm ²	4-25 mm ²	4-25 mm ²	2.5-16 mm ²	2.5 Nm	25 mm ²	25 mm ²			4 Nm
WPD x02		4-35 mm ²	4-35 mm ²	2.5-25 mm ²	3.5 Nm	35 mm ²	35 mm ²			8 Nm
	2 x 35 mm ²					25 mm ²	25 mm ²			6 Nm
							16 mm ²	16 mm ²		
	2 x 25 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	3.5 Nm	25 mm ²	25 mm ²			6 Nm
							16 mm ²	16 mm ²		
WPD x03	2 x 70 mm ²	10-70 mm ²	10-70 mm ²	6-50 mm ²	10 Nm	17mm ²	17mm ²			18 Nm
						50 mm ²	50 mm ²			10 Nm
						35 mm ²	35 mm ²			8 Nm
						25 mm ²	25 mm ²			6 Nm
	2 x 50 mm ²					16 mm ²	16 mm ²			4 Nm
		10-50 mm ²	10-70 mm ²	6-70 mm ²	6 Nm	50 mm2	50 mm2			10 Nm
						35 mm ²	35 mm ²			8 Nm
						25 mm ²	25 mm ²			6 Nm
WPD x04	1 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	2.5 Nm	16-25 mm ²	16-25 mm ²	16mm ²	16-25 mm ²	5.1 Nm
	1 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²	2.5 Nm	10 mm ²	10 mm ²		10 mm ²	5.1 Nm
WPD x05	1x 35 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	3.5 Nm	25-35 mm ²	25-35 mm ²	25mm ²	25-35 mm ²	11.3 Nm
	1 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²	2.5 Nm	10 mm ²	10 mm ²		10 mm ²	5.1 Nm
WPD x06	1 x 70 mm ²	10-70 mm ²	10-70 mm ²	6-50 mm ²	10 Nm	10-70 mm ²	10-70 mm ²	10-50 mm ²	10-70 mm ²	13.6 Nm
	15.5 x 5 mm				15.5 x 5 mm	2 Nm				
WPD x07	1 x 95 mm ²	16-95 mm ²	16-95 mm ²	10-70 mm ²	14 Nm	16-95 mm ²	16-95 mm ²	16-70 mm ²	16-95 mm ²	22.6 Nm
	2 x 35 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	3.5 Nm	16-35 mm ²	16-35 mm ²	16-25 mm ²	16-35 mm ²	11.3 Nm
WPD x08	1 x 120 mm ²	35-120 mm ²	35-120 mm ²	25-95 mm ²	19Nm	35-120 mm ²	35-120 mm ²	35-95 mm ²	35-120 mm ²	22.6 Nm
	24 x 10 mm				24 x 10 mm	3 Nm				
WPD x09	1x 185 mm ²	70-185 mm ²	70-185 mm ²	50-150 mm ²	19 Nm	70-185 mm ²	70-185 mm ²	70-150 mm ²	70-185 mm ²	22.6 Nm
	24 x 10 mm				24 x 10 mm	3 Nm				
WPD 111	1 x 95 mm ²	16-95 mm ²	16-95 mm ²	10-70 mm ²	14 Nm					
WPD 113	1 x 185 mm ²	95-185 mm ²	95-185 mm ²	70-150 mm ²	25 Nm					
	1 x 150 mm ²	70-150 mm ²	70-150 mm ²	50-120 mm ²	25 Nm					



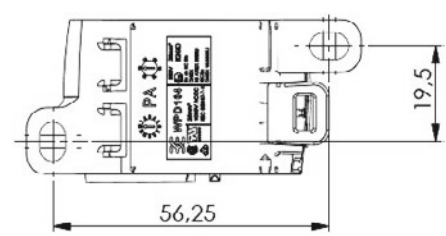
Output side										Auxiliary connection			
Copper					Aluminium								
output cross section	solid	stranded	Finely stranded with wire end ferrule	Tightening Torque	solid	stranded	Finely stranded with wire end ferrule	sector shape	Tightening Torque	solid	stranded	Finely stranded with wire end ferrule	Tightening Torque
	35-50 mm ²	35-50 mm ²	35 mm ²	10 Nm	35-50 mm ²	35-50 mm ²		35-50 mm ²	14 Nm				
	16 - 25 mm ²	16 - 25 mm ²	16 - 25 mm ²	8 Nm	25 mm ²	25 mm ²			12 Nm				
	6 - 10 mm ²	6 - 10 mm ²	4 - 10 mm ²	6 Nm	16mm ²	16 mm ²		16 - 25 mm ²	10 Nm				
	35-95 mm ²	35-95 mm ²	35-70 mm ²	19 Nm	16-95 mm ²	16-95 mm ²		16-95 mm ²	22.6 Nm	1.5-10 mm ²	1.5-10 mm ²	1.5-6 mm ²	1.2 Nm
	10-25 mm ²	10-25 mm ²	10-25 mm ²	14 Nm									
	95-185 mm ²	95-185 mm ²	95-150 mm ²	25 Nm	95-185 mm ²	95-185 mm ²		95-185 mm ²	30.9 Nm	1.5-10 mm ²	1.5-10 mm ²	1.5-6 mm ²	1.2 Nm
			25-70 mm ²	20 Nm									
	150-300 mm ²	150-300 mm ²	150-240 mm ²	45 Nm	150-300 mm ²	150-300 mm ²		150-300 mm ²	65 Nm	1.5-10 mm ²	1.5-10 mm ²	1.5-6 mm ²	1.2 Nm
			35-95 mm ²	30 Nm									
2 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	3.5 Nm	16-25 mm ²	16-25 mm ²			4 Nm				
2 x 16 mm ²	4-25 mm ²	4-25 mm ²	2.5-16 mm ²	2.5 Nm	2.5 Nm	25 mm ²			4 Nm				
	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	3.5 Nm	35 mm ²	35 mm ²			8 Nm				
2 x 35 mm ²					25 mm ²	25 mm ²			6 Nm				
					16 mm ²	16 mm ²			4 Nm				
2 x 25 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	3.5 Nm	25 mm ²	25 mm ²			6 Nm				
					16 mm ²	16 mm ²			4 Nm				
2 x 70 mm ²	10-70 mm ²	10-70 mm ²	6-50 mm ²	10 Nm	17mm ²	17mm ²			18 Nm				
					50 mm ²	50 mm ²			10 Nm				
					35 mm ²	35 mm ²			8 Nm				
					25 mm ²	25 mm ²			6 Nm				
					16 mm ²	16 mm ²			4 Nm				
2 x 50 mm ²	10-50 mm ²	10-70 mm ²	6-70 mm ²	6 Nm	50 mm ²	50 mm ²			10 Nm				
					35 mm ²	35 mm ²			8 Nm				
					25 mm ²	25 mm ²			6 Nm				
					16 mm ²	16 mm ²			4 Nm				
2 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²	2.5 Nm	10-16 mm ²	10-16 mm ²	10 mm ²	10-16 mm ²	5.1 Nm				
3 x 10 mm ²	1.5-10 mm ²	1.5-10 mm ²	1.5-16 mm ²	2 Nm	10 mm ²	10 mm ²		10 mm ²	5.1 Nm				
2 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	2.5 Nm	10-16 mm ²	10-16 mm ²	10 mm ²	10-16 mm ²	5.1 Nm				
3 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²	2 Nm	10 mm ²	10 mm ²		10 mm ²	5.1 Nm				
2 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	2.5 Nm	10-16 mm ²	10-16 mm ²	10 mm ²	10-16 mm ²	5.1 Nm				
3 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²	2 Nm	10 mm ²	10 mm ²		10 mm ²	5.1 Nm				
8 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	2.5 Nm	16-25 mm ²	16-25 mm ²	16 mm ²	16-25 mm ²	5.1 Nm				
2 x 35 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	2.5 Nm	16-35 mm ²	16-35 mm ²	16-25 mm ²	16-35 mm ²	11.3 Nm				
4 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²	2 Nm	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²	1.5-16 mm ²	5.1 Nm				
3 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	2 Nm	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	2.5-25 mm ²	5.1 Nm				
2 x 35 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	2.5 Nm	16-35 mm ²	16-35 mm ²	16-25 mm ²	16-35 mm ²	11.3 Nm				
4 x 16 mm ²	1.5-16 mm ²	1.5-16 mm ²	1.5-10 mm ²	2 Nm	16 mm ²	16 mm ²		16 mm ²	5.1 Nm				
3 x 25 mm ²	2.5-25 mm ²	2.5-25 mm ²	1.5-16 mm ²	2 Nm	16-25 mm ²	16-25 mm ²	16 mm ²	16-25 mm ²	5.1 Nm				
4 x 35 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	6 Nm					4 Nm				
8 x 35 mm ²	4-35 mm ²	4-35 mm ²	2.5-25 mm ²	6 Nm									



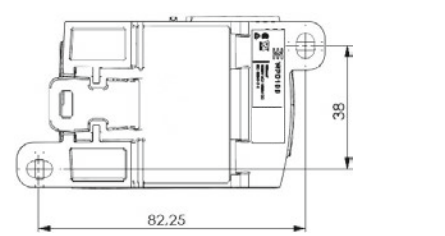
Power distribution / Power feed-in
Screw connection

Mounting

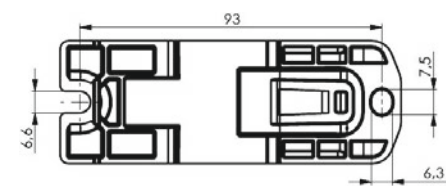
WPD 104



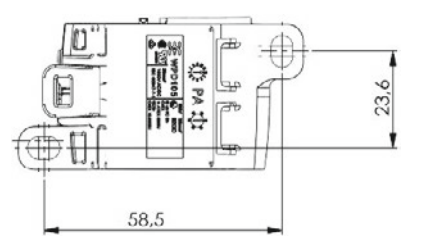
WPD 109



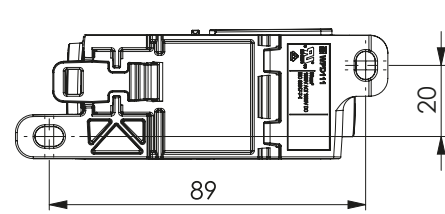
WPD 132



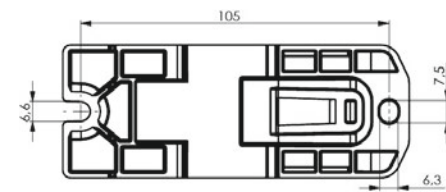
WPD 105



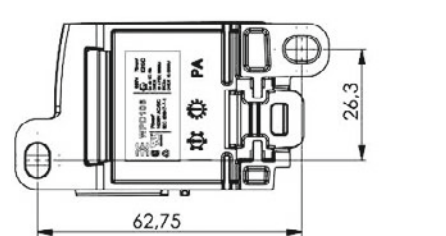
WPD 111



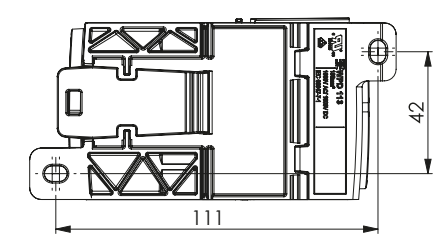
WPD 133



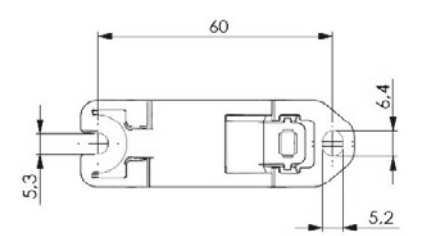
WPD 106



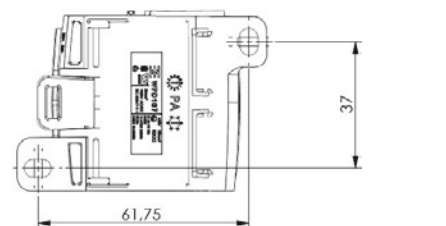
WPD 113



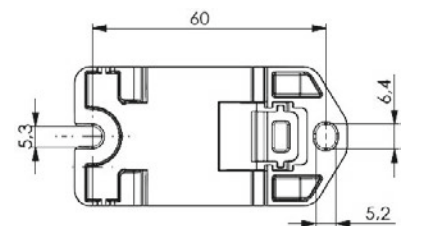
WPD 130



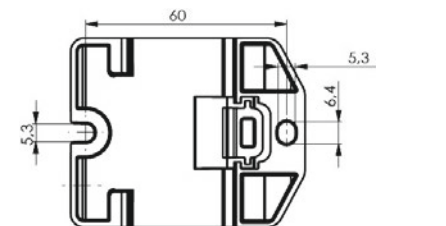
WPD 107



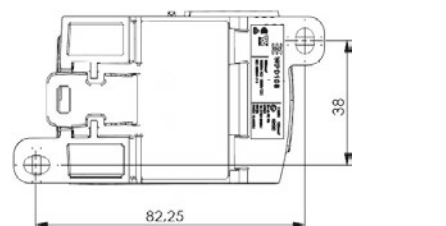
WPD 230



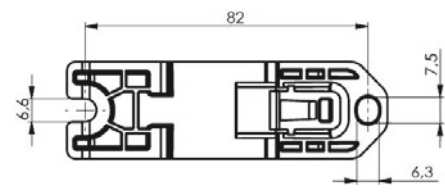
WPD 330



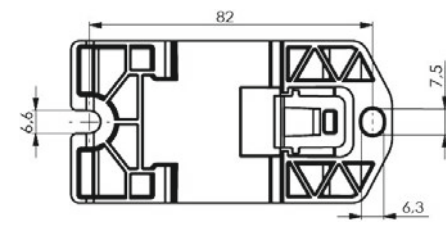
WPD 108



WPD 131



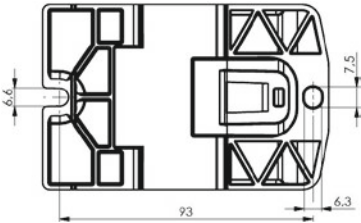
WPD 231



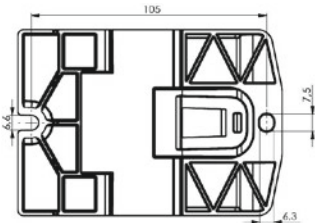
B



WPD 232



WPD 233



Power distribution PUSH IN connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
Vertical jumpers	
	1-pole
End plate	
	dark beige
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test plug	
Screwdriver	
	Standard
Marking tags	

AMC 2.5

2.5 mm²

5.1 x 107.5 x 88			
22 / 2.5			
0.14...2.5			
DIN EN 60947-7-1, DIN EN 60947-7-2 Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
690	150	150	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

AMC 2.5 800 V

2.5 mm²

6.1 x 107.5 x 88			
22 / 2.5			
0.14...2.5			
DIN EN 60947-7-1, DIN EN 60947-7-2 Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
800	600	600	440
22	20	20	19
2.5	AWG 28...12	AWG 28...12	2.5 mm ²
8 kV / 3			
A3 / V-0			
TUEV16ATEX7909U			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

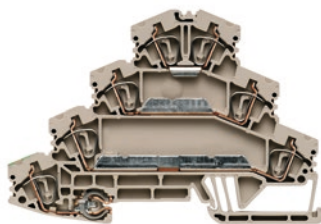
Type	Qty.	Order No.
AMC 2.5 800V	50	2434370000

Type	Qty.	Order No.
ZVQ 2.5N/2	24 A 60	1527540000
ZVQ 2.5N/10	24 A 20	1527690000
ZVQ 2.5/1.5	24 A 50	1720700000
AEP MC 2.5	25	2433820000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
SNAPMARK I	50	1805880000

For detailed information on other accessories and application in the online catalogue

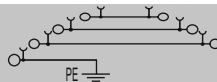
**ZMAK 2.5****2.5 mm²**

Motor-supply terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 102 x 69.5
31 / 4
0.13...4

**Technical data**

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note**Ordering data**

Version
dark beige
Note

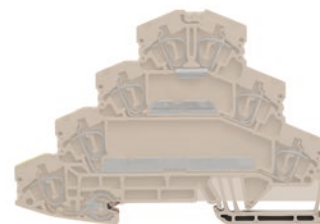
Accessories

End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Reducing sleeves	for conductors < 0.5 mm ² / AWG 20 for conductors < 1.0 mm ² / AWG 18
Test adapter	Standard
Marking tags	

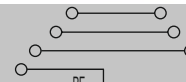
For detailed information on other accessories and application in the online catalogue

ZMAK 2.5 690 V**2.5 mm²**

Motor-supply terminal



6.1 x 102 x 69.5
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
690	300		
24	25		
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
ZMAK 2.5 690V	25	1027550000
The ZMAK 2.5 690 V with pre-assembled end plate and a width of 6.1 mm.		

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
24	25	25	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
ZMAK 2.5	25	1768000000

Type	Qty.	Order No.
ZAP ZMAK2.5	10	1768010000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
ZTA 1	9 A 25	1609040000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000

Type	Qty.	Order No.
ZAP ZMAK2.5	10	1768010000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
ZRH 1.5H/1	1000	1678810000
ZRH 1.5H/2	1000	1678800000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

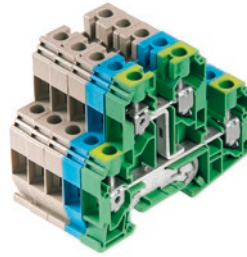


Power distribution

Screw connection



WDK 10 SET LS

10 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

49.5 x 85 x 69	
70 / 16	
1.5... 16	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	
Stripping length / Blade size	
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Note	

Ordering data

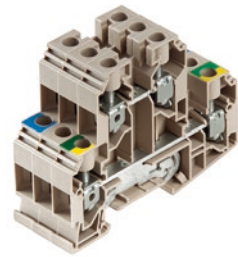
Version	
	dark beige
	with PE foot
	dark beige / green / yellow
Note	

Accessories

Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Screwdriver	
	Standard
Cover	
	Blank, white
	Blank, yellow
Marking tags	
Cross-connector	
	black
	blue
	red



For detailed information on other accessories and application in the online catalogue

WDK 10 SET BCD

10 mm²

29.7 x 85 x 69	
70 / 16	
1.5... 16	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
800	600	600	
57	64	64	
10	AWG 18...6	AWG 18...6	
8 kV / 3			
B6 / V-0			
CE  			
Rated connection		Further connection	
1.5...16 / 1.5...16			
1.5...16 / 1.5...16			
/ (M 4)			
12 / 1.0 x 5.5 mm			

Type	Qty.	Order No.
WDK 10 SET BCD	1	1415540000
Note		

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
DEK 5/5 MC NE WS	1000	1609801044

Cross-connections, see section "W series accessories".

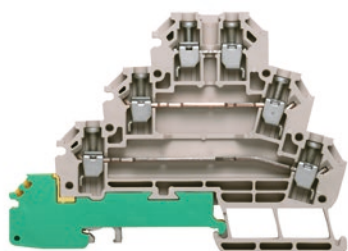
Type	Qty.	Order No.
WDK 10 SET LS	1	1415530000
Note		

Type	Qty.	Order No.
WQV 10/2	76 A 50	1052560000
WQV 10/10	63 A 20	1052460000
WAP WDK10	20	1186720000
WAP WDK10 BL	20	1186730000
WEW 35/2	50	1061200000
SDS 1.0X5.5X150	1	2749380000
WAD 8 MC NE WS	48	1112940000
WAD 8 MC NE GE	48	1112950000
DEK 5/5 MC NE WS	1000	1609801044

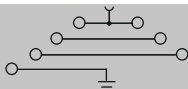
Cross-connections, see section "W series accessories".

MAK 2.5

2.5 mm²



6.2 x 88 x 63
31 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
500	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

CE ENEC TUV

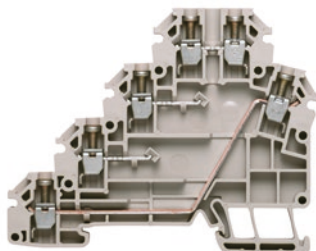
Rated connection	Further connection
0.5...4 / 0.5...4	
0.5...4 / 0.5...2.5	
/(M 2.5)	
8 / 0.6 x 3.5 mm	
0.5...1 / 0.5...1	
0.5...1 / 0.5...0.75	

Type	Qty.	Order No.
MAK 2.5 DB	50	7917030000

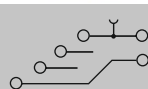
Type	Qty.	Order No.
AP MAK2.5 DB	20	7917000000
WEW 35/1	50	1059000000
SDIS 0.6X3.5X100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 BL	5	1633280000
VQB 1.5/50 RT	5	1633290000

VLI 1.5

1.5 mm²



6.15 x 79.5 x 63
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10		
1.5	AWG 26...12		
4 kV / 3			
A3 / V-0			

CE ENEC TUV

Rated connection	Further connection
0.5...4 / 0.5...2.5	
0.5...4 / 0.5...2.5	
/(M 2.5)	
8 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
VLI 1.5 DB	50	1784120000
VLI 1.5/PE DB	50	1784130000

Type	Qty.	Order No.
AP VLI1.5 DB	20	1784150000
WEW 35/1	50	1059000000
SDIS 0.6X3.5X100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 BL	5	1633280000
VQB 1.5/50 RT	5	1633290000

B



Safe supply to equipment in the panel

Klippon® Connect for optimum control voltage distribution



For power supplies to equipment in the panel, there is an increased risk of incorrect connections because of the large number of conductors. Our tailored AAP potential distribution terminal blocks and the maxGUARD modular system with built-in electronic load monitoring offer ideal solutions for surge current protection and clear, structured power distribution within control voltage circuits. The considerable space saving and reduced wiring means you can guarantee supply to your panel equipment simply and effectively.

Our promise

For complex wiring projects in confined spaces, we offer a future-oriented strategy for central potential distribution with direct wiring option for all the device's plus and minus potentials. This means that Klippon® Connect makes planning and implementing your control voltage distribution system considerably more productive.

B

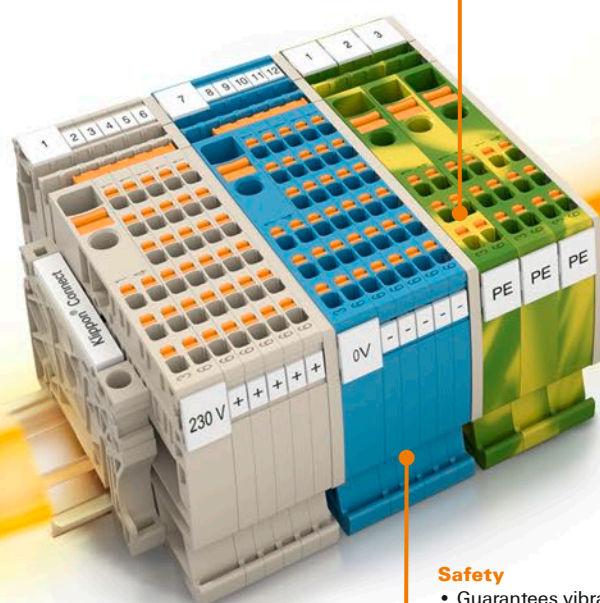


Space saving

- Up to 50 percent more compact control voltage distribution thanks to the optional six conductor connections per terminal block
- Combined solution for fewer components and more available space on the terminal rail
- One solution to connect all the plus and minus connectors for the loads

Time saving

- Maximum time saving on wiring thanks to PUSH IN technology
- Consistent cross-connection systems
- Tailored assembly and ordering using the Weidmüller Configurator

**Safety**

- Guarantees vibration-resistant and gas-tight connections
- Pusher and clear design to prevent mis-connection

Flexibility

- Simple to modify and expand
- Easy to rewire without special tools thanks to PUSH IN technology
- Universal use – for direct and alternating current from 0 to 250 V

Our range**Combined load monitoring and potential distribution:**

maxGUARD is our unique modular system for control voltage distribution. The consistent design of the electronic load monitoring and potential distribution terminal blocks plus the simple cross-connection options save time and money and prevent mis-connections.

**Simpler customised solutions:**

Our assembly service for standard blocks and completed control voltage distribution systems guarantees ease of ordering and production optimisation. We create a perfect-fit solution for all of your requirements.

Individual configuration for each control cabinet type

The modular terminal block system for control voltage distribution

Professional marking

Large marking areas in combination with our marking solutions ensure precise identification of the individual terminal blocks.

Convenient feed terminal

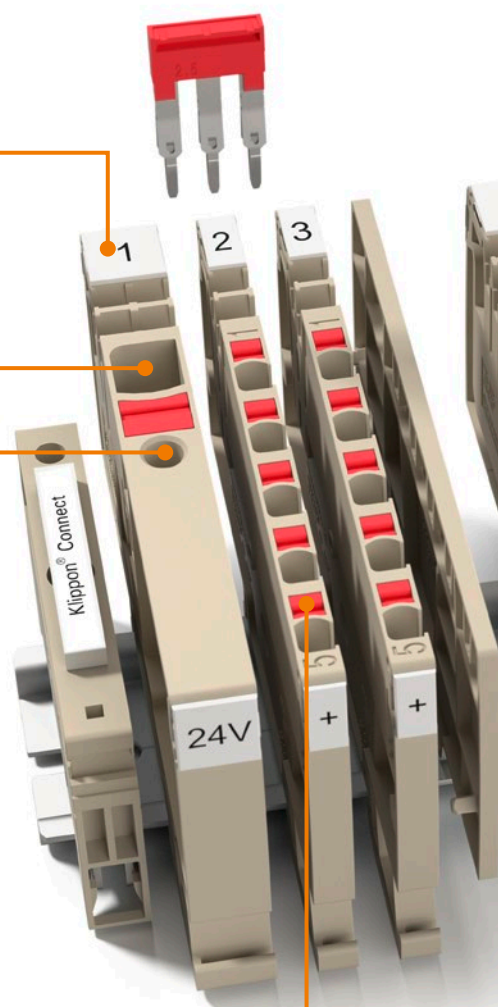
A distinguishable power terminal offers a simple powersupply into the system.

Integrated test point

The integrated test point enables fast and simple testing with standard measuring tips and test plugs.

Coloured pushers

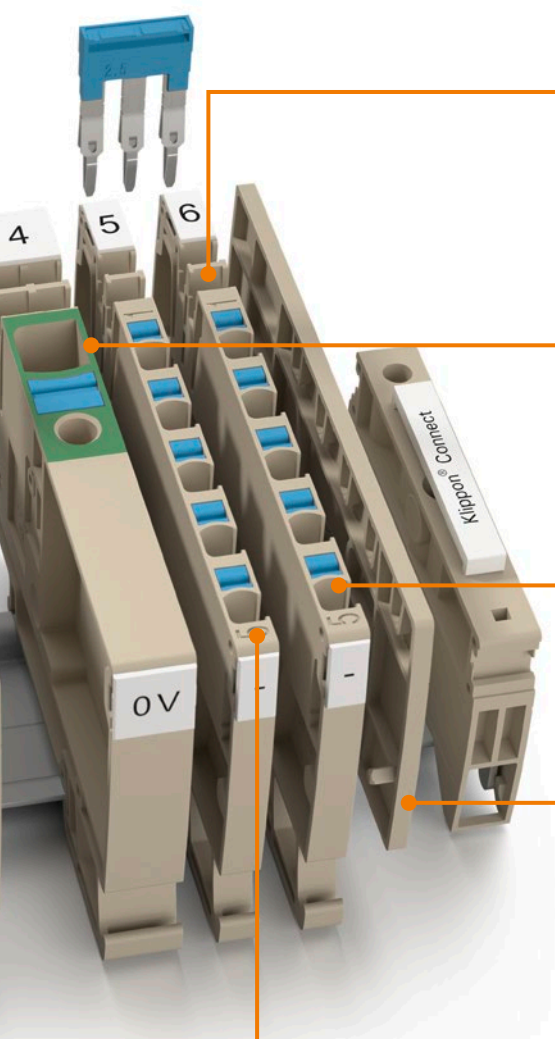
The colour coding can easily distinguish the different potentials. Oversight saves time and costs for maintenance and troubleshooting.



Your special advantages:

Time saving

- Maximum time saving on wiring thanks to PUSH IN technology
- Consistent cross-connection systems
- Tailored assembly and ordering using the Weidmüller Configurator



Two cross-connection channels

The modular system allows an additional terminal block to be attached and expanded via an additional cross-connection in the second cross-connection channel.

Optional FE variants

The FE terminals have a contact to the DIN rail underneath, which serves as zero adjustment of the potential.

Distinct distribution terminals

Easily identifiable terminals to distribute power to individual branch circuits

Robust end plates

The end plates ensure finger safety and separation of the different potentials.

Distinct contact identification

Each contact point on the terminal block has a distinct mark such that it can be assigned unambiguously to the connection point in the circuit diagram.

Space saving

- Up to 50 percent more compact control voltage distribution thanks to the optional six conductor connections per terminal block
- Combined solution for fewer components and more available space on the terminal rail
- One solution to connect all the plus and minus connectors for the loads

Flexibility

- Simple to modify and expand
- Easy to rewire without special tools thanks to PUSH IN technology
- Universal use – for direct and alternating current from 0 to 250 V

B



Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Version
beige / red pusher
beige / blue pusher
beige / orange pusher
beige / white pusher
green-yellow / orange pusher
blue / orange pusher
green / orange pusher

Note

Plug-in cross-connection	2-pole/ red 10-pole / red 2-pole / blue 10-pole/ blue
End plate / Partition plate	
End bracket	dark beige, screwable dark beige, direct mounting
Test adapter	1-pole
Test plug	
Screwdriver	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

A detailed cross-sectional view of a mechanical assembly, likely a sliding door or window frame. The assembly is made of a light-colored material, possibly aluminum or plastic. It features a sliding mechanism with a spring and a locking pin. The spring is coiled around a central shaft, and the locking pin is positioned to engage with a slot in the frame. The assembly is shown in a partially open position, revealing the internal components and the sliding path.

8.1 x 85.5 x 47

41 / 6

0.34...6



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300	300	
41	36	36	
6	AWG 22...8	AWG 22...8	
	6 kV / 3		
	A5 / V-0		



Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

114

Type	Qty.	Order No.
AAP11 6 LO RD	20	1989780000
AAP11 6 LO BL	20	1988130000
AAP11 6 LO OR	20	2503650000
AAP11 6 LO WT	20	2683430000
AAP11 6 LO BL/OR	20	2522720000
AAP11 6 LO GN/OR	20	2718300000

11

Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP11		20	1988320000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 VO		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEKA 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

All MultiMark variants (MM) = strip markers

8.1 x 85.5 x 47
/ 6
0.34...6

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
	300	300	
6	AWG 22...8	AWG 22...8	
	6 kV / 3		
	A5 / V-0		



Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

114

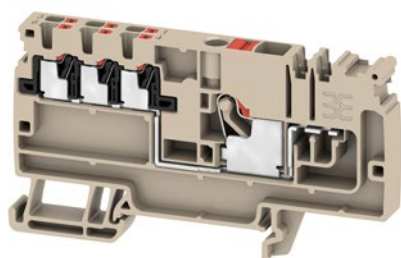
Type	Qty.	Order No.
AAP11 6 FE	20	1988140000

FE = functional earth, contact to DIN rail.

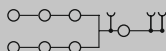
Type		Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A	60	1985650000
ZQV 1.5N/10 RD	17.5 A	20	1985800000
ZQV 1.5N/2 BL	17.5 A	60	1985530000
ZQV 1.5N/10 BL	17.5 A	20	1985680000
AEP AP11		20	1988320000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDIL 1,0X5,5X125		1	2749160000
DEKA 5/8 MM WS		500	2448860000
WS-A 8/8 MM WS		500	2448930000
DEK 5/8 PLUS MC NE WS		800	1046350000
WS 10/8 PLUS MC NE WS		420	1905950000

All MultiMark variants (MM) = strip markers

AAP11 6/6X1.5 LO-LI

6 mm²

8.1 x 85.5 x 47
41 / 6
0.34...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
41	38		
6	AWG 26...8		
	6 kV / 3		
	A5 / V-0		



Rated connection

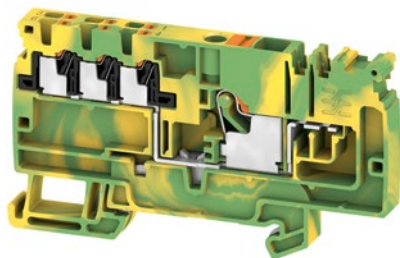
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP11 6/6X1.5 LO-LI RD	20	2464690000
AAP11 6/6X1.5 LO-LI BL	20	2464750000
AAP11 6/6X1.5 LO-LI OR	20	2503870000
AAP11 6/6X1.5 LO-LI WT	20	2712960000
AAP11 6/6X1.5 LO-LI BL/OR	20	2522830000

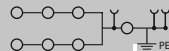
Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

All MultiMark variants (MM) = strip markers

AAP11 6/6X1.5 PE-LI

6 mm²

8.1 x 85.5 x 47
/ 6
0.34...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
	300		
6	AWG 26...8		
	6 kV / 3		
	A5 / V-0		



Rated connection

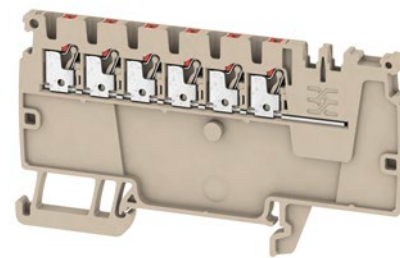
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP11 6/6X1.5 PE-LI	20	2464740000

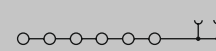
Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

All MultiMark variants (MM) = strip markers

AAP11 1.5 LI

1.5 mm²

3.5 x 85.5 x 47
17.5 / 1.5
0.14...1.5



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
500	300	300	
17.5	13	13	
1.5	AWG 26...14	AWG 26...14	
	6 kV / 3		
	A1 / V-0		



Rated connection

0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AAP11 1.5 LI RD	50	1988160000
AAP11 1.5 LI BL	50	1988170000
AAP11 1.5 LI OR	50	2503910000
AAP11 1.5 LI WT	50	2683440000
AAP11 1.5 LI BL/OR	50	2522870000
AAP11 1.5 LI GN/OR	50	2614100000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP11	20	1988320000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIS 0.4X2.0X60	1	2749780000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

All MultiMark variants (MM) = strip markers



Control voltage distribution

PUSH IN connection

AAP – potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

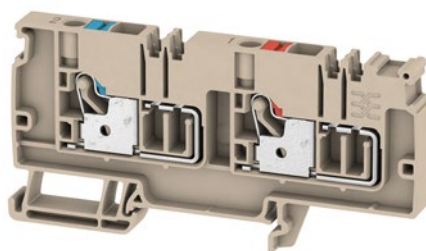
Version
beige / red and blue pusher
beige / orange and orange pusher
Note

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

AAP13 6 LO-LO

6 mm²



8.1 x 96 x 47	
41 / 6	
0.34...6	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150	150	
41	36	36	
6	AWG 22...8	AWG 22...8	
4 kV / 3			
A5 / V-0			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			

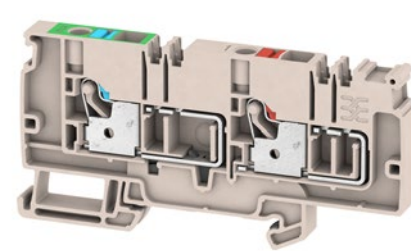
Type	Qty.	Order No.
AAP13 6 LO-LO	20	1988260000
Note		

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

All MultiMark variants (MM) = strip markers

AAP13 6 FE-LO

6 mm²



8.1 x 96 x 47	
41 / 6	
0.34...6	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250	150	150	
41	36	36	
6	AWG 22...8	AWG 22...8	
4 kV / 3			
A5 / V-0			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			

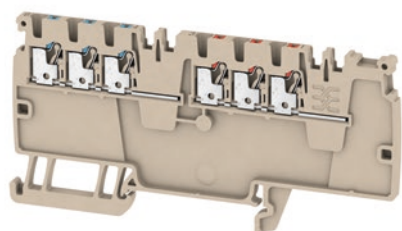
Type	Qty.	Order No.
AAP13 6 FE-LO	20	1988270000
FE = functional earth, contact to terminal rail.		

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

All MultiMark variants (MM) = strip markers

For detailed information on other accessories and application in the online catalogue

AAP13 1.5 LI-LI

1.5 mm²

3.5 x 96 x 47
16 / 1.5
0.14...1.5



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
250	150	150	
16	13	13	
1.5	AWG 26...14	AWG 26...14	
4 kV / 3			
A1 / V-0			



Rated connection

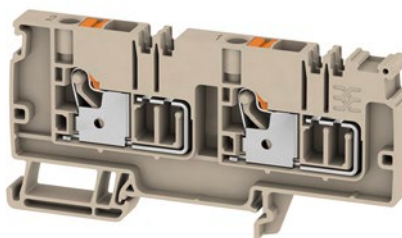
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 / 0.4 x 2.0 mm

Type	Qty.	Order No.
AAP13 1.5 LI-LI	50	1988280000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIS 0.4X2.0X60	1	2749780000
WS 10/3.5 PLUS MC NE WS	960	2003760000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

All MultiMark variants (MM) = strip markers

AAP13 6 LO-LO OR

6 mm²

8.1 x 96 x 47
41 / 6
0.34...6



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
41			
6			
4 kV / 3			
A5 / V-0			



Rated connection

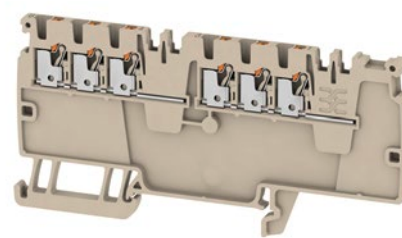
0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP13 6 LO-LO OR	20	2623910000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1.0X5.5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
WS-A 8/8 MM WS	500	2448930000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS 10/8 PLUS MC NE WS	420	1905950000

All MultiMark variants (MM) = strip markers

AAP13 1.5 LI-LI OR

1.5 mm²

3.5 x 96 x 47
16 / 1.5
0.14...1.5



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
250			
16			
1.5			
A1 / V-0			



Rated connection

0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1
8 /

Type	Qty.	Order No.
AAP13 1.5 LI-LI OR	50	2623920000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP AP13	20	1990140000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIS 0.4X2.0X60	1	2749780000
WS 10/3.5 PLUS MC NE WS	960	2003760000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 MM WS	1000	2007100000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

All MultiMark variants (MM) = strip markers

Control voltage distribution PUSH IN connection

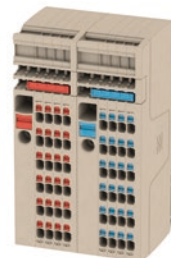
AAP – potential distribution terminal blocks



SET AAP11 6/1.5/12C

6 mm²

SET AAP11 6/1.5/24C

6 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

35 x 85.5 x 47
35 / 6
0.34...6

49 x 85.5 x 47
41 / 6
0.34...6

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
35			
6			
	6 kV / 3		
	A5 / V-0		
C €			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
41			
6			
	6 kV / 3		
	A5 / V-0		
C €			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			

Note

Ordering data

Version
Note

Type	Qty.	Order No.
SET AAP11 6/1.5/12C	1	2506090000

Type	Qty.	Order No.
SET AAP11 6/1.5/24C	1	2506370000

Accessories

Plug-in cross-connection	
	2-pole / red
	10-pole / red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MC SDR	160	1856750000
DEK 5/8 PLUS MC SDR	160	1046370000
WS 10/8 PLUS MC SDR	84	1906030000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MC SDR	160	1856750000
DEK 5/8 PLUS MC SDR	160	1046370000
WS 10/8 PLUS MC SDR	84	1906030000

For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

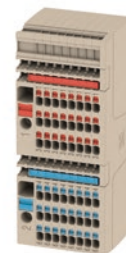
All MultiMark variants (MM) = strip markers

AAP – potential distribution terminal blocks

SET AAP13 6/1.5/12C

6 mm²

SET AAP13 6/1.5/24C

6 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

24.5 x 96 x 47
41 / 6
0.34...6

38.5 x 96 x 47
41 / 6
0.34...6

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
41			
6			
	4 kV / 3		
	A5 / V-0		
C E			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
41			
6			
	4 kV / 3		
	A5 / V-0		
C E			
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...6			
12 / 1.0 x 5.5 mm			

Ordering data

Version
Note

Type	Qty.	Order No.
SET AAP13 6/1.5/12C	1	2506340000

Type	Qty.	Order No.
SET AAP13 6/1.5/24C	1	2506380000

Accessories

Plug-in cross-connection	
2-pole / red	
10-pole / red	
End bracket	
dark beige, screwable	
dark beige, direct mounting	
Tools	
Tester	
Marking tags	

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MC SDR	160	1856750000
DEK 5/8 PLUS MC SDR	160	1046370000
WS 10/8 PLUS MC SDR	84	1906030000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MC SDR	160	1856750000
DEK 5/8 PLUS MC SDR	160	1046370000
WS 10/8 PLUS MC SDR	84	1906030000

For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

Control voltage distribution

PUSH IN connection

AAP – potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	beige / red pusher
	beige / blue pusher
	beige / orange pusher
	beige / white pusher
	green-yellow / orange pusher
	blue / orange pusher
	green / orange pusher
Note	

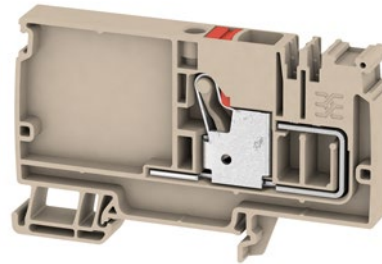
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole/ red
	2-pole/ blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

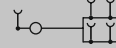
For detailed information on other accessories and application in the online catalogue

AAP12 10 LO

10 mm²



10 x 89 x 53.5
57 / 10
0.5...10



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800	600	600	
57	51	51	
10	AWG 20...6	AWG 20...6	
8 kV / 3			
A6 / V-0			
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...10			
18 / 1.0 x 5.5 mm			

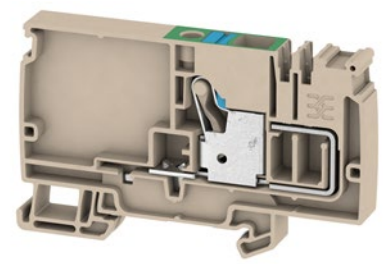
Type	Qty.	Order No.
AAP12 10 LO RD	20	1988190000
AAP12 10 LO BL	20	1988180000
AAP12 10 LO OR	20	2503900000
AAP12 10 LO WT	20	2683450000
AAP12 10 LO BL/OR	20	2522860000
AAP12 10 LO GN/OR	20	2619410000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/10 MM WS	350	2619890000
WS 10/12 MC NE WS	300	1905970000

All MultiMark variants (MM) = strip markers

AAP12 10 FE

10 mm²



10 x 89 x 53.5
/ 10
0.5...10



In accordance with IEC 60947-7-2

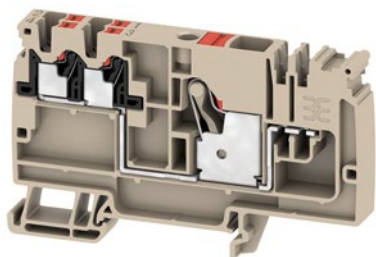
IEC	UL	CSA	EN 60079-7
	600	600	
10	AWG 20...6	AWG 20...6	
8 kV / 3			
A6 / V-0			
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...10			
18 / 1.0 x 5.5 mm			

Type	Qty.	Order No.
AAP12 10 FE	20	1988200000
FE = functional earth, contact to DIN rail.		

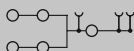
Type	Qty.	Order No.
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/10 MM WS	350	2619890000
WS 10/12 MC NE WS	300	1905970000

All MultiMark variants (MM) = strip markers

AAP12 10/4X2.5 10 LO-LI

10 mm²

10 x 89 x 53.5
57 / 10
0.5...10



IEC 60947-7-1

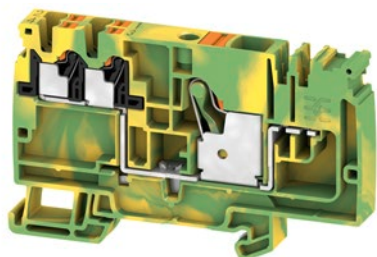
IEC	UL	CSA	EN 60079-7
800	600		
57	55		
10	AWG 28...6		
	8 kV / 3		
	A6 / V-0		

CE

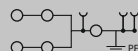
Rated connection

0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

AAP12 10/4X2.5 PE-LI

10 mm²

10 x 89 x 53.5
/ 10
0.5...10



IEC 60947-7-2

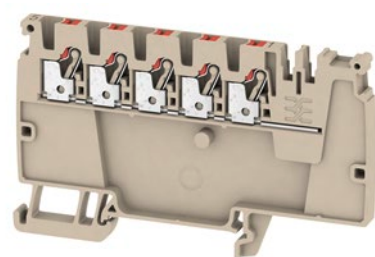
IEC	UL	CSA	EN 60079-7
	600		
10	AWG 28...8		
	8 kV / 3		
	A6 / V-0		

CE

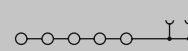
Rated connection

0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

AAP12 2.5 LI

2.5 mm²

5.1 x 89 x 53.5
24 / 2.5
0.14...2.5



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
800	600	600	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
	8 kV / 3		
	A3 / V-0		

CE

Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AAP12 10/4X2.5 LO-LI RD	20	2464730000
AAP12 10/4X2.5 LO-LI BL	20	2464720000
AAP12 10/4X2.5 LO-LI OR	20	2503890000
AAP12 10/4X2.5 LO-LI WT	20	2712970000
AAP12 10/4X2.5 LO-LI BL/OR	20	2522850000

Type	Qty.	Order No.
AAP12 10/4X2.5 PE-LI	20	2464710000

Type	Qty.	Order No.
AAP12 2.5 LI RD	50	1988290000
AAP12 2.5 LI BL	50	1988100000
AAP12 2.5 LI OR	50	2503880000
AAP12 2.5 LI WT	50	2683460000
AAP12 2.5 LI BL/OR	50	2522840000
AAP12 2.5 LI GN/OR	50	2614110000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/10 MM WS	350	2619890000
WS 10/12 MC NE WS	300	1905970000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/10 MM WS	350	2619890000
WS 10/12 MC NE WS	300	1905970000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP12	20	1988300000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 8/5 MM WS	800	2007150000

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

Control voltage distribution

PUSH IN connection

AAP – potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-
Note	

Ordering data

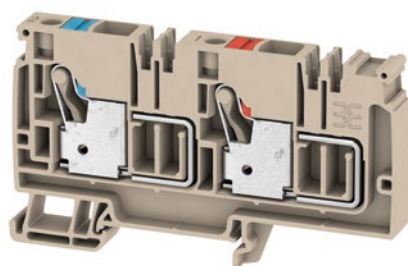
Version	
	beige / red and blue pusher
Note	

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

AAP14 10 LO-LO

10 mm²



10 x 94 x 53.5	
57 / 10	
0.5...10	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	150	150	
57	51	51	
10	AWG 20...6	AWG 20...6	
6 kV / 3			
A6 / V-0			
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...10			
18 / 1.0 x 5.5 mm			

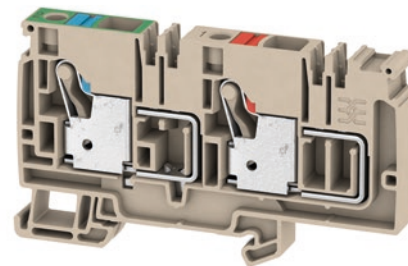
Type	Qty.	Order No.
AAP14 10 LO-LO	20	1988250000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP14	20	1988340000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/10 MM WS	350	2619890000
WS 10/12 MC NE WS	300	1905970000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

All MultiMark variants (MM) = strip markers

AAP14 10 FE-LO

10 mm²



10 x 94 x 53.5	
57 / 10	
0.5...10	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500	150	300	
57	51	51	
10	AWG 20...6	AWG 20...6	
6 kV / 3			
A6 / V-0			
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...10			
18 / 1.0 x 5.5 mm			

Type	Qty.	Order No.
AAP14 10 FE-LO	20	1988240000

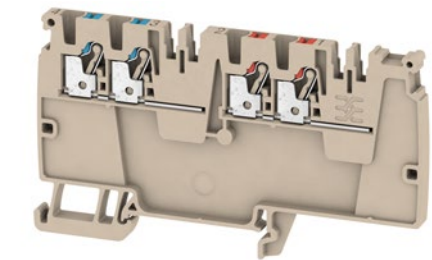
FE = functional earth, contact to terminal rail

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP14	20	1988340000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/10 MM WS	350	2619890000
WS 10/12 MC NE WS	300	1905970000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

All MultiMark variants (MM) = strip markers

For detailed information on other accessories and application in the online catalogue

AAP14 2.5 LI-LI 2.5 mm²



5.1 x 94 x 53.5
24 / 2.5
0.14...2.5



IEC/EN 60947-7-1:2009

IEC	UL	CSA	EN 60079-7
500	150	150	
24	20	20	
2.5	AWG 28...12	AWG 28...12	
6 kV / 3			
A3 / V-0			



Rated connection

0.5...2.5 / 0.5...2.5
0.5...2.5 / 0.5...2.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
AAP14 2.5 LI-LI	50	1988230000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
ZQV 2.5N/2 BL	24 A 60	1527740000
ZQV 2.5N/10 BL	24 A 20	1527880000
AEP AP14	20	1988340000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000
DEK 5/5 MM WS	800	2007110000

All MultiMark variants (MM) = strip markers

Control voltage distribution PUSH IN connection

AAP – potential distribution terminal blocks

SET AAP12 10/2.5/10C

10 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

45.2 x 89 x 53.5
48 / 10
0.5...10

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
48			
10			
	8 kV / 3		
	A6 / V-0		

C €

Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...10	
18 / 1.0 x 5.5 mm	

Ordering data

Version
Note

Type	Qty.	Order No.
SET AAP12 10/2.5/10C	1	2506350000

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole/ red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MC SDR	160	1856750000
DEK 5/8 PLUS MC SDR	160	1046370000
WS 10/8 PLUS MC SDR	84	1906030000

For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

AAP – potential distribution terminal blocks

SET AAP14 10/2.5/10C

10 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

36.5 x 89 x 53.5
57 / 10
0.5...10

Technical data

Rated data	
Rated voltage of feed-through terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version
Note

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Tools	
	Tester
Marking tags	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
57			
10			
	8 kV / 3		
	A6 / V-0		

C €

Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...10	
18 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
SET AAP14 10/2.5/10C	1	2506360000

Type	Qty.	Order No.
ZQV 2.5N/2 RD	24 A 60	2108470000
ZQV 2.5N/10 RD	24 A 20	2108910000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ZUB MULTIMETER	1	9205270000
DEK 5/8 MC NE WS	800	1856740000
DEK 5/8 MC SDR	160	1856750000
DEK 5/8 PLUS MC SDR	160	1046370000
WS 10/8 PLUS MC SDR	84	1906030000

For detailed information on other accessories and
 application in the online catalogue

All MultiMark variants (MM) = strip markers



Control voltage distribution

PUSH IN connection

AAP – potential distribution terminal blocks

Potential distribution with separate fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length	
Blade size	

Note

Ordering data

Version
beige / red pusher
beige / blue pusher
beige / orange pusher
blue / orange pusher

Note

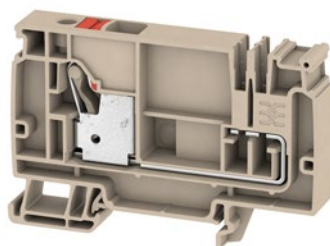
Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole/ red
	2-pole/ blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Marking tags	

For detailed information on other accessories and application in the online catalogue

AAP21 10 LO

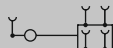
10 mm²



12 x 82 x 53.5

57 / 10

0.5...10



In accordance with IEC 60947-7-1

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
250	600 (C)	600 (C)	
57	51	51	57
10	AWG 20...6	AWG 20...6	10

4 kV / 3 V-0

TUEV17ATEX8063U

Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...10	
18 mm	
1.0 x 5.5 mm	

Type	Qty.	Order No.
AAP21 10 LO RD	20	2428910000
AAP21 10 LO BL	20	2428940000
AAP21 10 LO OR	20	2581690000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000

AEP AP21	20	2429020000
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AEB 35 SC/1	50	1991920000
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AEB 35 SCL/1 V0	20	2661280000
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ATPG 1.5-10 L	0.2 A 50	1991890000
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PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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WS 10/12 MC NE WS	300	1905970000
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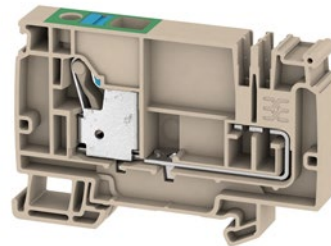
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WS-A 8/12 MM WS	300	2619900000
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All MultiMark variants (MM) = strip markers

AAP21 10 FE

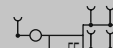
10 mm²



12 x 82 x 53.5

/ 10

0.5...10



In accordance with IEC 60947-7-2

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
	600 (C)	600 (C)	
			57
10	AWG 20...6	AWG 20...6	10 mm ²

4 kV / 3 V-0

TUEV17ATEX8063U

Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...10	
18 mm	
1.0 x 5.5 mm	

Type	Qty.	Order No.
AAP21 10 FE	20	2428920000

Functional earth (FE), contact to terminal rail

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000

AEP AP21	20	2429020000
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AEB 35 SC/1	50	1991920000
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AEB 35 SCL/1 V0	20	2661280000
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ATPG 1.5-10 L	0.2 A 50	1991890000
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PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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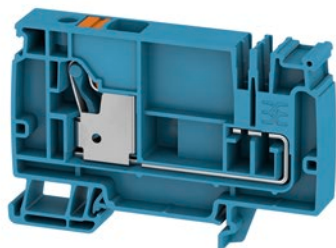
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All MultiMark variants (MM) = strip markers

AAP21 10 LO

10 mm²

12 x 82 x 53.5
57 / 10
0.5...10



In accordance with IEC
60947-7-1

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
250	600 (C)	600 (C)	
57	51	51	57
10	AWG 20...6	AWG 20...6	10

4 kV / 3

V-0



TUEV17ATEX8063U

Rated connection

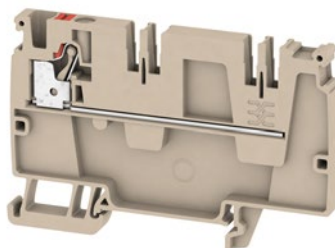
0.5...10 / 0.5...10

0.5...10 / 0.5...10

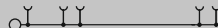
18 mm

1.0 x 5.5 mm

AAP21 4 LI

4 mm²

6.1 x 82 x 53.5
32 / 4
0.14...4



In accordance with IEC
60947-7-1

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
32	20	20	32
4	AWG 26...10	AWG 26...10	4 mm ²

4 kV / 3

V-0



TUEV17ATEX8063U

Rated connection

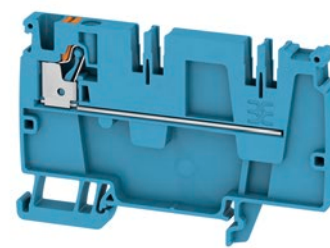
0.5...4 / 0.5...4

0.5...4 / 0.5...4

12 mm

0.6 x 3.5 mm

AAP21 4 LI

4 mm²

6.1 x 82 x 53.5
32 / 4
0.14...4



In accordance with IEC
60947-7-1

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
250	300 (C)	300 (C)	
32	20	20	32
4	AWG 26...10	AWG 26...10	4 mm ²

4 kV / 3

V-0



TUEV17ATEX8063U

Rated connection

0.5...4 / 0.5...4

0.5...4 / 0.5...4

12 mm

0.6 x 3.5 mm

Type	Qty.	Order No.
AAP21 10 LO BL/OR	20	2581800000

Type	Qty.	Order No.
AAP21 4 LI RD	50	2428930000
AAP21 4 LI BL	50	2428960000
AAP21 4 LI OR	50	2581700000

Type	Qty.	Order No.
AAP21 4 LI BL/OR	50	2582530000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
ZEW 35/2	20	8630740000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
ZEW 35/2	20	8630740000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

Control voltage distribution PUSH IN connection

AAP – potential distribution terminal blocks



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length	
Blade size	

Note

Ordering data

Version	
beige / red pusher, 250 V AC/DC, without LED	
beige / red pusher, 10-36 V AC/DC, with LED	
beige / red pusher, 30-70 V AC/DC, with LED	
beige / red pusher, 60-150 V AC/DC, with LED	
beige / red pusher, 100-250 V AC/DC, with LED	
beige / orange pusher, 250 V AC/DC, without LED	
beige / orange pusher, 100-250 V AC/DC, with LED	
beige / blue pusher	
beige / orange pusher	
blue / orange pusher	

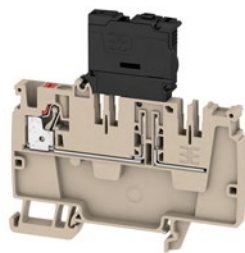
Note

Accessories

Plug-in cross-connection	
2-pole/ red	
10-pole/ red	
2-pole/ blue	
10-pole/ blue	
End plate / Partition plate	
End bracket	
dark beige, screwable	
dark beige, direct mounting	
Test plug	
Screwdriver	
Standard	
Marking tags	
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)	
0.25 A fast	
0.50 A fast	
1.00 A fast	
2.00 A fast	
For detailed information on other accessories and application in the online catalogue	

AAP21 4 FS

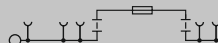
4 mm²



6.1 x 82 x 82

6.3 / 4

0.14...4



In accordance with IEC
60947-7-3

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
250	150 (C)		
6.3	10		6.3
4	AWG 26...10		4 mm ²
4 kV / 3			
V-0			

TUEV17ATEX8064U

Rated connection

0.5...4 / 0.5...4

0.5...4 / 0.5...4

12 mm

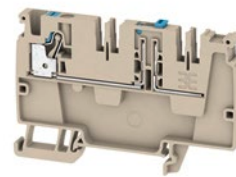
0.6 x 3.5 mm

Type	Qty.	Order No.
AAP21 4 FS	50	2428950000
AAP21 4 FS 10-36V	50	2458990000
AAP21 4 FS 30-70V	50	2460200000
AAP21 4 FS 60-150V	50	2460190000
AAP21 4 FS 100-250V	50	2460180000
AAP21 4 FS OR	50	2581720000
AAP21 4 FS 100-250V OR	50	2581790000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000
All MultiMark variants (MM) = strip markers		

AAP21 4 DT

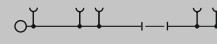
4 mm²



6.1 x 82 x 55

20 / 4

0.14...4



In accordance with IEC
60947-7-1

Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
250	150 (C)	150 (C)	
20	20	20	20
4	AWG 26...10	AWG 26...10	4 mm ²
4 kV / 3			
V-0			

TUEV16ATEX7939U

Rated connection

0.5...4 / 0.5...4

0.5...4 / 0.5...4

12 mm

0.6 x 3.5 mm

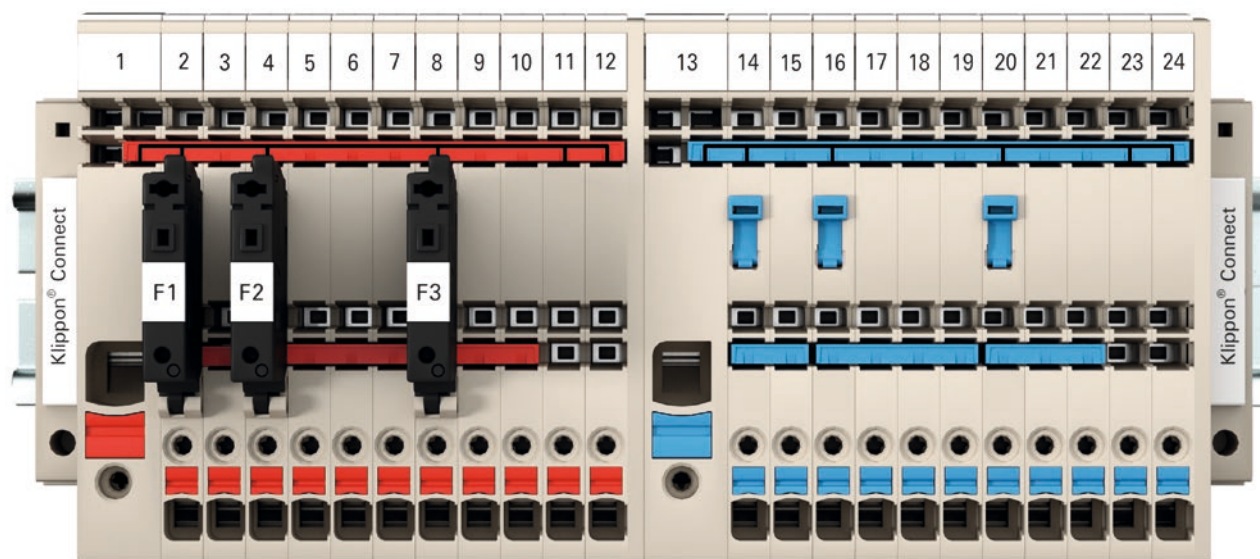
Type	Qty.	Order No.
AAP21 4 DT	50	2428980000
AAP21 4 DT OR	50	2581710000
AAP21 4 DT BL/OR	50	2582520000

Type	Qty.	Order No.
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP21	20	2429020000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000
All MultiMark variants (MM) = strip markers		



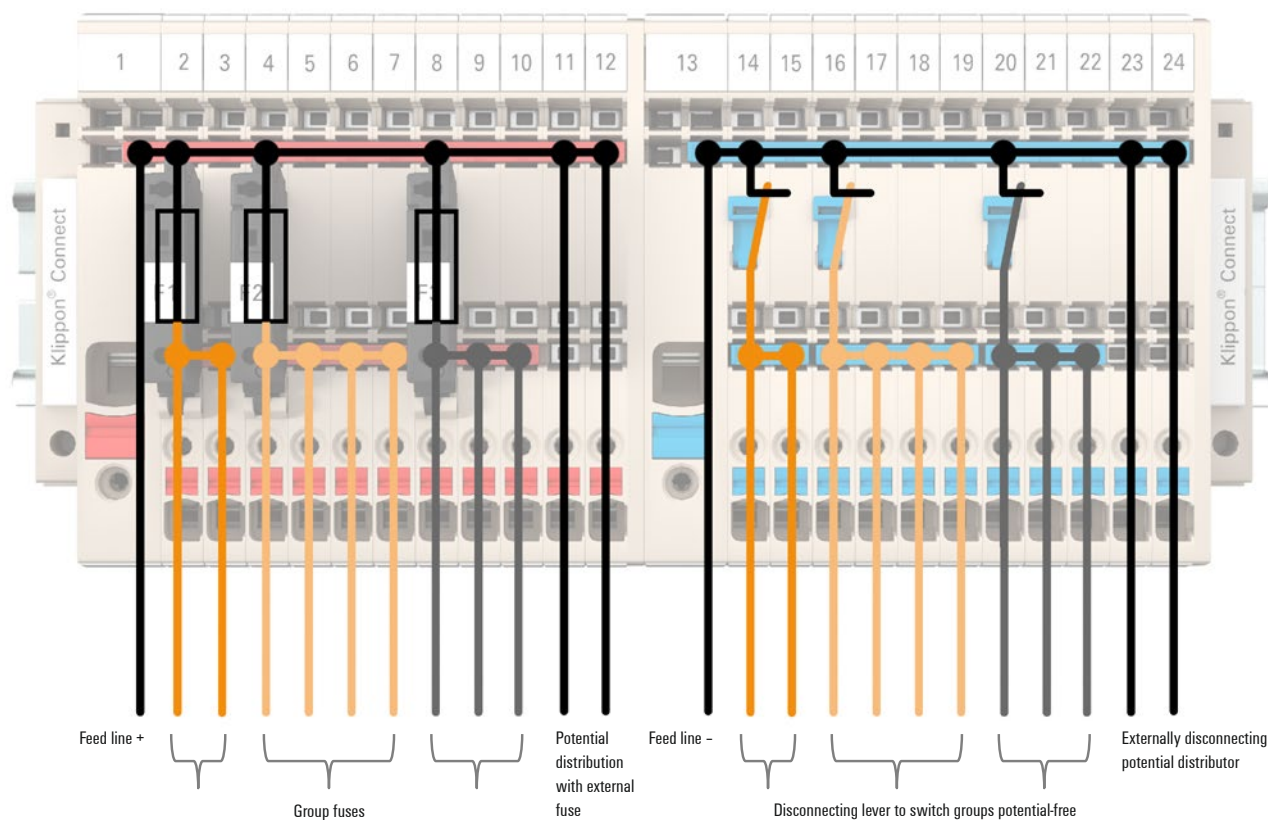
Clear, compact construction of control voltage distribution

Example configuration of potential distribution terminal block with fusing



- Group fusing through breakaway of individual poles in the cross-connections
- Groups can be switched potential-free via a disconnecter
- Direct potential distribution possible without fusing within the structure

Schematic representation of circuit diagram



Control voltage distribution

PUSH IN connection

AAP - potential distribution terminal blocks

Potential distribution with integrated fusing



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Number of operating cycles	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

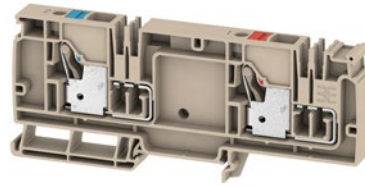
Version
beige / red and blue pusher
Note

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test plug	
Screwdriver	
	Standard
Marking tags	

AAP22 10 LO-LO

10 mm²



12 x 129 x 53.5	
57 / 10	
0.5...10	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	150	150	
57	51	51	
10	AWG 20...6	AWG 20...6	
	4 kV / 3		
	A6 / V-0		

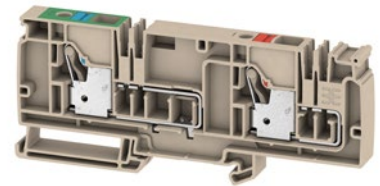


Rated connection

0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

AAP22 10 FE-LO

10 mm²



12 x 129 x 53.5	
17 / 10	
0.5...10	

In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250	150	150	
57	51	51	
10	AWG 20...6	AWG 20...6	
	4 kV / 3		
	A6 / V-0		



Rated connection

0.5...10 / 0.5...10
0.5...10 / 0.5...10
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
AAP22 10 FE-LO	20	2429000000

Type	Qty.	Order No.
AAP22 10 LO-LO	20	2428990000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP22	20	2429040000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/12 MM WS	300	2619900000
WS 10/12 MC NE WS	300	1905970000

Type	Qty.	Order No.
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
AEP AP22	20	2429040000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS-A 8/12 MM WS	300	2619900000
WS 10/12 MC NE WS	300	1905970000

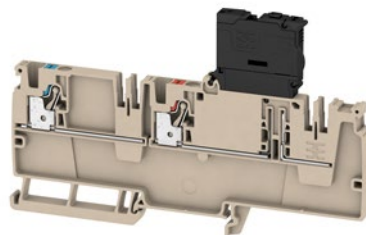
For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

AAP - potential distribution terminal blocks

AAP22 4 LI-FS

4 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length	
Blade size	

Note

Ordering data

Version	
	250 V AC/DC, without LED
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	100 - 250 V AC/DC, with LED
Note	

Accessories

Plug-in cross-connection	
	2-pole / blue
	10-pole/ blue
	2-pole/ red
	10-pole / red
End plate / Partition plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Screwdriver	
	Standard
Marking tags	

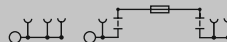
G-fuse cartridge, 5 x 20 mm (IEC 60127-2)

0.25 A fast
0.50 A fast
1.00 A fast
2.00 A fast

6.1 x 129 x 82

6.3 / 4

0.14...4



In accordance with IEC 60947-7-1,

In accordance with IEC 60947-7-3 Ex ec II C Gc II 2 G D



IEC	UL	CSA	EN 60079-7
500	300 (D)		
6.3	10		6.3
4	AWG 26...10		4 mm ²
	4 kV / 3		
	V-0		

TUEV17ATEX8064U

Rated connection

0.5...4 / 0.5...4

0.5...4 / 0.5...4

12 mm

0.6 x 3.5 mm

Type	Qty.	Order No.
AAP22 4 LI-FS	50	2429010000
AAP22 4 LI-FS 10-36V	50	2459010000
AAP22 4 LI-FS 30-70V	50	2460140000
AAP22 4 LI-FS 60-150V	50	2460130000
AAP22 4 LI-FS 100-250V	50	2460120000

Type	Qty.	Order No.
ZQV 4N/2 BL	32 A 60	1528040000
ZQV 4N/10 BL	32 A 20	1528230000
ZQV 4N/2 RD	32 A 60	2460450000
ZQV 4N/10 RD	32 A 20	2460740000
AEP AP22	20	2429040000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000
G 20/0.25A/F	0.25 A 10	0430500000
G 20/0.50A/F	0.5 A 10	0430600000
G 20/1.00A/F	1 A 10	0430700000
G 20/2.00A/F	2 A 10	0430900000

For detailed information on other accessories and application in the online catalogue

All MultiMark variants (MM) = strip markers

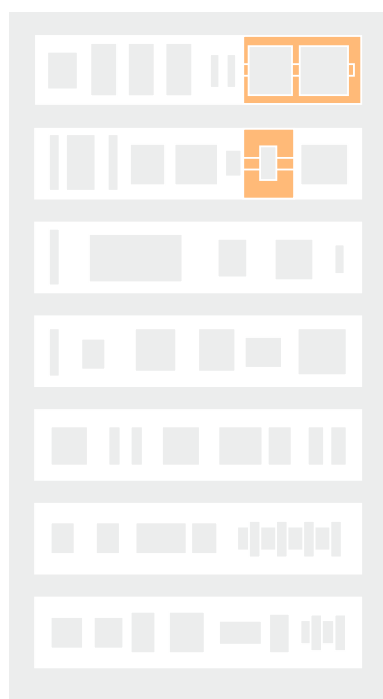
Control current distribution further developed

Load monitoring and potential distribution in one overall solution

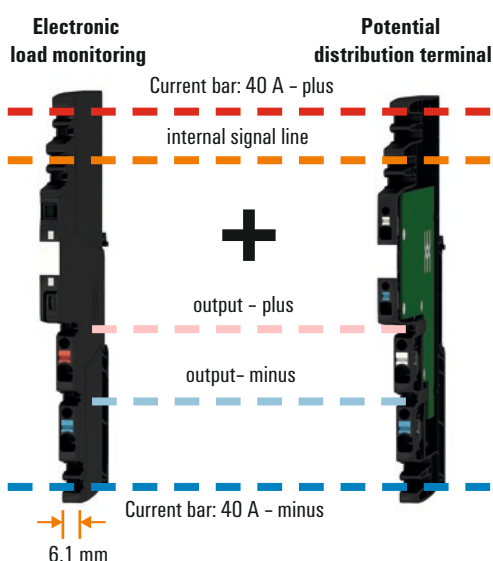
New ways in the control current distribution increase the efficiency in the operation of machines and plants. The combination of load monitoring and potential distribution terminals saves up to 50 % space and up to 20 % wiring costs, while the free combinability of numerous single-channel and four-channel variants optimizes material costs. Benefit from the advantages of a modular system that offers you high flexibility and adapts optimally to any application.



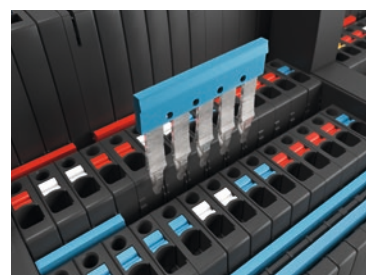
B



Combination of load monitoring and potential distribution



- Three main connection channels: positive, negative and internal signals
- Simple to increase the number of contacts thanks to crossconnection option in the potential distribution terminals



Intelligent protection of DC loads

topGUARD load monitoring system with communication via IO-LINK

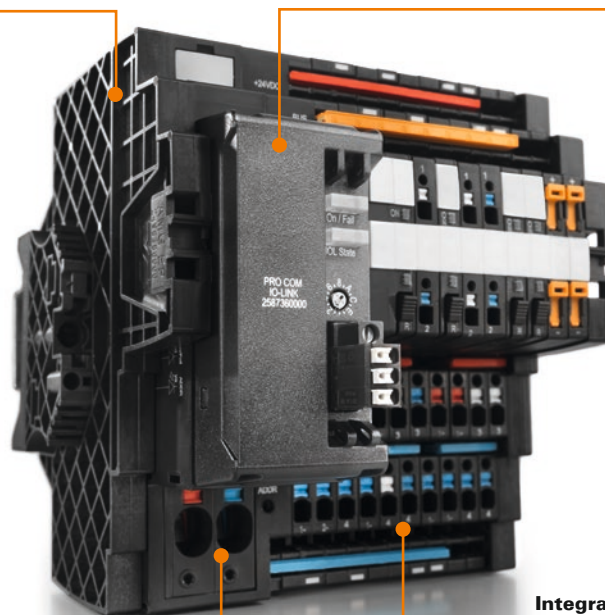
Modern machines and plants require load monitoring systems capable of communication. The IO-Link-capable load monitoring system topGUARD offers remote control options, full data transparency, and reliable protection of the 24 V system voltage.

topGUARD is an outstanding supplement to the IO-Link-capable PROtop power supplies for innovative power management systems. It saves space and time during device installation through an innovative approach to integrated distribution of potential. Parameterisation, control, and provision of all operating data are carried out by plugging in the IO-Link module and integrating an IODD file. The module can be used for PROtop power supplies as well as for topGUARD load monitoring.

IO-LINK capable

The IO-Link-capable load monitoring system topGUARD offers remote control options, provides operating data for optimal condition monitoring, and enables entirely new control solutions.

Data transparency and remote control thanks to IO-Link.

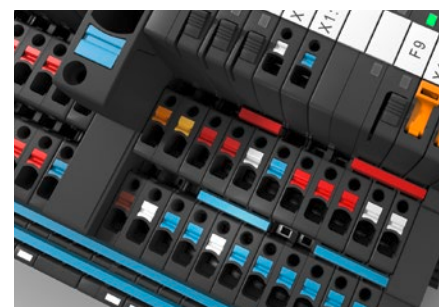


Modular and innovative

The modular concept enables custom-fit solutions. The first of its kind, voltage-adaptive class 2 load monitoring allows the continued use of 18 to 30 V DC operating voltage.

Integrated distribution of potential

The integrated distribution of potential, well known from the maxGUARD concept, takes up significantly less space and saves valuable time during installation.



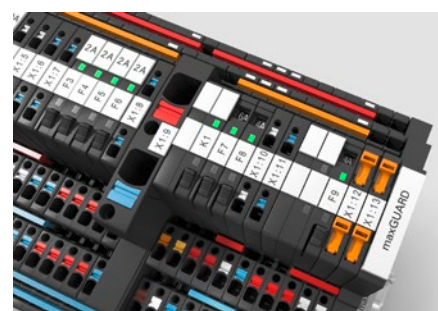
High level of modularity for optimal adaptability

Customised solutions made simple with maxGUARD

Fail-safe and maintenance-friendly control voltage distributions that can be installed in a time- and space-saving manner are a must for efficient machine and facility operation. With the new maxGUARD system, the terminal blocks (previously installed separately) for distributing potential to the outputs of the electronic load monitors become an integral part of a 24 V DC control voltage distribution solution. The new combination of load monitoring and potential distribution saves time during installation, increases safety against failure and reduces the amount of space required on the terminal rail by 50 %.

Extreme ease of servicing

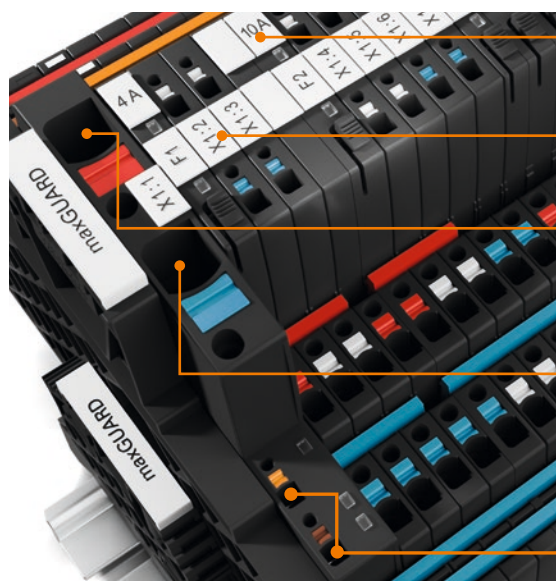
Sophisticated operating, testing and connection elements permit safe access to all voltage potentials and load circuits during commissioning and maintenance.



B



Sophisticated arrangement of connections and markers ensures clarity



Markers for current strength

Continuous marker channel for equipment ID

Supply terminal (positive): 16 mm²

Supply terminal (negative): 16 mm²

Reset input and alarm output for connecting to the PLC

Integrated test point

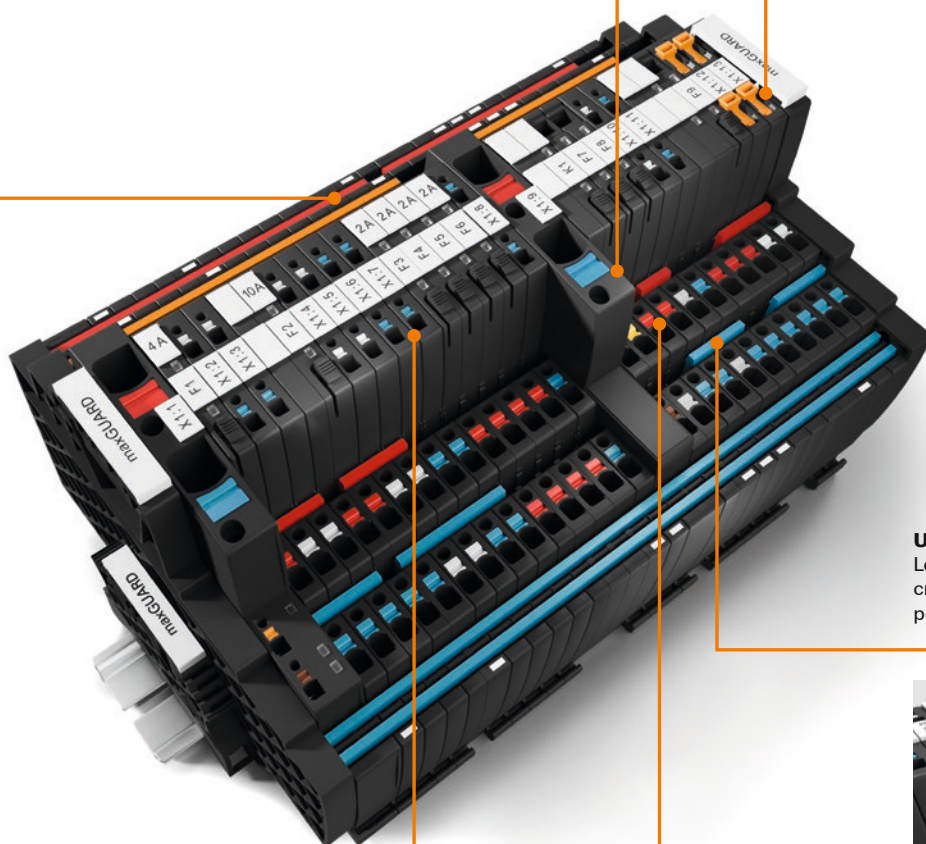
Consistently integrated test points in the maxGUARD control voltage distribution's input and output speed up troubleshooting operations.



New approvals:
Marine,
Class 2, Ex

Practical disconnecting lever

Potential distributor with a disconnecting lever for simple galvanic isolation of the load circuit for testing and checking purposes.



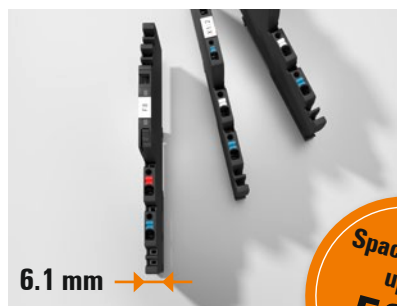
Unique cross-connectors

Less time and effort needed for wiring due to cross-connections between load monitoring and potential distribution terminals.



Particularly space-saving

Electronic load monitors and potential distributors with a 6.1 mm pitch.



6.1 mm

Space saving
up to
50 %

Time saving
of up to
20 %

Can be used in a customised way

The sheer range of variants and the very different potential distribution terminals and additional components enable customised solutions at all times.

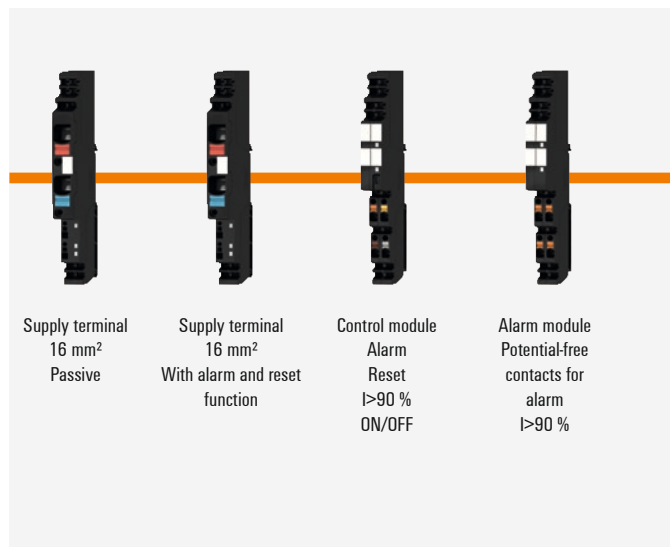
B



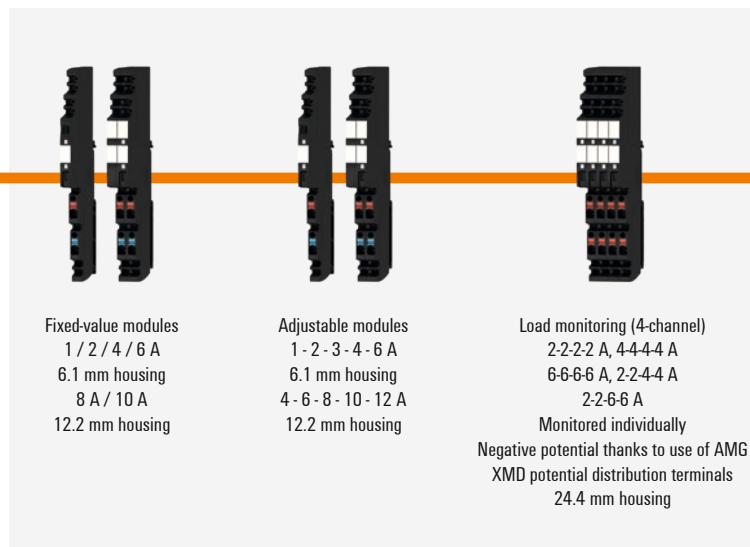
maxGUARD – product overview

Flexible and modular design

Supply terminals, control and alarm modules



Electronic load monitoring



Power-feed, control and alarm module

Alarm module with potential-free contacts for the "Alarm" and ">90%" signals. Control module with extended control function. Passive or active power-feed module with reset and alarm function

Load monitoring (fixed value)

Electronic load monitoring with fixed current (without I >90% function)

Load monitoring adjustable

Electronic load monitoring with adjustable triggering current and triggering characteristic (with I >90% function)

Load monitoring, 4 channels

4-channel electronic load monitoring with fixed triggering current (without I >90% function)

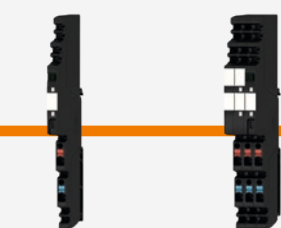
Type	Order No.
AMG FIM-O	2081870000
AMG FIM-C	2081880000
AMG FIM-O EX	2082530000
AMG FIM-C EX	2082540000
AMG CM	2081900000
AMG CM EX	2083360000
AMG AM	2081890000
AMG AM CO	2082770000

Type	Order No.
AMG ELM-1F	2080420000
AMG ELM-1F EX	2082040000
AMG ELM-2F	2080480000
AMG ELM-2F EX	2082050000
AMG ELM-4F	2080490000
AMG ELM-4F EX	2082060000
AMG ELM-6F	2080500000
AMG ELM-6F EX	2082310000
AMG ELM-8F	2080600000
AMG ELM-8F EX	2082320000
AMG ELM-10F	2080650000
AMG ELM-10F EX	2082430000

Type	Order No.
AMG ELM-6	2080360000
AMG ELM-6 EX	2082000000
AMG ELM-12	2080410000
AMG ELM-12 EX	2082010000

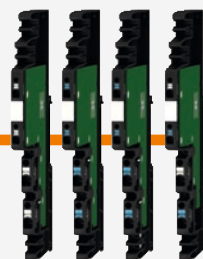
Type	Order No.
AMG ELM-Q2222	2080750000
AMG ELM-Q2244	2081650000
AMG ELM-Q2266	2081820000
AMG ELM-Q4444	2080880000
AMG ELM-Q6666	2080920000

Potential distribution and accessories



Fixed-value modules
1 / 2 / 4 A
Class 2
6.1 mm housing

Adjustable modules
with 2-pole output relay
1 - 2 - 3 - 4 - 6 A
18.3 mm housing
4 - 6 - 8 - 10 A
18.3 mm modules



Modules for potential distribution
AMG OD: 2 x Plus, 2 x Minus
AMG PD: 4 x Plus
AMG MD: 4 x Minus
AMG XMD: 4 x Minus (direct)



Terminal block
for all pole disconnection
of the load
AMG DIS



Isolating plate, end plate
and bracket
for isolation, structuring and
proper fit
of the DC station

Load monitoring (fixed value) Class 2

Electronic load monitoring with fixed rated current
(without I > 90 % pre warning)
Class 2 Approval

Type	Order No.
AMG ELM-1F CL2	2491270000
AMG ELM-2F CL2	2491280000
AMG ELM-4F CL2	2491290000

Load monitoring with relay

Electronic load monitoring with 2-pole output relay for allpole load disconnection; triggering current and triggering characteristic adjustable
(with I > 90% function)

Type	Order No.
AMG ELM-6D CO	2082440000
AMG ELM-10D CO	2082470000

Potential distributor

Flexible application through various potential distributor.

Type	Order No.
AMG MD	2122930000
AMG MD EX	2495040000
AMG OD	2122910000
AMG OD EX	2495090000
AMG PD	2122920000
AMG PD EX	2495070000
AMG XMD	2122940000
AMG XMD EX	2495080000
AMG DIS	2123050000
AMG DIS EX	2495100000

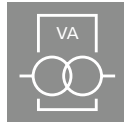
End plate and Separation plate

End plate for mechanical stabilization.
Separation plate for logical subdivision.

Type	Order No.
AMG PP	2123000000
AMG EP	2495380000
AMG EP KIT	2500760000

Efficient implementation of testing and measurement switchgear

Safe and thorough with Klippon® Connect

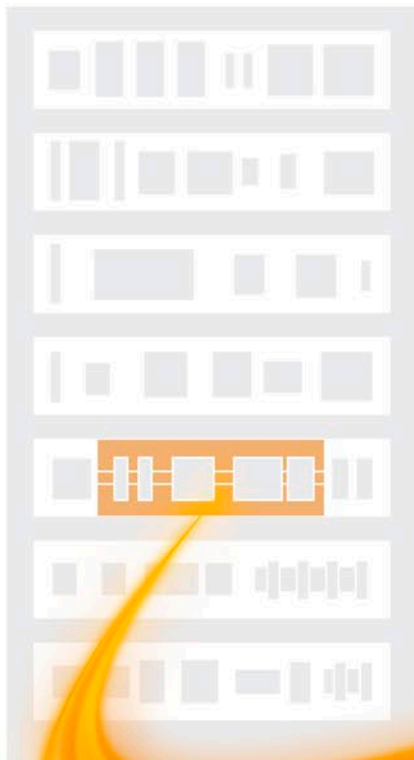


In energy monitoring, incorrect wiring can destroy current and voltage transformers. Our specially developed test-disconnect terminal blocks, in various connection technologies, are a safe way of solving this problem. Simple operation ensures error-free, convenient wiring. This guarantees the protection of your transformers and measuring devices and ensures safe, precise work. Our integrated terminal blocks, in modular design for transformer switches, also save space in the panel.

Our promise

The sophisticated features and proven connection technologies means Klippon® Connect solves testing and measurement issues more safely and efficient. Our extensive portfolio provides flexibility and productivity at all stages of the process.

B



Safety

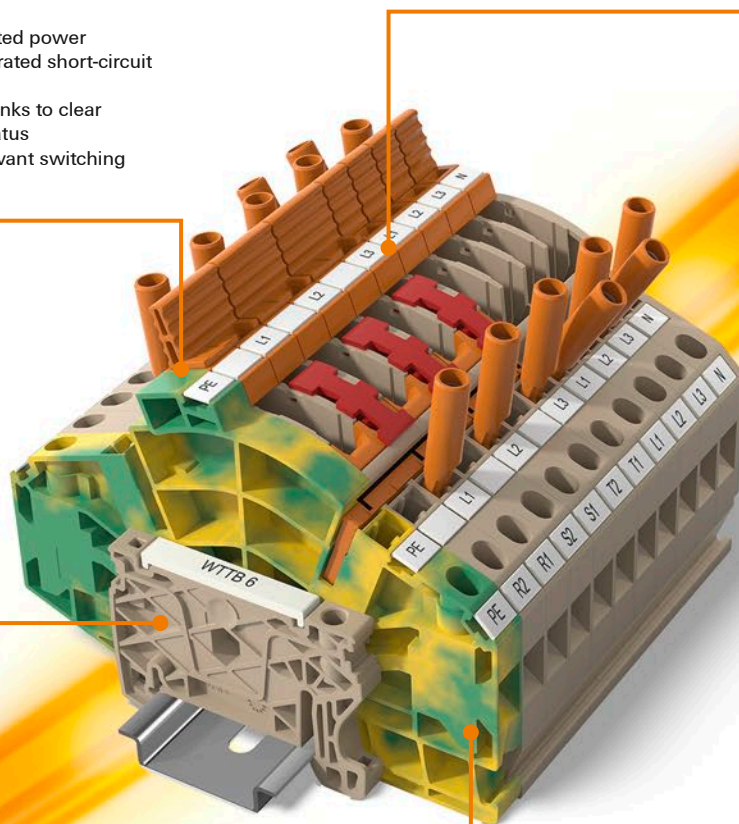
- Highest possible protection of measuring instruments against destruction by avoiding incorrect wiring
- Safe protection of connected power converters thanks to integrated short-circuit contact
- Simple, safe operation thanks to clear identification of switch status
- Lockout to secure the relevant switching status

Space saving

- Modular setup of transformer switching thanks to test-disconnect terminal blocks
- Design of a simple current transformer test circuit with just two terminal blocks

Time saving

- Extensive range of accessories consisting of test adapters, cross-connections and markers
- PUSH IN technology for quick, safe wiring
- Make before break function exclusive to the TTB family

**Flexibility**

- Reliable implementation of all standard transformer switching applications
- Specially developed for all conceivable requirements

Our range**Simple operation to prevent errors:**

With our test-disconnect terminal blocks, based on tested Weidmüller screw connection technology, connecting challenges can be resolved clearly and cost-effectively. The screws connecting the conductors are only accessible after the current transformer has been short-circuited using the short-circuit slider. This ensures safety as it prevents accidental short-circuiting or opening of the converter circuit.

Screwless and simple:

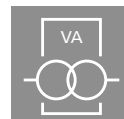
Our test-disconnect terminal blocks with PUSH IN and tension clamp technology are the ideal solution to establishing switching circuits for measurement tasks. The simple operating system with a spring connection and the clear identification of the switch status guarantee safe short-circuiting and disconnecting at all times.



Klippon® Connect TTB Range for instrument transformer wiring

Ensuring safety of personnel and devices

In T&D applications, current and voltage transformers are mainly used for protection and measurement functions. Our new TTB range of Klippon® Connect instrument transformer terminal blocks have been designed to meet all the connection requirements of these two critical applications.



The wiring of current and voltage transformers can be carried out particularly easily and safely with the new terminal block series – even within complex circuits. The prevention of operating errors during operation increases plant availability and extends the life cycle of the entire control cabinet. Thus, the respective requirements of the end user are fulfilled to the highest degree.

B



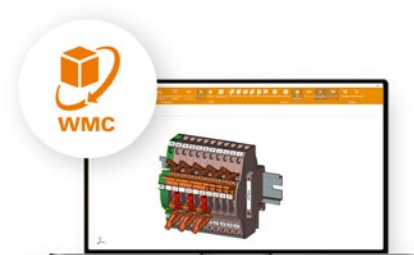
Captive components

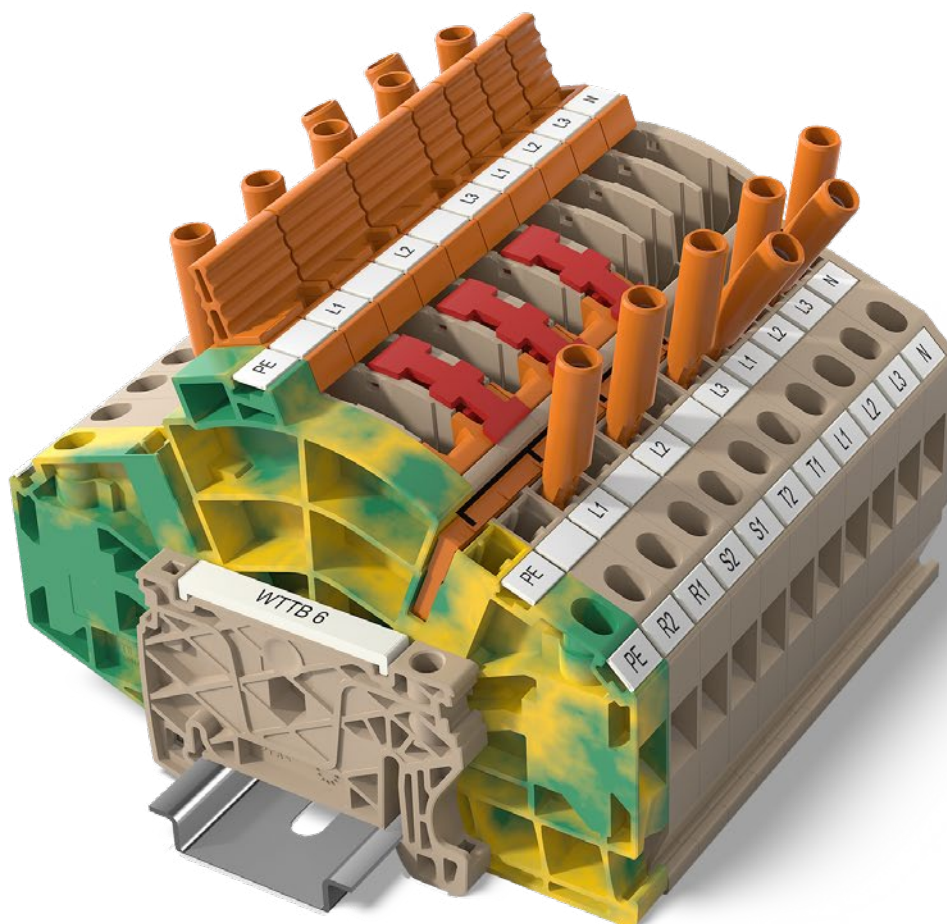
All function- and safety-relevant components are captively connected to the terminal block. This increases the reliability of the current and voltage transformer circuits during installation and maintenance work.



Data-supported accessory selection via WMC

The complete provision of data in the Weidmüller Configurator (WMC) enables a particularly simple selection of safety-critical accessories as well as safe and rational product configuration.





Unique lever mechanism

The unique lever mechanism is particularly user-friendly. It offers maximum contact reliability and can be optimally operated under all lighting conditions. The disconnect lever can be operated either manually or with a standard screwdriver. It also offers an easy possibility to implement multi-pole actuations.



Free choice of connection technology

The TTB range terminal blocks and their accessories are highly standardised. All features can be used regardless of the chosen connection solution – whether PUSH IN or screw connection.

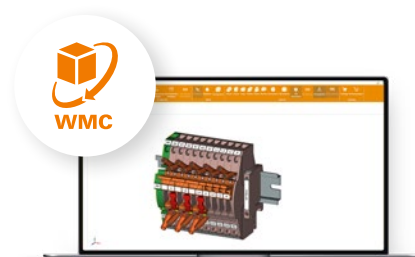


Unique features giving added value throughout the complete process

From planning through installation and operation

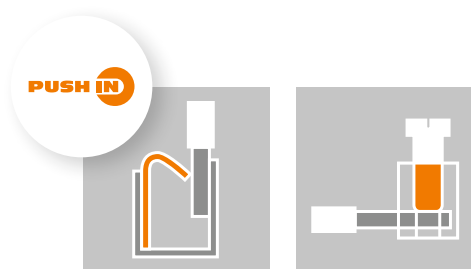
Data-supported accessory selection via WMC

The complete provision of data in the Weidmüller Configurator (WMC) enables a particularly simple selection of safety-critical accessories as well as safe and rational product configuration.



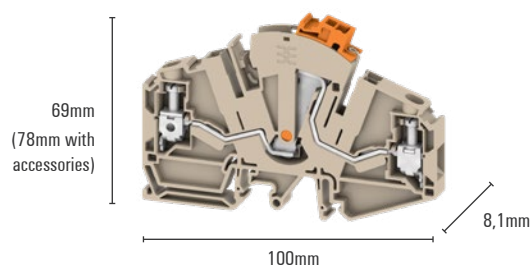
Free choice of connection technology

The TTB range terminal blocks and their accessories are highly standardised. All features can be used regardless of the chosen connection solution – whether PUSH IN or screw connection.



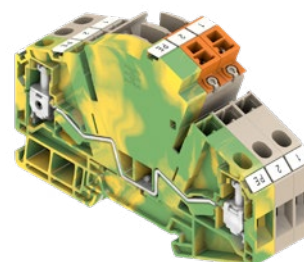
Maximum function density

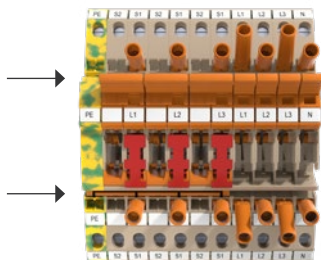
The new transformer terminal blocks of the TTB range are particularly compact and offer an outstanding functional density compared to other solutions on the market.



PE terminal with identical contour

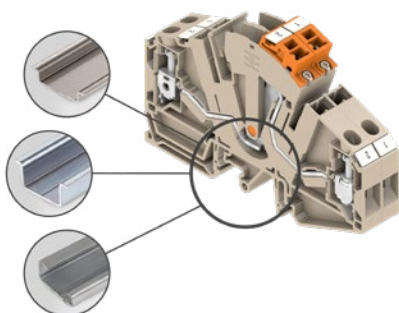
The new TTB range includes a PE terminal block having the same contour. It can be connected to the current or voltage transformer terminal via standard cross-connections. This simplifies and accelerates the earthing of star points in the control cabinet.





Dedicated cross-connection channel

A cross-connection channel, upstream and downstream the disconnect point, ensures maximum flexibility during installation. Neither the short-circuit function of current transformers nor the testing possibilities are limited. In this way, even more complex circuit requirements can be realised with the same standardised accessories.



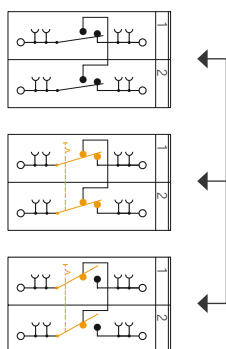
Easy to install (for WTTB 6 and HTTB 6)

The integrated combi-foot simplifies flexible mounting on the common G32 and TH35 mounting rail profiles. The product replacement therefore can be carried out without the cost-intensive exchange of the mounting rails.



Unique lever mechanism

The unique lever mechanism is particularly user-friendly. It offers maximum contact reliability and can be optimally operated under all lighting conditions. The disconnect lever can be operated either manually or with a standard screwdriver. It also offers an easy possibility to implement multi-pole actuations.



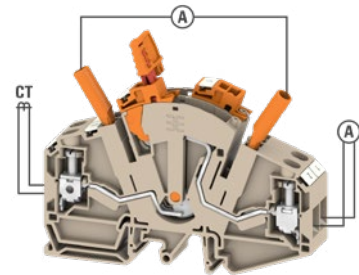
New forced short circuit functionality

The combination of isolating lever, short circuit bridge, and lever link in a single system guarantees that the secondary wiring of a current transformer is short-circuited before the longitudinal disconnection takes place. This „Make Before Break“ contact can be realised for up to four terminals.

Unique features giving added value throughout the complete process From planning through installation and operation

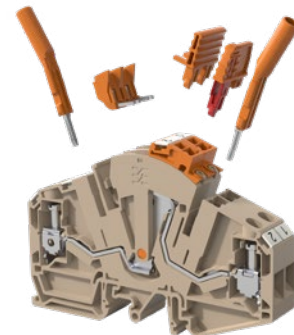
Reliable comparative measurement

A patented CM (Comparative Measurement) lever link allows two terminal blocks to be selectively separated to connect a calibrated measuring device. After the measurement, the captive lever is returned to its original position, with the „make before break“ contact remaining active. This is a unique feature of the TTB range which guarantees maximum safety for personnel and asset preservation.



Captive components

All function- and safety-relevant components are captively connected to the terminal block. This increases the reliability of the current and voltage transformer circuits during installation and maintenance work.



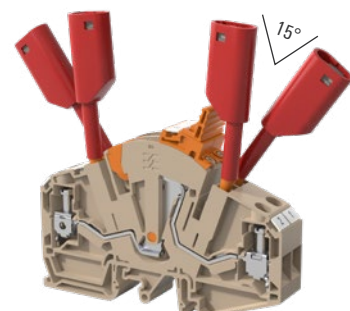
Clear marking

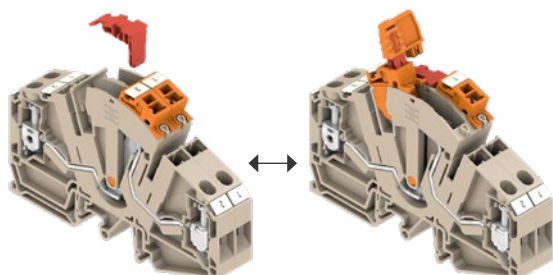
To identify circuits unambiguously is extremely important for safety. For this reason, the new instrument transformer terminal blocks have large marking areas which are clearly visible from any angle.



Angled test sockets

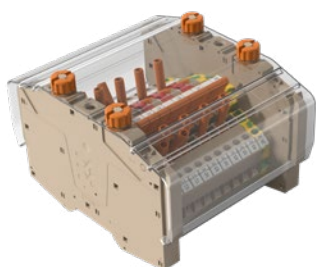
The angled test sockets enable the connection of 4.0 plugs in widths of up to 10 mm. Due to the alternating arrangement, all standard measurements can be done without fanning-out despite the reduced width of the terminal.





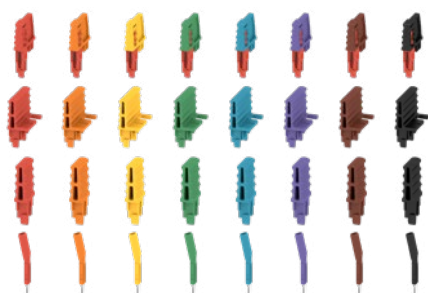
Reliable switch lock

The switch lock prevents the disconnect lever from being moved out of the set position. This avoids unauthorised opening and closing of circuits.



Enhanced safety cover hood system

The transparent cover hood system protects and seals the entire assembly. It is available either as a full-length profile or as an individual cover. It can only be fixed when all connection components are in their initial position. The assembly is optimally protected against unauthorised access without impairing visual inspection.



Distinct colour coding

In order to guarantee maximum safety in installation and maintenance, an extensive colour range is available for the requested colour-coding of terminals, accessories, test sockets and lever links.



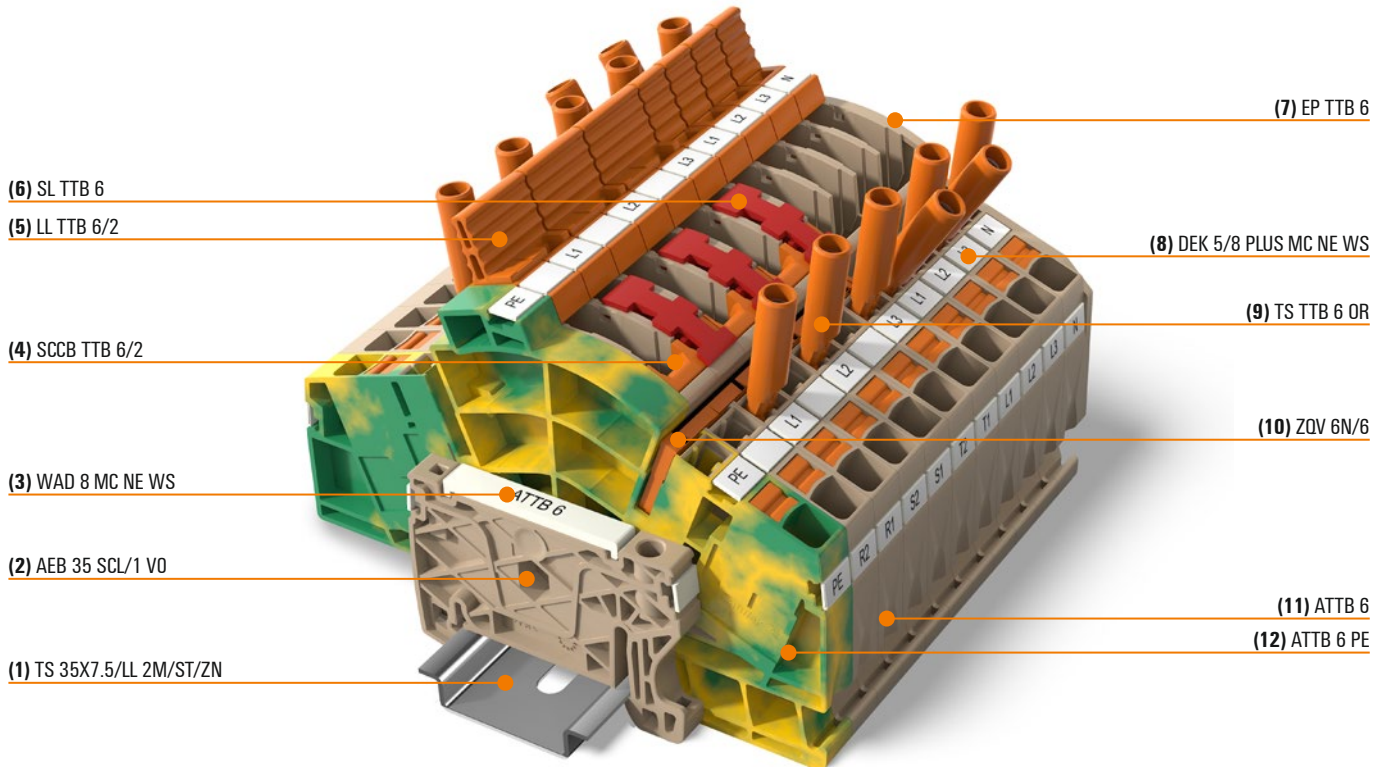
IEC CB Scheme Certification

Klippon® Connect TTB range instrument transformer terminal blocks are certified by third party according to the requirements of IEC 60947-7-1 – Annex D Standard. Such certification grants the safe use of TTB range terminals throughout time and is a recognised qualified reference worldwide.

Instrument transformer wiring TTB-Range – PUSH IN connection

Klippon® Connect ATTB Range with PUSH IN technology

Technical details and order numbers



Overview of ordering data

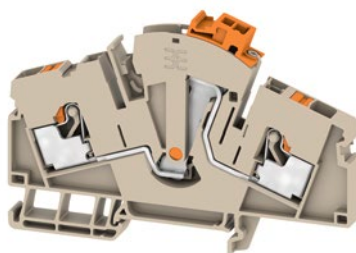
Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	0514500000
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	2661280000
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	1112910000
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	2710190000
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	2710200000
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	2710210000
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	2710230000
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	2710300000
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	2710440000
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	2710450000
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	2710460000
	Lever link for comparative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	2710370000
	Lever link for comparative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	2726110000
	Lever link for comparative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	2726110000
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	2710220000
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	2710170000
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	1046350000
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	2710470000
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	2733950000
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	2733960000
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	2733970000
11	Instrument transformer wiring terminal block	ATTB 6	8.1 x 69 x 100 mm	dark beige*	50	2710090000
12	Instrument transformer wiring terminal block PE	ATTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	2710100000

* More colored version you will find inside our online catalogue



ATTB 6

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 100 x 68	
30 / 6	
0.5...6	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Short-time withstand current resistance	
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Green/yellow
Note	

Accessories

Short circuit bridge	
	2-pole
	3-pole
	4-pole
Cross-connector	
	6-pole
	7-pole
	10-pole
End plate	
	dark beige
Lever link	
	1-pole
	2-pole
	for comparative measurement 2-pole
Test plug	
	orange
	blue
	green
	yellow
	Black
	violet
Switch Lock	
Cover	
	Textile cover
	Cover profile
	Cover support
Marking tags	

For detailed information on other accessories and application in the online catalogue

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
30			
6			
	6 kV / 3		
	A5 / V-0		

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 0.8 x 4.0 mm

Type	Qty.	Order No.
ATTB 6	50	2710070000

Type	Qty.	Order No.
SCCB TTB 6/2	30 A 25	2710190000
SCCB TTB 6/3	30 A 25	2710200000
SCCB TTB 6/4	30 A 25	2710210000
ZQV 6N/6	41 A 20	2733950000
ZQV 6N/7	41 A 20	2733960000
ZQV 6N/10	41 A 20	2733970000
EP TTB 6	20	2710170000
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/2 CM	50	2710370000
TS TTB 6 OR	48	2710470000
TS TTB 6 BL	48	2710480000
TS TTB 6 GN	48	2710490000
TS TTB 6 YL	48	2710500000
TS TTB 6 BK	48	2710520000
TS TTB 6 VT	48	2710530000
SL TTB 6	50	2710220000
CH TTB	1	2710130000
CP TTB	1	2710140000
CS TTB	10	2710150000
DEK 5/8 PLUS MC NE WS	800	1046350000

More colours at catalog.weidmueller.com

ATTB 6 PE

6 mm²



8.1 x 100 x 68	
/ 6	
0.5...6	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6			
	/ 3		
	A5 / V-0		

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...6
12 / 0.8 x 4.0 mm

Type	Qty.	Order No.
ATTB 6 PE	50	2710080000

Type	Qty.	Order No.
SCCB TTB 6/2	30 A 25	2710190000
SCCB TTB 6/3	30 A 25	2710200000
SCCB TTB 6/4	30 A 25	2710210000
ZQV 6N/6	41 A 20	2733950000
ZQV 6N/7	41 A 20	2733960000
ZQV 6N/10	41 A 20	2733970000
EP TTB 6	20	2710170000
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/2 CM	50	2710370000
TS TTB 6 OR	48	2710470000
TS TTB 6 BL	48	2710480000
TS TTB 6 GN	48	2710490000
TS TTB 6 YL	48	2710500000
TS TTB 6 BK	48	2710520000
TS TTB 6 VT	48	2710530000
SL TTB 6	50	2710220000
CH TTB	1	2710130000
CP TTB	1	2710140000
CS TTB	10	2710150000
DEK 5/8 PLUS MC NE WS	800	1046350000

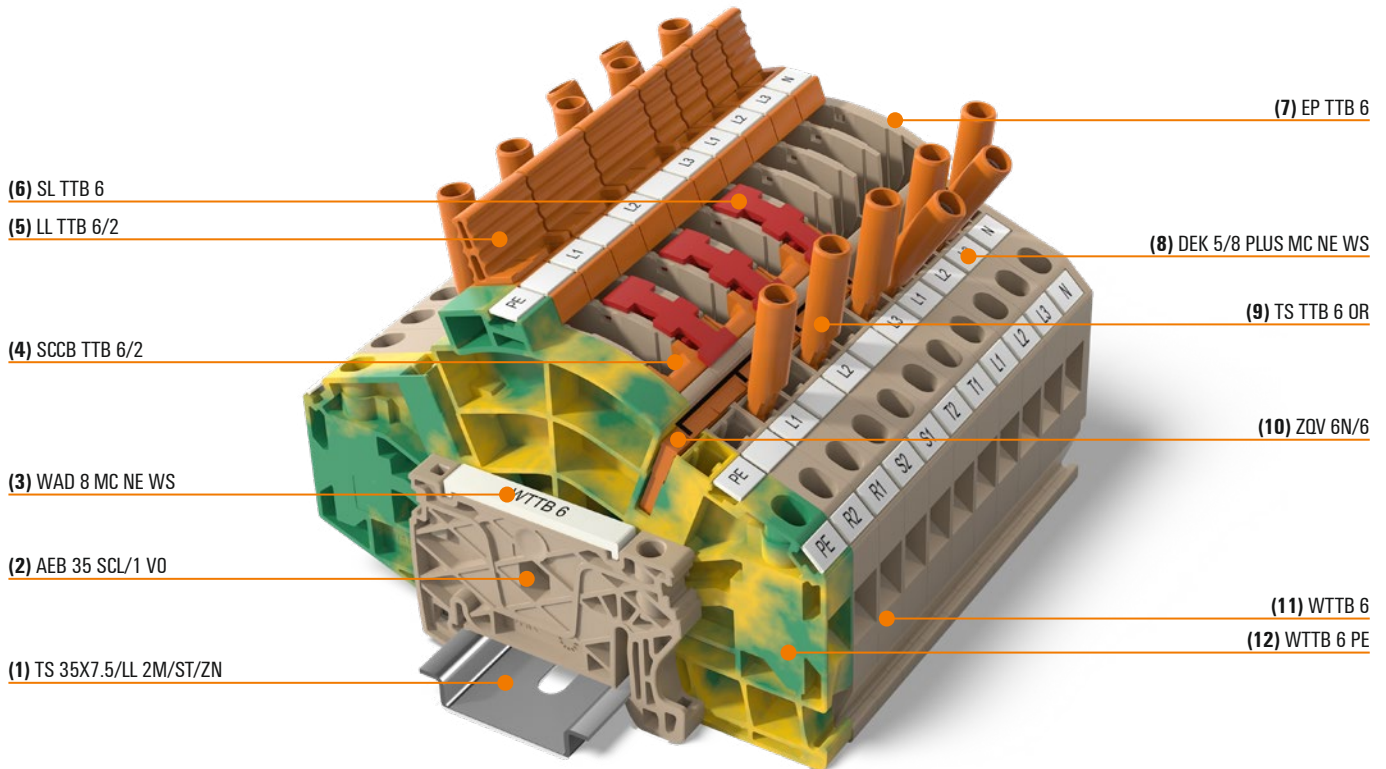
More colours at catalog.weidmueller.com



Instrument transformer wiring TTB-Range – Screw connection

Klippon® Connect TTB Range

Technical details and order numbers



Overview of ordering data

Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	0514500000
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	2661280000
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	1112910000
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	2710190000
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	2710200000
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	2710210000
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	2710230000
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	2710300000
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	2710440000
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	2710450000
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	2710460000
	Lever link for comparative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	2710370000
	Lever link for comparative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	2726110000
	Lever link for comparative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	2726110000
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	2710220000
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	2710170000
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	1046350000
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	2710470000
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	2733950000
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	2733960000
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	2733970000
11	Instrument transformer wiring terminal block	WTTB 6	8.1 x 69 x 100 mm	dark beige*	50	2710090000
12	Instrument transformer wiring terminal block PE	WTTB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	2710100000

* More colored version you will find inside our online catalogue



WTTB 6

6 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

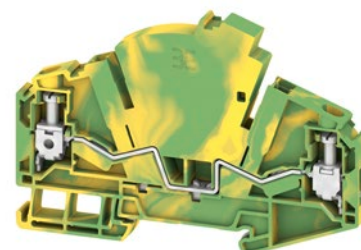
8.1 x 100 x 69

30 / 10

0.5...10



WTTB 6 PE

6 mm²

8.1 x 100 x 69

/ 10

0.5...10



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Short-time withstand current resistance	
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque	Nm
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Green/yellow
Note	

Accessories

Short circuit bridge	
	2-pole
	3-pole
	4-pole
Cross-connector	
	6-pole
	7-pole
	10-pole
End plate	
	dark beige
Lever link	
	1-pole
	2-pole
	for comparative measurement 2-pole
Test plug	
	orange
	blue
	green
	yellow
	Black
	violet
Switch Lock	
Cover	
	Textile cover
	Cover profile
	Cover support
Marking tags	

For detailed information on other accessories and application in the online catalogue

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500	300		
30	30		
6	AWG 22...8		
	6 kV / 3		
	A4 / V-0		

CE

Rated connection

0.5...10 / 0.5...10

0.5...10 / 0.5...6

0.8...1.6

12 / 0.8 x 4.0 mm

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6	AWG 22...8		
	6 kV / 3		
	A4 / V-0		

CE

Rated connection

0.5...10 / 0.5...6

0.5...10 / 0.5...6

0.8...1.6

12 / 0.8 x 4.0 mm

Type	Qty.	Order No.
WTTB 6	50	2710090000

Type	Qty.	Order No.
WTTB 6 PE	50	2710100000

Type	Qty.	Order No.
SCCB TTB 6/2	30 A 25	2710190000
SCCB TTB 6/3	30 A 25	2710200000
SCCB TTB 6/4	30 A 25	2710210000
ZQV 6N/6	41 A 20	2733950000
ZQV 6N/7	41 A 20	2733960000
ZQV 6N/10	41 A 20	2733970000
EP TTB 6	20	2710170000
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/2 CM	50	2710370000
TS TTB 6 OR	48	2710470000
TS TTB 6 BL	48	2710480000
TS TTB 6 GN	48	2710490000
TS TTB 6 YL	48	2710500000
TS TTB 6 BK	48	2710520000
TS TTB 6 VT	48	2710530000
SL TTB 6	50	2710220000
CH TTB	1	2710130000
CP TTB	1	2710140000
CS TTB	10	2710150000
DEK 5/8 PLUS MC NE WS	800	1046350000

More colours at catalog.weidmueller.com

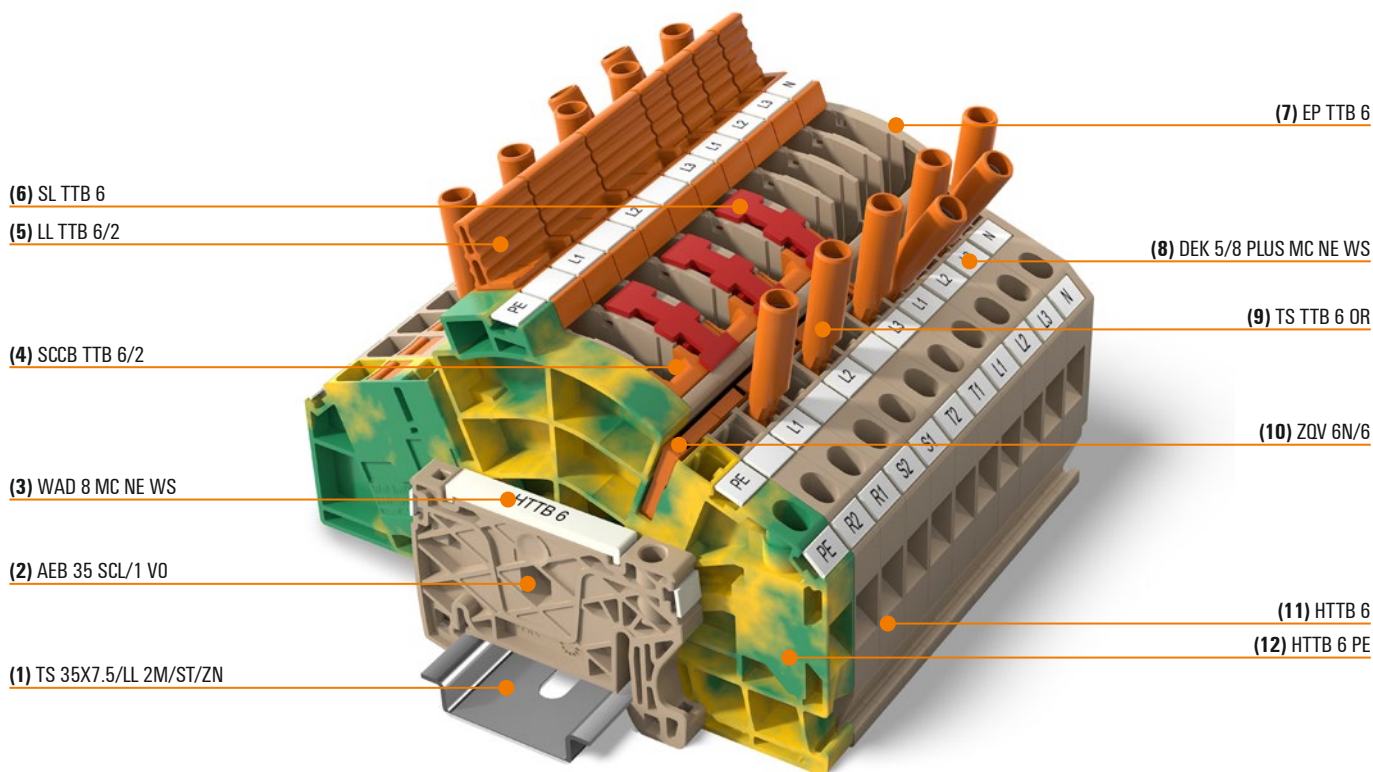
Type	Qty.	Order No.
SCCB TTB 6/2	30 A 25	2710190000
SCCB TTB 6/3	30 A 25	2710200000
SCCB TTB 6/4	30 A 25	2710210000
ZQV 6N/6	41 A 20	2733950000
ZQV 6N/7	41 A 20	2733960000
ZQV 6N/10	41 A 20	2733970000
EP TTB 6	20	2710170000
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/2 CM	50	2710370000
TS TTB 6 OR	48	2710470000
TS TTB 6 BL	48	2710480000
TS TTB 6 GN	48	2710490000
TS TTB 6 YL	48	2710500000
TS TTB 6 BK	48	2710520000
TS TTB 6 VT	48	2710530000
SL TTB 6	50	2710220000
CH TTB	1	2710130000
CP TTB	1	2710140000
CS TTB	10	2710150000
DEK 5/8 PLUS MC NE WS	800	1046350000

More colours at catalog.weidmueller.com

Instrument transformer wiring TTB Range – Hybrid connection

Klippon® Connect HTTPB Range with hybrid screw/PUSH IN technology

Technical details and order numbers



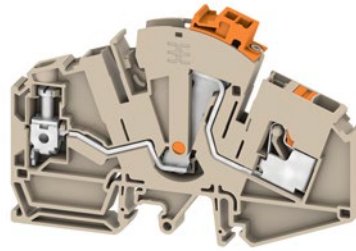
Overview of ordering data

Pos.	Description	Type	Dimensions	Color	Qty.	Order No.
1	Mounting rail	TS 35X7.5/LL 2M/ST/ZN	35 x 7.5 x 2000 mm	silver	2	0514500000
2	End bracket	AEB 35 SCL/1 V0	6 x 52.6 x 36.5 mm	dark beige*	50	2661280000
3	Group marker	WAD 5 MC NE WS	6 x 11.7 x 33.3 mm	white	48	1112910000
4	Short circuit bridge	SCCB TTB 6/2	16 x 13.5 x 14 mm	orange*	25	2710190000
	Short circuit bridge	SCCB TTB 6/3	24 x 13.5 x 14 mm	orange*	25	2710200000
	Short circuit bridge	SCCB TTB 6/4	32 x 13.5 x 14 mm	orange*	25	2710210000
5	Lever link	LL TTB 6/1	7.6 x 19.7 x 4 mm	orange*	50	2710230000
	Lever link	LL TTB 6/2	15.7 x 19.7 x 8.2 mm	orange*	50	2710300000
	Lever link	LL TTB 6/3	23.8 x 19.7 x 8.2 mm	orange	10	2710440000
	Lever link	LL TTB 6/4	31.9 x 19.7 x 8.2 mm	orange	10	2710450000
	Lever link	LL TTB 6/6	48.1 x 19.7 x 8.2 mm	orange	10	2710460000
	Lever link for comparative measurement	LL TTB 6/2 CM	15.9 x 25.1 x 4.2 mm	orange*	50	2710370000
	Lever link for comparative measurement	LL TTB 6/3 CM	24 x 25.1 x 4.2 mm	orange	10	2726110000
	Lever link for comparative measurement	LL TTB 6/4 CM	32 x 25.1 x 4.2 mm	orange	10	2726110000
6	Switch lock	SL TTB 6	8 x 15 x 20 mm	red	50	2710220000
7	Endplate	EP TTB 6	2.1 x 34 x 61 mm	dark beige	20	2710170000
8	Terminal block marker	DEK 5/8 PLUS MC NE WS	8 x 2 x 5 mm	weiß	800	1046350000
9	Test plug	TS TTB 6 OR	6.3 x 9.5 x 51.5 mm	orange*	48	2710470000
10	Cross-connection	ZQV 6N/6	46.1 x 3.1 x 34 mm	orange*	20	2733950000
	Cross-connection	ZQV 6N/7	54.2 x 3.1 x 34 mm	orange*	20	2733960000
	Cross-connection	ZQV 6N/10	78.5 x 3.1 x 34 mm	orange*	20	2733970000
11	Instrument transformer wiring terminal block	HTTPB 6	8.1 x 69 x 100 mm	dark beige*	50	2710110000
12	Instrument transformer wiring terminal block PE	HTTPB 6 PE	8.1 x 69 x 100 mm	green/yellow	50	2710120000

* More colored version you will find inside our online catalogue

HTTB 6

6 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8.1 x 100 x 68	
30 / 10	
0.5...10	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Short-time withstand current resistance	
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque	Nm
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	Green/yellow
Note	

Accessories

Short circuit bridge	
	2-pole
	3-pole
	4-pole
Cross-connector	
	6-pole
	7-pole
	10-pole
End plate	
	dark beige
Lever link	
	1-pole
	2-pole
	for comparative measurement 2-pole
Test plug	
	orange
	blue
	green
	yellow
	Black
	violet
Switch Lock	
Cover	
	Textile cover
	Cover profile
	Cover support
Marking tags	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
30			
6			
	6 kV / 3		
	A4 / V-0		
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...6			
0.8...1.6			
12 / 0.8 x 4.0 mm			
Note			

Type	Qty.	Order No.
HTTB 6	50	2710110000
Note		

Type	Qty.	Order No.
SCCB TTB 6/2	30 A 25	2710190000
SCCB TTB 6/3	30 A 25	2710200000
SCCB TTB 6/4	30 A 25	2710210000
ZQV 6N/6	41 A 20	2733950000
ZQV 6N/7	41 A 20	2733960000
ZQV 6N/10	41 A 20	2733970000
EP TTB 6	20	2710170000
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/2 CM	50	2710370000
TS TTB 6 OR	48	2710470000
TS TTB 6 BL	48	2710480000
TS TTB 6 GN	48	2710490000
TS TTB 6 YL	48	2710500000
TS TTB 6 BK	48	2710520000
TS TTB 6 VT	48	2710530000
SL TTB 6	50	2710220000
CH TTB	1	2710130000
CP TTB	1	2710140000
CS TTB	10	2710150000
DEK 5/8 PLUS MC NE WS	800	1046350000

More colours at catalog.weidmueller.com

For detailed information on other accessories and application in the online catalogue

HTTB 6 PE

6 mm²



8.1 x 100 x 68	
/ 10	
0.5...10	

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
500			
30			
6			
	6 kV / 3		
	A4 / V-0		
Rated connection			
0.5...10 / 0.5...10			
0.5...10 / 0.5...6			
0.8...1.6			
12 / 0.8 x 4.0 mm			
Note			

Type	Qty.	Order No.
HTTB 6 PE	50	2710120000
Note		

Type	Qty.	Order No.
SCCB TTB 6/2	30 A 25	2710190000
SCCB TTB 6/3	30 A 25	2710200000
SCCB TTB 6/4	30 A 25	2710210000
ZQV 6N/6	41 A 20	2733950000
ZQV 6N/7	41 A 20	2733960000
ZQV 6N/10	41 A 20	2733970000
EP TTB 6	20	2710170000
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/2 CM	50	2710370000
TS TTB 6 OR	48	2710470000
TS TTB 6 BL	48	2710480000
TS TTB 6 GN	48	2710490000
TS TTB 6 YL	48	2710500000
TS TTB 6 BK	48	2710520000
TS TTB 6 VT	48	2710530000
SL TTB 6	50	2710220000
CH TTB	1	2710130000
CP TTB	1	2710140000
CS TTB	10	2710150000
DEK 5/8 PLUS MC NE WS	800	1046350000

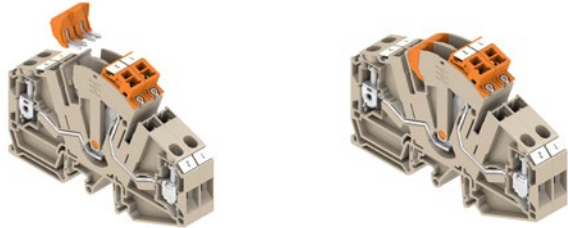
More colours at catalog.weidmueller.com

Instrument transformer wiring
TTB Range – Accessories

Accessories for test-disconnect terminal TTB 6

Short circuit bridge

The short circuit bridge can be simply and quickly inserted into the terminal blocks. If several levers are connected simultaneously with the lever connector, the make before break can be realised. Once mounted, the short circuit bridge cannot be removed from the application.



Lever link

The lever link mechanically locks the connected disconnect levers of the terminal blocks. Switching the lever link together with the inserted short circuit bridge allows make before break functionality inside the application. Once mounted, the lever link cannot be removed from the application.



Comparative measurement lever link

The LL TTB 6 CM enables safe and fast comparative measurement. After lifting the LL TTB 6 CM, the two levers of the terminal blocks are mechanically separated from each other and can be switched independently. Once mounted, the lever link cannot be removed from the application.



Test socket

The test socket is used to connect test devices with a standard 4.0 plug with widths up to 10 mm into the terminal. Test sockets are arranged at an angle, therefore all standard measurements (even adjoining) can be realised within the terminal width of 8.1 mm. Once mounted, the test socket cannot be removed from the application.



SCCB TTB 6



Type	Qty.	Order No.
SCCB TTB 6/2	25	2710190000
SCCB TTB 6/3	25	2710200000
SCCB TTB 6/4	25	2710210000

LL TTB 6



Type	Qty.	Order No.
LL TTB 6/1	50	2710230000
LL TTB 6/2	50	2710300000
LL TTB 6/3	50	2710440000
LL TTB 6/4	25	2710450000
LL TTB 6/6	10	2710460000

More colours at catalog.weidmueller.com

LL TTB 6 CM



Type	Qty.	Order No.
LL TTB 6/2 CM	50	2710370000
LL TTB 6/3 CM	50	2726100000
LL TTB 6/4 CM	50	2726110000

More colours at catalog.weidmueller.com

TS TTB 6

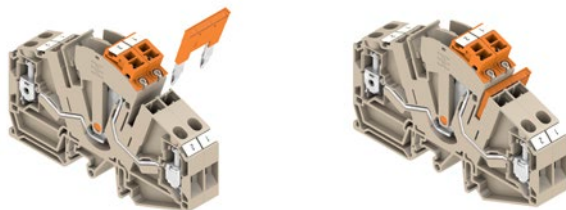


Type	Qty.	Order No.
TS TTB 6 OR	48	2710470000
TS TTB 6 BL	48	2710480000
TS TTB 6 YL	48	2710500000
TS TTB 6 GN	48	2710490000
TS TTB 6 VT	48	2710530000

More colours at catalog.weidmueller.com

Cross-connection

The cross-connection enables potential multiplication or the realisation of a star connection within the application.



Contour-like PE terminal block

A PE terminal block with identical contour is a very useful component in a test-disconnect terminal block system, since it allows easy and safe realisation of star connection / reference points within the application.



Switch lock

The switch lock can be easily inserted into the terminal from above. The switch lock prevents unauthorised opening or closing of circuits as they block the disconnect lever in its respective position.



Combi-foot (for WTTB 6 and HTTB 6)

Integrated combi-foot allows easy and quick mounting onto all available TH 35 and G32 rails, thus allowing cost and time effective panel retrofit.



ZQV 6N/...



Type	Qty.	Order No.
ZQV 6N/4	60	1985780000
ZQV 6N/6	20	2733950000
ZQV 6N/7	20	2733960000
ZQV 6N/10	20	2733970000

TTB 6 PE



Type	Qty.	Order No.
ATTB 6 PE	50	2710080000
WTTB 6 PE	50	2710100000
HTTB 6 PE	50	2710120000

SL TTB 6



Type	Qty.	Order No.
SL TTB 6	50	2710220000

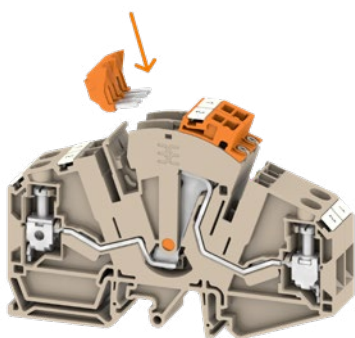
TS35 x ... / TS32 x ...



Type	Qty.	Order No.
TS 35X15/LL 2M/ST/ZN	2	0236500000
TS 32X15 2M/ST/ZN	2	0122800000
TS 35X7.5/LL 2M/ST/ZN	2	0514500000

Application examples

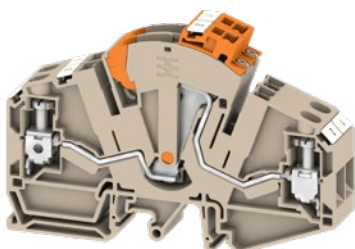
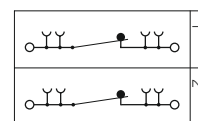
Changing a Protection/Metering device



Planning and installation: Equipping the terminal blocks with accessories

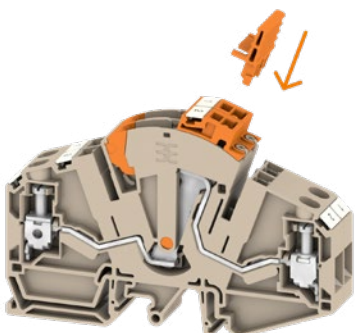
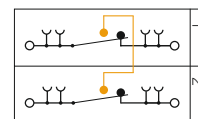
1. SCCB TTB 6 short circuit bridge installation in progress

The short circuit bridge is inserted quickly and easily on the transformer side of the terminal block in its dedicated channel. Once mounted, the short circuit bridge cannot be removed from the application.



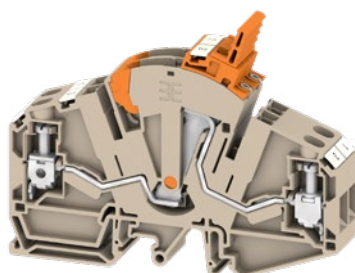
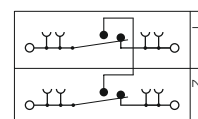
2. SCCB TTB 6 short circuit bridge installation completed

When inserted, depending on the position of the disconnect lever, an electrical connection (short circuit) between the two terminal blocks can be realised.



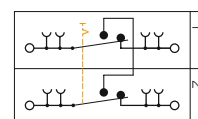
3. LL TTB 6 lever link installation in progress

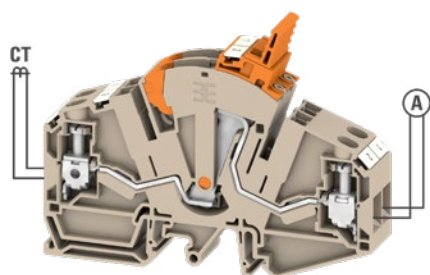
The lever link is plugged into the housings of the disconnect lever of the respective terminal blocks from above and creates a mechanical connection between them. Once mounted, the lever link cannot be removed from the application.



4. LL TTB 6 lever link installation completed

The mechanical connection between the lever mechanisms allows simultaneous opening or closing of two or more disconnect levers.

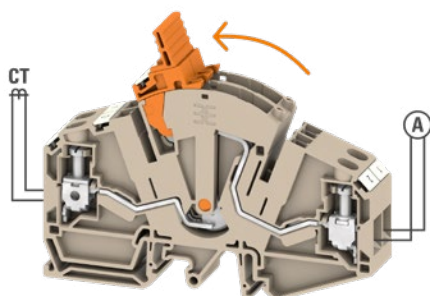
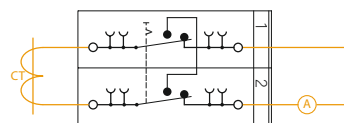




Installation: Wiring transformer and ammeter wiring

Wiring of current transformer and ammeter

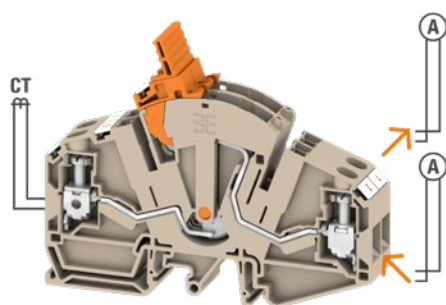
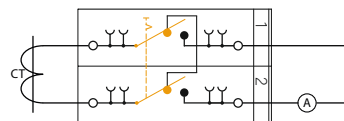
The transformer will be connected in the clamping units upstream the disconnect lever and the ammeter will be connected in the clamping units downstream the disconnect lever.



Operation: Changing an ammeter

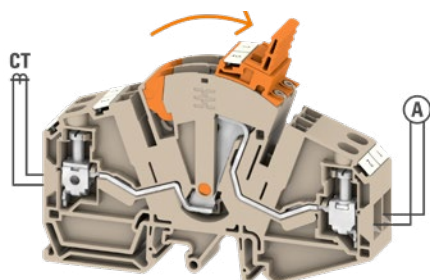
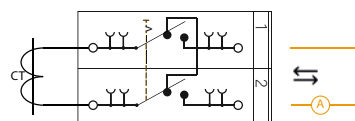
1. Switching the lever link

Switching the lever link causes an automatic short circuit (make before break mechanism) on the secondary wiring of the current transformer. This prevents the voltage on the current transformer from surging and protects it from damage leading to its destruction.



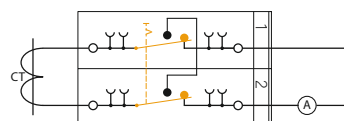
2. Replacing the ammeter

After short-circuiting the current transformer side and simultaneously disconnecting the circuit through the lever switching, the ammeter can be replaced easily and safely.



3. Restoring the lever link back into original position

Switching backwards the lever, restores the entire arrangement into its original status. The transition from the automatic short circuit back to the initial position is realised smoothly and safely.



B



Application examples

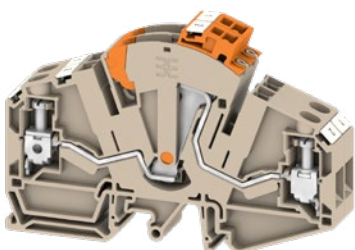
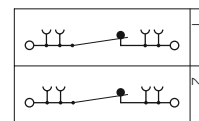
Performing a comparative measurement



Planning and installation: Equipping the terminal blocks with accessories

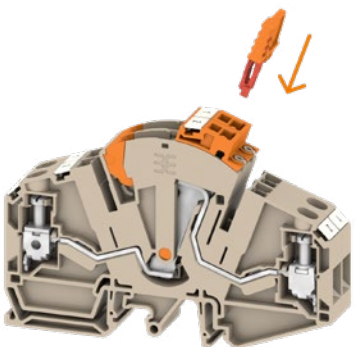
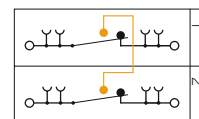
1. SCCB TTB 6 short circuit bridge installation in progress

The short circuit bridge is inserted quickly and easily on the transformer side of the terminal block in its dedicated channel. Once mounted, the short circuit bridge cannot be removed from the application.



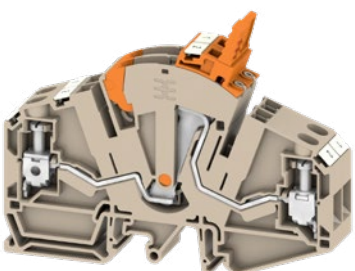
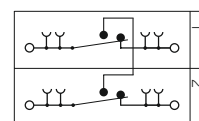
2. SCCB TTB 6 short circuit bridge installation completed

When inserted, depending on the position of the disconnect lever, an electrical connection (short circuit) between the two terminal blocks can be realised.



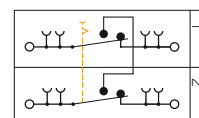
3. LL TTB 6 CM lever link installation in progress

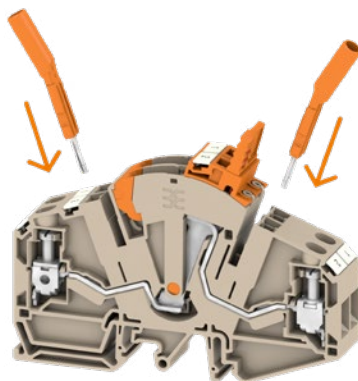
The CM lever link (having long, asymmetrical, red coloured foot) is plugged into the housings of the disconnect lever of the respective terminal blocks from above and creates a mechanical connection between them. Once mounted, the lever link cannot be removed from the application.



4. LL TTB 6 CM lever link installation completed

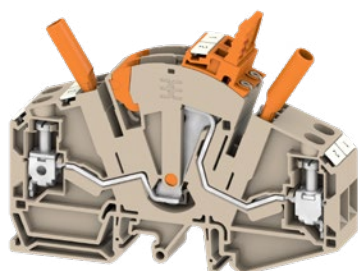
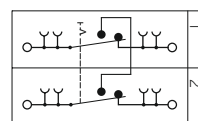
The mechanical connection of the lever mechanisms allows simultaneous opening or closing of two or more disconnect levers. By lifting the LL TTB 6 CM, the two (or more) disconnect levers of the terminal blocks are disengaged from each other and can be switched independently. Prior to any re-energising of the circuit, the CM needs to be pushed down into original position and the circuit closed.





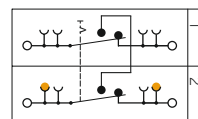
5. TS TTB 6 test sockets installation in progress

The TS TTB 6 test sockets are inserted into the bespoke housings provided in the terminal blocks from above. Once inserted, the test sockets cannot be removed from the installation.



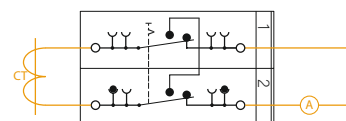
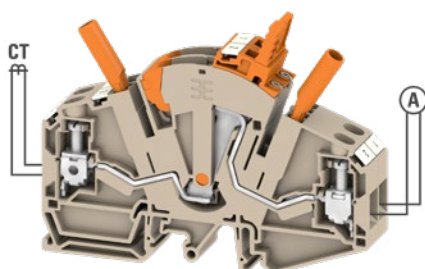
6. TS TTB 6 test sockets installation completed

The test sockets are used to connect test devices with a standard 4.0 plug with widths up to 10 mm into the terminal. Test sockets are arranged at an angle, therefore all standard measurements (even adjoining) can be realised within the terminal width of 8.1 mm. Once mounted, the test socket cannot be removed from the application.



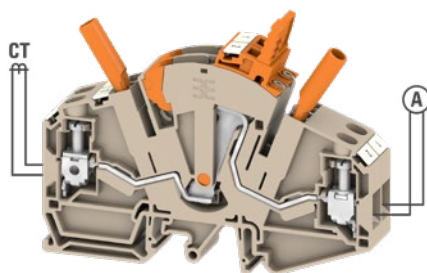
Installation: Wiring the transformer and the ammeter

The transformer will be connected in the clamping unit upstream the disconnect lever and the ammeter will be connected in the clamping units downstream the disconnect lever.



Application examples

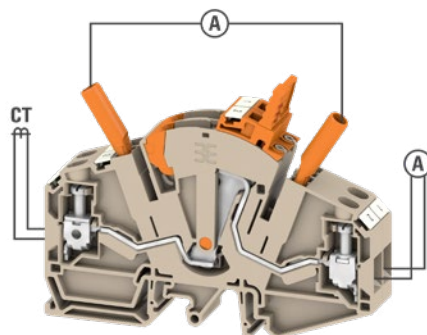
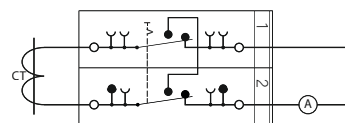
Performing a comparative measurement



Operation: Performing a comparative measurement

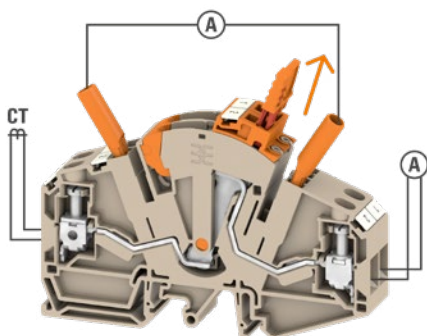
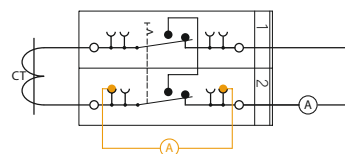
1. Configuration correctly equipped

The installation of the required accessories to equip the terminal arrangement for comparative measurement and also the wiring of the primary side as well as the secondary side, has already been carried out. The installation is correctly prepared to perform the required operations.



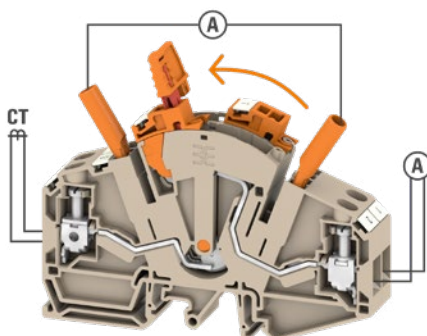
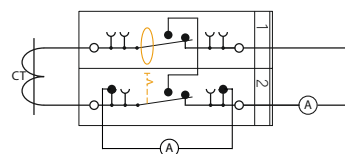
2. Connection of a reference measuring (calibrated) instrument

The reference measuring (calibrated) instrument is connected via standard 4.0 plugs to the test sockets on a terminal block. The connection is made inserting in parallel the calibrated instrument to the terminal block, where the disconnection will take place.



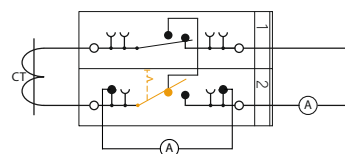
3. Lifting up the LL TTB 6 CM lever link

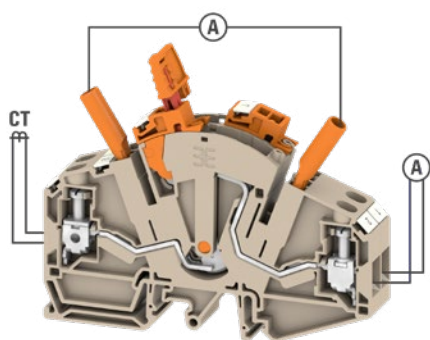
Lifting up the lever link LL TTB 6 CM causes a mechanical decoupling of the two disconnect levers. Now the two disconnect levers can be operated independently from each other within this application.



4. Switching the LL TTB 6 CM lever link

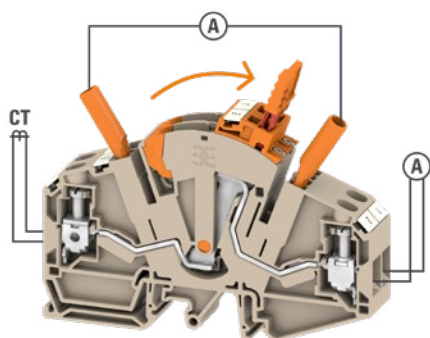
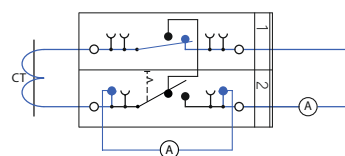
By switching the previously decoupled lever link, the current flow is diverted from the terminal block through the now parallel-connected reference measuring instrument.





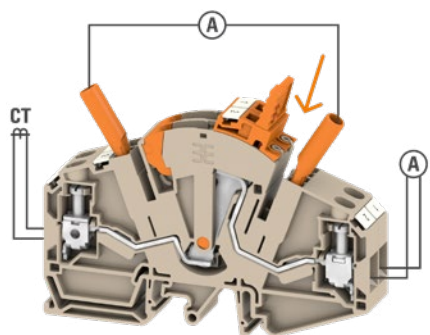
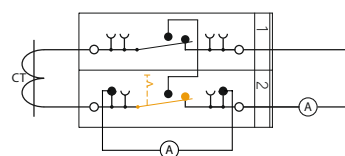
5. Performing the comparative reading of the two ammeters

The values measured by the ammeter connected downstream can now be compared with the values given by the reference meter since both instruments are reading the same current. The comparison measurement has now been successfully completed and the correct functional verification of the ammeter connected downstream the terminal has been carried out.



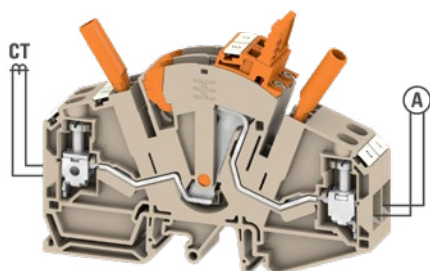
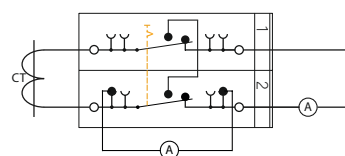
6. Restoring the lever link back into original position

Switching backwards the lever, restores the entire arrangement into its original status. The transition from the comparative measurement status back to the initial position is realised smoothly and safely.



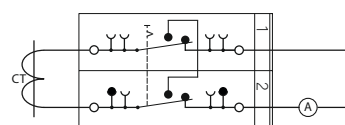
7. Pressing down the LL TTB 6 CM lever link

Pressing down the LL TTB 6 CM lever link restores the mechanical connection of the two disconnect levers within the application.



8. Disconnecting of the reference measuring instrument

The reference measurement instrument is therefore disconnected from the installation by simply removing its plugs from the test sockets of the terminal block and the installation is restored in the initial status.



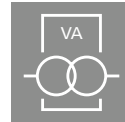
B



Simple, fast, and safe wiring of current and voltage transformers

Klippon® Connect instrument transformer wiring terminal blocks

In energy monitoring, incorrect wiring can destroy current and voltage transformers. Our specially developed test-disconnect terminal blocks, in various connection technologies, are a safe way of solving this problem. Simple operation ensures error-free, convenient wiring. This guarantees the protection of your transformers and measuring devices and ensures safe, precise work. Our integrated terminal blocks, in modular design for transformer switches, also save space in the panel.





Instrument transformer wiring terminal blocks with tension clamp connection

The simple operating system with a spring connection and the clear identification of the switch status guarantee safe short-circuiting and disconnecting at all times.

Instrument transformer wiring terminal blocks with screw connection

With our test-disconnect terminal blocks, based on tested Weidmüller screw connection technology, connecting challenges can be resolved clearly and costeffectively.

Instrument transformer wiring terminal blocks with stud connection

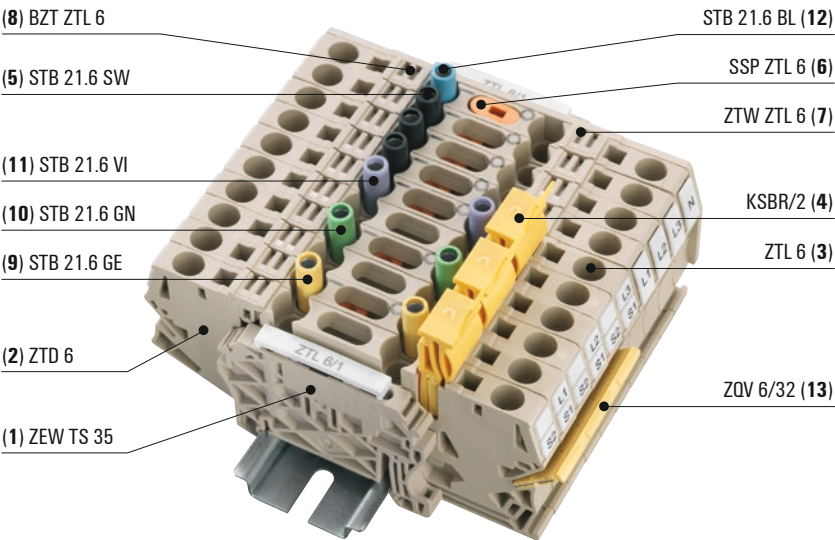
The Instrument transformer wiring terminal blocks SDL 4 with stud connection technology enables simple instrument transformer wiring of ring cable lugs.



Instrument transformer wiring
Tension clamp connection

Test-disconnect terminal blocks

Test-disconnect terminal blocks for measuring with ZTL 6



Ordering data

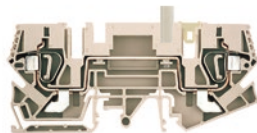
Pos.	Type	Order No.	Qty.
1	ZEW TS 35 (nur TS 35)	9540000000	20
1	EWK1 (nur TS 32)	0206160000	50
2	ZTD 6	1771810000	20
3	ZTL 6	1771800000	20
4	KSBR/2	1771820000	50
5	STB 21.6 SW	1071040000	50
6	SSP ZTL 6	1771860000	100
7	ZTW ZTL 6	1771870000	20
8	BZT ZTL 6	1781140000	20

Optionally available for better labelling (instead of 11 x Pos. 5):

Pos.	Type	Order No.	Qty.
9	STB 21.6 GE	1071010000	50
10	STB 21.6 GN	1071020000	50
11	STB 21.6 VI	1071030000	50
12	STB 21.6 BL	1071080000	50
Optionally available for a shared k-point:			
13	ZQV 6/32 GE	1733640000	10

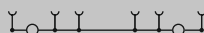
**ZTD 6****6 mm²**

Feed-through terminal



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

8 x 106 x 46.5

52 / 10**0.5...10****Technical data**

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note**Ordering data**

Version	
	With socket
	without socket
Note	

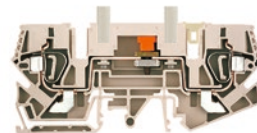
Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
End plate / Partition plate	
	End plate
Testing / Checking	
	Test plug
	Socket - yellow
	Socket - green
	Socket - magenta
	Socket - blue
Miscellaneous accessories	
	Lockout device
	Short-circuit plug, 2-pole
	Short-circuit plug, 3-pole
	Short-circuit plug, 4-pole
Marker holder	
Marking tags	

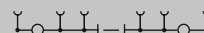
For detailed information on other accessories and application in the online catalogue

ZTL 6**6 mm²**

Disconnect test terminal



8 x 106 x 46.5

52 / 10**0.5...10**

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	300	300	
41	33	33	
6	AWG 20...8	AWG 20...8	
8 kV / 3			
A5 / V-0			
Rated connection			
0.5...10 / 1.5...6			
0.5...6 / 0.5...6			

13 / 0.8 x 4.0 mm

400V when used as a disconnect terminal. Tightening torque for ZTL 6 disconnect element with screw = 0.5 - 0.6 Nm

Type	Qty.	Order No.
ZTL 6/STB	20	1771950000
ZTL 6	20	1771800000

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/3 GE	41 A 60	1627860000
ZQV 6/4 GE	41 A 60	1627870000

Type	Qty.	Order No.
ZTW ZTL6	20	1771870000

Type	Qty.	Order No.
PS 4 F.STB 4	20	0299600000
STB 21.6/IH/GE WTL6/3	50	1071010000
STB 21.6/IH/GN WTL6/3	50	1071020000
STB 21.6/IH/VI WTL6/3	50	1071030000
STB 21.6/IH/BL WTL6/3	50	1071080000

Type	Qty.	Order No.
SSP ZTL6	100	1771860000
KSBR/2 ZTL6	10 A 20	1771820000
KSBR/3 ZTL6	10 A 20	1771830000
KSBR/4 ZTL6	10 A 20	1771840000

Type	Qty.	Order No.
BZT ZTL6	20	1781140000

Type	Qty.	Order No.
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

Pluggable marker holder for additional marking tags above the cross-connector channel (BZT ZTL 6).

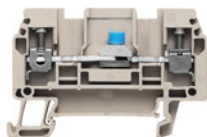
Pluggable marker holder for additional marking tags above the cross-connector channel (BZT ZTL 6).



B

WTL 4

4 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

6.1 x 61.3 x 39.9

41 / 6

0.13...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	With socket without socket
Note	

Accessories

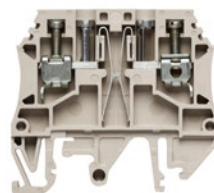
Screwable cross-connection	2-pole 3-pole 4-pole 10-pole
End plate / Partition plate	dark beige
End bracket	dark beige
Cross-connection slider	2-pole Mounting screw for QVS
Testing / Checking	Test plug Socket Standard
Marking tags	

Type		Qty.	Order No.
WQV 4/2	41 A	50	1051960000
WQV 4/3	41 A	50	1054560000
WQV 4/4	41 A	50	1054660000
WQV 4/10	41 A	20	1052060000
ZAP/TW 1		50	1608740000
WEW 35/2		50	1061200000
QVS 2/4 SAKT4		20	1319260000
BFSC M3X22 SAKT4		50	1319900000
PS 2.3 RT		20	0180400000
STB 8.5/5/2.3/M3 SAK2.5		50	0280600000
DEK 5/6 MC NE WS		1000	1609820000




For detailed information on other accessories and application in the online catalogue

WTL 4/2

4 mm²



$6 \times 56.5 \times 48.5$
 $11/6$
 $0.13...6$

IEC	UL	CSA	EN 60079-7
500	300	150	
10	8	8	
4	AWG 26...10	AWG 26...10	
	6 kV / 3		
	A4 / V-0		
CE   			
Rated connection			
0.5...6 / 1.5...6			
0.5...6			
/ (M 3)			
10 / 0.6 x 3.5 mm			

2 wires can be connected; similar to the WDU 4N.

Type	Qty.	Order No.
------	------	-----------

WTL 4/2 STB	50	1881650000

Type	Qty.	Order No.
------	------	-----------

WAP WTL4/2	50	1881640000
WEW 35/2	50	1061200000
WTA 8 TN	6 A 25	1915450000
WS 12/6 MC NE WS	600	1609900000

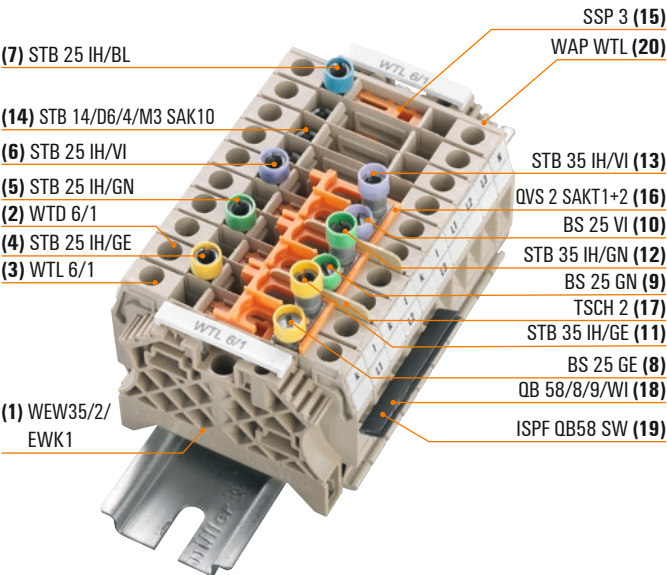
WTA 8-series test adapter, WQV external cross-connector, end bracket and shield bus LS 2.8, refer to "Accessories".



Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

WTL 6/1, WTD 6/1, WTQ 6/1



B



Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2/ EWK1	1061200000	2
2	WTD 6/1	1017100000	3
3	WTL 6/1	1016700000	7
4	STB 25 IH/GE	0267200000	1
5	STB 25 IH/GN	0271200000	1
6	STB 25 IH/VI	0271300000	1
7	STB 25 IH/BL	0343400000	1
8	BS 25 GE	0335700000	1
9	BS 25 GN	0335600000	1
10	BS 25 VI	0335800000	1
11	STB 35 IH/GE	0389000000	1
12	STB 35 IH/GN	0388900000	1
13	STB 35 IH/VI	0389100000	1
14	STB 14/D6/4/M3 SAK10	0169900000	3
15	SSP 3	0531760000	4
16	QVS 2 SAKT1+2	0307300000	3
17	TSCH 2	0353660000	2
18	QB 58/8/9/WI	0545300000	1
19	ISPF QB58 SW	0546000000	1
20	WAP WTL	1068300000	1
21	VH 19	0318000000	10

Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
18	QB 58*angled	0545300000	0545300000	1
19	ISPFQB58SW*	0546000000	0546000000	1

* Shorten to 5 poles



WTL 6/1

6 mm²

Longitudinal - disconnecter

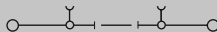


Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

7.9 x 65 x 47.5

57 / 10

0.5...10



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	With socket
	without socket
Note	

Accessories

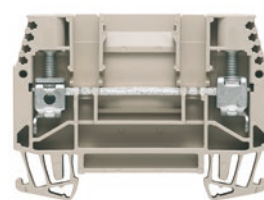
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw
End plate / Partition plate	
	dark beige
	dark beige
Cross-connection slider	
	2-pole
	3-pole
	Connecting sleeve for QVS
	4-pole
Testing / Checking	
	Socket - blue
	Socket - green
	Socket - yellow
	Socket - magenta
	Test plug
Marking tags	
Miscellaneous accessories	
	Lockout device

For detailed information on other accessories and application in the online catalogue

WTD 6/1

6 mm²

Feed-through



7.9 x 65 x 47.5

57 / 10

0.5...10



IEC	UL	CSA	EN 60079-7
630	300	300	
41	45	45	
6	AWG 20...8	AWG 20...8	
6 kV / 3			
A5 / V-0			
CE			
Rated connection			
0.5...10 / 1.5...10			
0.5...10 / 0.5...6			
/ (M 3.5)			
12 / 0.8 x 4.0 mm			

Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Type	Qty.	Order No.
WTL 6/1/STB	50	1016900000
WTL 6/1	50	1016700000
TS32 version on request		

Type	Qty.	Order No.
WAP WTL6/1	20	1068300000
WTW WTL6/1 DB	20	1068400000
QVS 2 SAKT1+2	20	0307300000
QVS 3 SAKT1+2	20	0329300000
VH 19/6/4.2 SAKT1	50	0318000000
STB 35 IH/BL	50	0388700000
STB 35 IH/GN	50	0388900000
STB 35 IH/GE	50	0389000000
STB 35 IH/VI	50	0389100000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000

Instrument transformer wiring

Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	-
Stripping length / Blade size	mm/-

Note

Ordering data

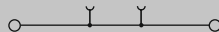
Version	
	With socket
	without socket
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	Connecting sleeve
	Mounting screw
End plate / Partition plate	
	dark beige
	dark beige
Cross-connection slider	
	2-pole
	3-pole
	Connecting sleeve for QVS
	4-pole
Testing / Checking	
	Socket - blue
	Socket - green
	Socket - yellow
	Socket - magenta
	Test plug
Marking tags	
Miscellaneous accessories	
	Lockout device

For detailed information on other accessories and application in the online catalogue

WTQ 6/1
6 mm²
Cross-connect/disconnect (isolator)

7.9 x 65 x 47.5
57 / 10
0.5...10


IEC	UL	CSA	EN 60079-7
500	300	300	
41	45	50	
6	AWG 20...8	AWG 20...8	
6 kV / 3			
A5 / V-0			

CE **UL** **CSA** **IEC**

Rated connection

0.5...10 / 1.5...10
0.5...10 / 0.5...6
/ (M 3.5)
12 / 0.8 x 4.0 mm

Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.

Type	Qty.	Order No.
WTQ 6/1/STB	50	1018100000
WTQ 6/1	50	1017900000
TS32 version on request		

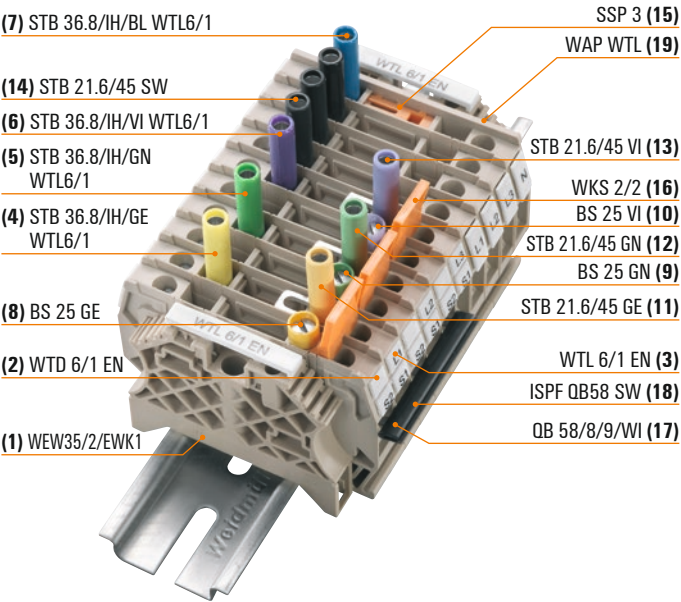
Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/3	57 A 50	1054760000
WQV 6/4	57 A 50	1054860000
WQV 6/10	57 A 20	1052260000
VH 12/4.9/3.3 SAK6N	100	0249000000
KISC M3X20 SAK10 CU5	100	0377100000
WAP WTL6/1	20	1068300000
WTW WTL6/1 DB	20	1068400000
QVS 2 SAKT1+2	20	0307300000
QVS 3 SAKT1+2	20	0329300000
VH 19/6/4.2 SAKT1	50	0318000000
WKB 1/4	50	1604320000
STB 35 IH/BL	50	0388700000
STB 35 IH/GN	50	0388900000
STB 35 IH/GE	50	0389000000
STB 35 IH/VI	50	0389100000
PS 4 F.STB 4	20	0299600000
DEK 5/8 MC NE WS	800	1856740000
WS 12/6.5 MC NE WS	540	1609920000
SSP 3 SAKT1	100	0531760000



Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

WTL 6/1 EN, WTD 6/1 EN, WTQ 6/1 EN



STB 21.6/45



(20) VH 16



WAP WTL

Ordering data

Pos.	Type	Order No.	Order No.	Qty.
1	WEW35/2/EWK1	1061200000	0206160000	2
2	WTD 6/1 EN	1934830000	1934830000	3
3	WTL 6/1 EN	1934810000	1934810000	7
4	STB 36.8/IH/GE WTL6/1	1847760000	1847760000	1
5	STB 36.8/IH/GN WTL6/1	1847770000	1847770000	1
6	STB 36.8/IH/VI WTL6/1	1847780000	1847780000	1
7	STB 36.8/IH/BL WTL6/1	1847790000	1847790000	1
8	BS 25 GE	0335700000	0335700000	1
9	BS 25 GN	0335600000	0335600000	1
10	BS 25 VI	0335800000	0335800000	1
11	STB 21.6/45 GE	1936240000	1936240000	2
12	STB 21.6/45 GN	1936250000	1936250000	2
13	STB 21.6/45 VI	1936260000	1936260000	2
14	STB 21.6/45 SW	1936270000	1936270000	2
15	SSP 3	0531760000	0531760000	7
16	WKS 2/2	1936140000	1936140000	3
17	QB 58/8/9/WI	0545300000	0545300000	1
18	ISPF QB58 SW	0546000000	0546000000	1
19	WAP WTL	1957710000	1957710000	1
20	VH 16	0309700000	0309700000	9

Additionally available for a shared k-point:

Pos.	Type	Order No.	Order No.	Qty.
17	QB 58*angled	0545300000	0545300000	1
18	ISPFQB58SW*	0546000000	0546000000	1

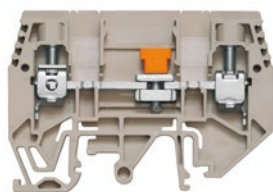
* Shorten to 5 poles



WTL 6/1 EN

6 mm²

Longitudinal - disconnecter

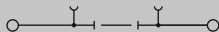


Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

7.9 x 68.5 x 47.5

57 / 10

0.5...10



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	-
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	With socket
	without socket
Note	

Accessories

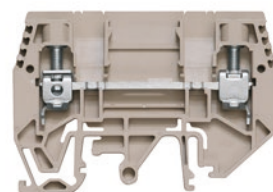
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Cross-connection slider	
	2-pole
	3-pole
	4-pole
	Connecting sleeve for QVS
Testing / Checking	
	Socket - blue
	Socket - yellow
	Socket - green
	Socket
	Socket - blue
	Socket - yellow
	Socket - green
Miscellaneous accessories	
	Lockout device
Marking tags	

For detailed information on other accessories and application in the online catalogue

WTD 6/1 EN

6 mm²

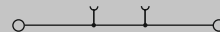
Feed-through (bushing)



7.9 x 65 x 47.5

57 / 10

0.5...10



IEC	UL	CSA	EN 60079-7
630	300	300	
41	45	45	
6	AWG 20...8	AWG 20...8	
6 kV / 3			
A5 / V-0			
CE			
Rated connection			
0.5...10 / 1.5...10			
0.5...10 / 0.5...6			
/ (M 3.5)			
12 / 0.8 x 4.0 mm			
Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.			

Type	Qty.	Order No.
WTL 6/1 EN STB	50	1934820000
WTL 6/1 EN	50	1934810000
TS 32 version on request		

Type	Qty.	Order No.
WTL 6/1 EN STB	50	1934820000
WTL 6/1 EN	50	1934810000
TS 32 version on request		

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/3	57 A 50	1054760000
WQV 6/4	57 A 50	1054860000
WQV 6/10	57 A 20	1052260000
WAP WTL6/1 EN	20	1957710000
WTW WTL6/1 DB	20	1068400000
WEW 35/2	50	1061200000
WKS 2/2	50	1936140000
WKS 2/3	50	1936150000
WKS 2/4	50	1936160000
VH 16/5/3.5 SAK10-35	50	0309700000
STB 21.6/45 BL	50	1936290000
STB 21.6/45 GE	50	1936240000
STB 21.6/45 GN	50	1936250000
STB 14/D6/4/M3 SAK10	500	2012420000
STB 36.8/IH/BL WTL6/1	50	1847790000
STB 36.8/IH/GE WTL6/1	50	1847760000
STB 36.8/IH/GN WTL6/1	50	1847770000
DEK 5/8 MC NE WS	800	1856740000
WS 12/8 PLUS MC NE WS	420	1906000000

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/3	57 A 50	1054760000
WQV 6/4	57 A 50	1054860000
WQV 6/10	57 A 20	1052260000
WAP WTL6/1 EN	20	1957710000
WTW WTL6/1 DB	20	1068400000
WEW 35/2	50	1061200000
WKS 2/2	50	1936140000
WKS 2/3	50	1936150000
WKS 2/4	50	1936160000
VH 16/5/3.5 SAK10-35	50	0309700000
STB 21.6/45 BL	50	1936290000
STB 21.6/45 GE	50	1936240000
STB 21.6/45 GN	50	1936250000
STB 14/D6/4/M3 SAK10	500	2012420000
STB 36.8/IH/BL WTL6/1	50	1847790000
STB 36.8/IH/GE WTL6/1	50	1847760000
STB 36.8/IH/GN WTL6/1	50	1847770000
DEK 5/8 MC NE WS	800	1856740000
WS 12/8 PLUS MC NE WS	420	1906000000

Instrument transformer wiring

Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	With socket
	without socket
Note	

Accessories

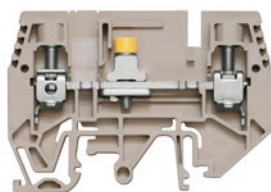
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Cross-connection slider	
	2-pole
	3-pole
	4-pole
	Connecting sleeve for QVS
Testing / Checking	
	Socket - blue
	Socket - yellow
	Socket - green
	Socket
	Socket - blue
	Socket - yellow
	Socket - green
Miscellaneous accessories	
	Lockout device
Marking tags	

For detailed information on other accessories and application in the online catalogue

WTQ 6/1 EN

6 mm²

Cross-connect/disconnect (isolator)



7.9 x 65 x 47.5

57 / 10

0.5...10



IEC	UL	CSA	EN 60079-7
500	300	300	
41	45	45	
6	AWG 20...8	AWG 20...8	
6 kV / 3			
A5 / V-0			
CE CB IEC RA			
Rated connection			
0.5...10 / 1.5...10			
0.5...10 / 0.5...6			
/ (M 3.5)			
12 / 0.8 x 4.0 mm			
Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.			

Type	Qty.	Order No.
WTQ 6/1 EN STB	50	1934800000
WTQ 6/1 EN	50	1934790000
TS 32 version on request		

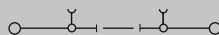
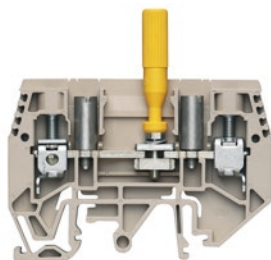
Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/3	57 A 50	1054760000
WQV 6/4	57 A 50	1054860000
WQV 6/10	57 A 20	1052260000
WAP WTL6/1 EN	20	1957710000
WTW WTL6/1 DB	20	1068400000
WEW 35/2	50	1061200000
WKS 2/2	50	1936140000
WKS 2/3	50	1936150000
WKS 2/4	50	1936160000
VH 16/5/3.5 SAK10-35	50	0309700000
STB 21.6/45 BL	50	1936290000
STB 21.6/45 GE	50	1936240000
STB 21.6/45 GN	50	1936250000
STB 14/D6/4/M3 SAK10	500	2012420000
STB 36.8/IH/BL WTL6/1	50	1847790000
STB 36.8/IH/GE WTL6/1	50	1847760000
STB 36.8/IH/GN WTL6/1	50	1847770000
DEK 5/8 MC NE WS	800	1856740000
WS 12/8 PLUS MC NE WS	420	1906000000



WTL 6/1/STB/TNSC/EN

6 mm²

Longitudinal separator



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

7.9 x 65 x 66

57 / 10

0.5...10

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	With socket
	without socket
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Cross-connection slider	
	2-pole
	3-pole
	4-pole
	Connecting sleeve for QVS
Testing / Checking	
	Socket - blue
	Socket - yellow
	Socket - green
	Socket
Miscellaneous accessories	
	Lockout device
Marking tags	

IEC	UL	CSA	EN 60079-7
630			
41			
6			
	6 kV / 3		
	A5 / V-0		
CE			
Rated connection			
0.5...10 / 1.5...			
0.5...10 / 0.5...6			
/ (M 3.5)			
12 / 0.8 x 4.0 mm			
Use as 500 V disconnect terminal. Wire connection H07V-K10, H07V-R10 and AWG 8/7 with tightening torque of 1.4 Nm.			

Type	Qty.	Order No.
WTL 6/1/STB/TNSC/EN	50	1938820000
WTL 6/1/TNSC/EN	50	1345280000
TS 32 variants upon request		

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/3	57 A 50	1054760000
WQV 6/4	57 A 50	1054860000
WQV 6/10	57 A 20	1052260000
WAP WTL6/1 EN	20	1957710000
WTW WTL6/1 DB	20	1068400000
WEW 35/2	50	1061200000
WKS 2/2	50	1936140000
WKS 2/3	50	1936150000
WKS 2/4	50	1936160000
VH 16/5/3.5 SAK10-35	50	0309700000
STB 21.6/45 BL	50	1936290000
STB 21.6/45 GE	50	1936240000
STB 21.6/45 GN	50	1936250000
STB 14/D6/4/M3 SAK10	500	2012420000
DEK 5/8 MC NE WS	800	1856740000
WS 12/8 PLUS MC NE WS	420	1906000000

For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring

Screw connection – accessories

Accessories for test-disconnect terminals WTL 6/1

Technical data

Rated voltage for neighbouring	rated voltage
QVS	63 V
WQV	bis 400 V
QL	250 V

for neighbouring	rated voltage
STB 25	63 V
STB 30.5	63 V
STB 35	63 V

SSP WTL, **SSP 3** and **SSP 4** prevent unwanted opening or closing of current circuits. They block the disconnecting slider in its particular position. The lockout device is easily pressed into the terminal, but can only be removed again with a tool.

Type	Qty.	Order No.
SSP 3	100	0531760000
SSP WTL	100	1604200000

To retain the rated voltage, partition plates TW or partition discs TSch have to be used, except with WQV.



QVS 1

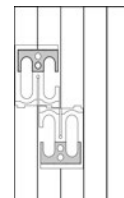
Cross-connection slider



QVS QVS QVSK 2 QVS 2S

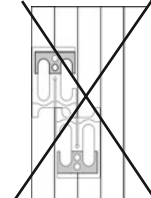
Type	No. of poles	Qty.	Order No.
QVS 2	2	20	0307300000
QVSK 2	2	20	1670360000
QVS 3	3	20	0329300000
QVS 4	4	20	0307400000
QVS 2S	2	20	0358460000
Note: Not suitable for WTL 6/1 EN. QVS 2 placed opposite each other cannot be switched.			

QVSK 2
(167036)



WTL6/1, WTD6/1

QVS 2
(030730)



WTL6/1, WTD6/1

STB

Cross-connection slider



Type	Colour	Qty.	Order No.
STB 14			
STB 14		50	0169900000
STB 30,5			
STB 30.5	black	50	0341000000
STB 30.5	grey	50	0341100000
STB 30.5	blue	50	0341200000
STB 30.5	red	50	0341300000
STB 30.5	green	50	0341400000
STB 30.5	yellow	50	0341500000
STB 30.5	violet	50	0341600000
STB 35			
STB 35	yellow	50	0389000000
STB 35	green	50	0388900000
STB 35	violet	50	0389100000
STB 35	black	50	0388500000
STB 35	grey	50	0388600000
STB 35	blue	50	0388700000
STB 35	red	50	0388800000
Connecting sleeves			
VH19		50	0318000000

Accessories for test-disconnect terminals WTL 6/1 EN

BS / VH



Type	Colour	Qty.	Order No.
Fixing screws			
BS 25	yellow	50	0335700000
BS 25	green	50	0335600000
BS 25	violet	50	0335800000
BS 25	grey	50	0335300000
BS 25	black	50	0335200000
BS 25	blue	50	0335400000
BS 25	red	50	0335500000
BS 25	blank	50	0334700000
STB 25			
STB 21.6/45 BL	blue	50	1936290000
STB 21.6/45 DB	d.blue	50	1938790000
STB 21.6/45 GE	yellow	50	1936240000
STB 21.6/45 GN	green	50	1936250000
STB 21.6/45 GR	grey	50	1936280000
STB 21.6/45 RT	red	50	1936300000
STB 21.6/45 SW	black	50	1936270000
STB 21.6/45 VI	violet	50	1936260000
Connecting sleeves			
VH 16/5/3.5 SAK10-35 CuZn 39 (brass alloy)		50	0309700000
STB 36,8			
STB 36.8/IH/DB WTL6/1		50	1847740000
STB 36.8/IH/GE WTL6/1		50	1847760000
STB 36.8/IH/GN WTL6/1		50	1847770000
STB 36.8/IH/VI WTL6/1		50	1847780000
STB 36.8/IH/BL WTL6/1		50	1847790000

WQV / QL



WQV (only for WTL 6/2,
WTL 6/3)

Type	No. of poles	Qty.	Order No.
WQV			
WQV 6/2	2	50	1052360000
WQV 6/3	3	50	1054760000
WQV 6/4	4	50	1054860000
WQV 6/5	5	50	1062660000
WQV 6/7	7	50	1062680000
WQV 6/10	10	20	1052260000
QL			
QL 2	2	50	0194300000
QL 3	3	50	0194400000
QL 4	4	50	0194500000
QL 10	10	20	0338300000
QL 15	15	10	0221200000
Connecting sleeves			
VH 12		100	0249000000
E-Cu 57 (copper alloy)			

WKB / WKS



Type	No. of poles	Qty.	Order No.
WKB			
WKB 1/2	2	50	1604280000
WKB 1/3	3	50	1604300000
WKB 1/4	4	50	1604320000
WKB 1/10	10	20	1604330000
WKS			
WKS 1/2	2	50	1604270000
WKS 1/3	3	50	1604290000
WKS 1/4	4	50	1604310000
WKS 2/2	2	50	1936150000
WKS 2/3	3	50	1936140000

QS 2



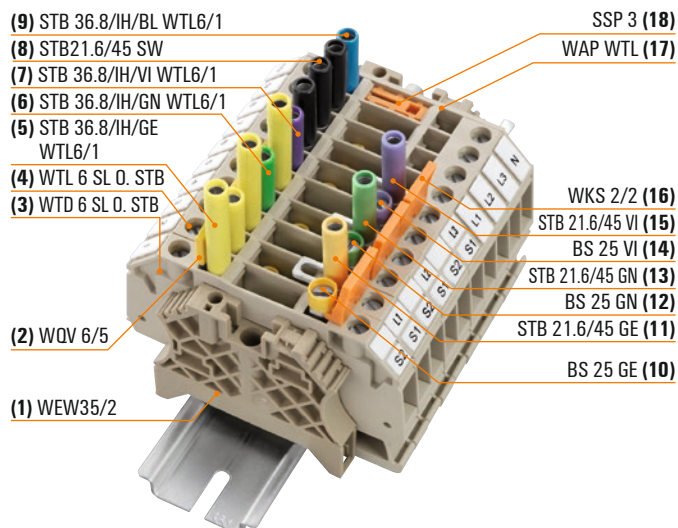
Type	No. of poles	Qty.	Order No.
QS			
QS 2	2	20	0270960000
x = 8 mm, y = 16 mm			
QS 2	2	20	0270860000
x = 10 mm, y = 20 mm			
QS 2	2	20	0270760000
x = 12 mm, y = 20 mm			

Testing made easy WTL 6 SL / WTD 6 SL

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many switching tasks can be done using the WTL 6 SL test/disconnect terminals and the WTD 6 SL feed-through terminals.

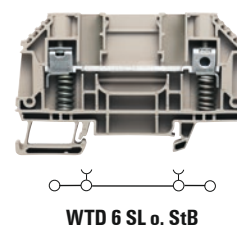
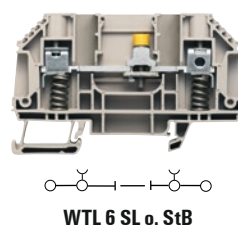
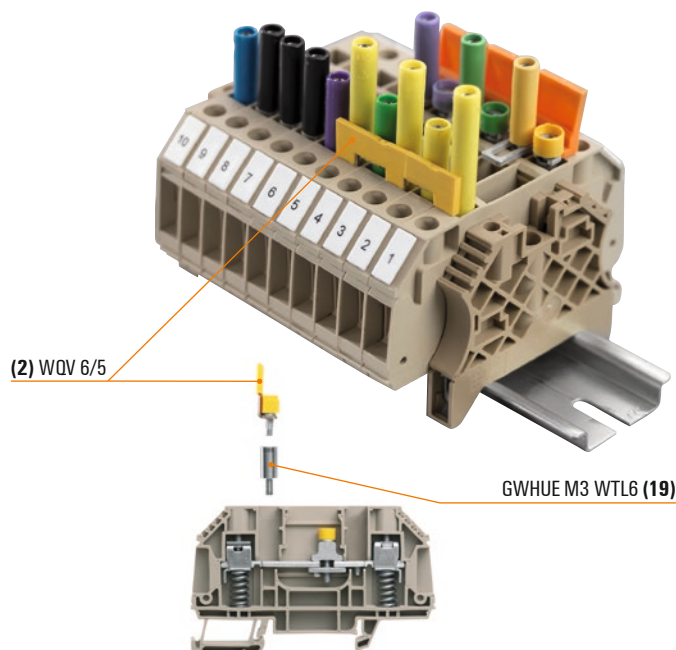
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



Example transformer using WTL 6 SL / WTD 6 SL

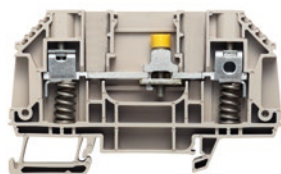
Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2	1061200000	2
2	WQV 6/5	1062660000	1
3	WTD 6 SL O. STB	1238920000	3
4	WTL 6 SL O. STB	1238930000	7
5	STB 36.8/IH/GE WTL6/1	1847760000	4
6	STB 36.8/IH/GN WTL6/1	1847770000	1
7	STB 36.8/IH/VI WTL6/1	1847780000	1
8	STB21.6/45 SW	1936270000	3
9	STB 36.8/IH/BL WTL6/1	1847790000	1
10	BS 25 GE	0335700000	1
11	STB 21.6/45 GE	1936240000	1
12	BS 25 GN	0335600000	1
13	STB 21.6/45 GN	1936250000	1
14	BS 25 VI	0335800000	1
15	STB 21.6/45 VI	1936260000	1
16	WKS 2/2	1936150000	3
17	WAP WTL	9538110000	1
18	SSP 3	0531760000	1
19	GWHUE M3 WTL6	1255010000	3
20	VH 19	0318000000	6





WTL 6 SL

6 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

7.9 x 82.7 x 50

57 / 6

0.5...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	With socket
	without socket
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
Threaded bushing	
	Standard
End plate / Partition plate	
	Black
	dark beige
	dark beige
End bracket	
	dark beige
Hak. Cable lugs	
Marking tags	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630			
41			
6			
	6 kV / 2		
	A5 / V-0		

CE

Rated connection

0.5...6 6

0.5...6

/ (M 3.5)

16 / 0.8 x 4.0 mm

Rated data ESI: 500 V / 24 A.

Type	Qty.	Order No.
WTL 6 SL	50	1161690000
WTL 6 SL 0.STB	50	1238930000
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

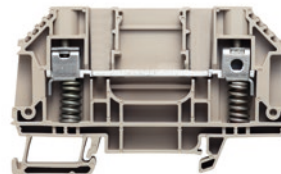
Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/3	57 A 50	1054760000
WQV 6/4	57 A 50	1054860000
WQV 6/10	57 A 20	1052260000
GWHUE M3 WTL6	50	1255010000
WAP WTL6 SL	20	9538110000
WAP WTL6 SL 4-6	20	1238880000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

WTD 6 SL

6 mm²

Feed-through



7.9 x 82.7 x 50

57 / 6

0.5...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630			
41			
6			
	6 kV / 2		
	A5 / V-0		

CE

Rated connection

0.5...6 6

0.5...6

/ (M 3.5)

16 / 0.8 x 4.0 mm

Rated data ESI: 500 V / 24 A.

Type	Qty.	Order No.
WTD 6 SL	50	9538090000
WTD 6 SL 0.STB	50	1238920000

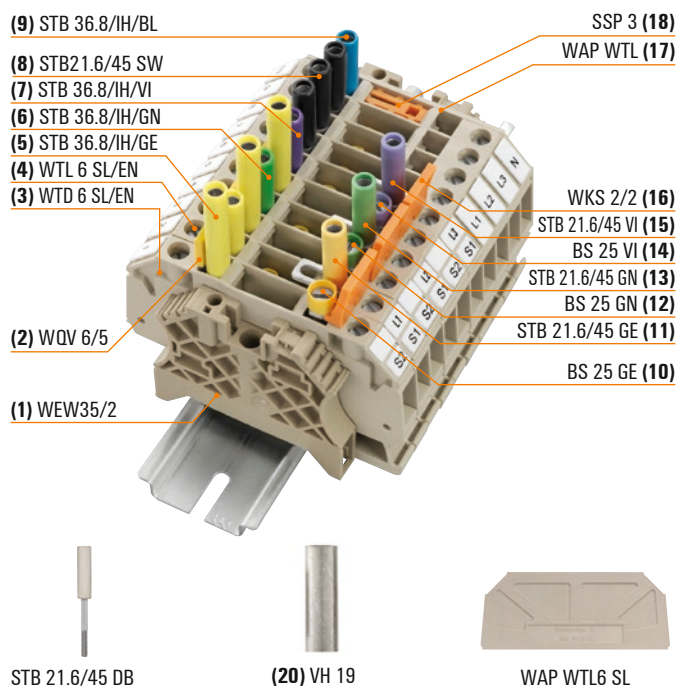
Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/3	57 A 50	1054760000
WQV 6/4	57 A 50	1054860000
WQV 6/10	57 A 20	1052260000
GWHUE M3 WTL6	50	1255010000
WAP WTL6 SL	20	9538110000
WAP WTL6 SL 4-6	20	1238880000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000
WS 12/6.5 MC NE WS	540	1609920000

Testing made easy WTL 6 SL EN / WTD 6 SL EN

Current transformers may only be short-circuited or operated with a negligible load impedance because open current transformers "run hot" and destroy themselves. Apart from that, load impedances lead to measuring inaccuracies in electricity supply meters and hence to financial losses for their operators.

Many switching tasks can be done using the WTL 6 SL EN test/disconnect terminals and the WTD 6 SL EN feed-through terminals.

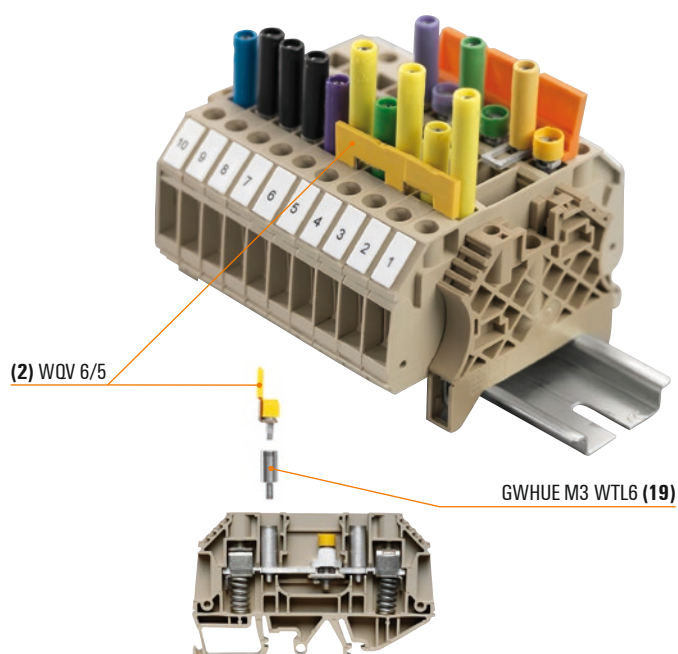
The screws for connecting the conductors are only accessible after the current transformer has been short-circuited with the help of the short-circuit slider. This guarantees that the measuring instrument is not accidentally disconnected.



Example transformer using WTL 6 SL EN / WTD 6 SL EN

Ordering data

Pos.	Type	Order No.	Qty.
1	WEW35/2	1061200000	2
2	WQV 6/5	1062660000	1
3	WTD 6 SL EN	9538100000	3
4	WTL 6 SL EN	9538080000	7
5	STB 36.8/IH/GE	1847760000	4
6	STB 36.8/IH/GN	1847770000	1
7	STB 36.8/IH/VI	1847780000	1
8	STB21.6/45 SW	1936270000	3
9	STB 36.8/IH/BL	1847790000	1
10	BS 25 GE	0335700000	1
11	STB 21.6/45 GE	1936240000	1
12	BS 25 GN	0335600000	1
13	STB 21.6/45 GN	1936250000	1
14	BS 25 VI	0335800000	1
15	STB 21.6/45 VI	1936260000	1
16	WKS 2/2	1936150000	3
17	WAP WTL	9538110000	1
18	SSP 3	0531760000	1
19	GWHUE M3 WTL6	1255010000	3
20	VH 19	0318000000	6

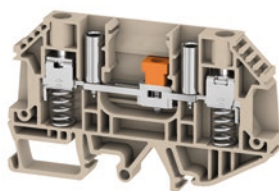




WTL 6 SL/EN

6 mm²

Longitudinal - disconnecter



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

7.9 x 82.7 x 49.5

57 / 6

0.5...6



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	With socket
Note	

Accessories

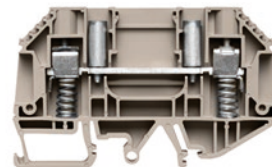
Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	Black
	dark beige
	dark beige
End bracket	
	dark beige
Hak. Cable lugs	
Marking tags	
Threaded bushing	
	Standard

For detailed information on other accessories and application in the online catalogue

WTD 6 SL/EN

6 mm²

Feed-through



7.9 x 82.7 x 49.5

57 / 6

0.5...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630			
41			
6			
	6 kV / 2		
	A5 / V-0		
C E E			
Rated connection			
0.5...6 6			
0.5...6			
/ (M 3.5)			
16 / 0.8 x 4.0 mm			
Rated data ESI: 500 V / 24 A.			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
630			
41			
6			
	6 kV / 2		
	A5 / V-0		
C E E			
Rated connection			
0.5...6 6			
0.5...6			
/ (M 3.5)			
16 / 0.8 x 4.0 mm			
Rated data ESI: 500 V / 24 A.			

Type	Qty.	Order No.
WTL 6 SL/EN	50	9538080000
With pollution severity degree 2, the voltage can be raised to 630 V (no increased contamination can appear).		

Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/10	57 A 20	1052260000
WAP WTL6 SL	20	9538110000
WAP WTL6 SL 4-6	20	1238880000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000
WS 12/6.5 MC NE WS	540	1609920000
GWHUE M3 WTL6	50	1255010000

Type	Qty.	Order No.
WTD 6 SL/EN	50	9538100000

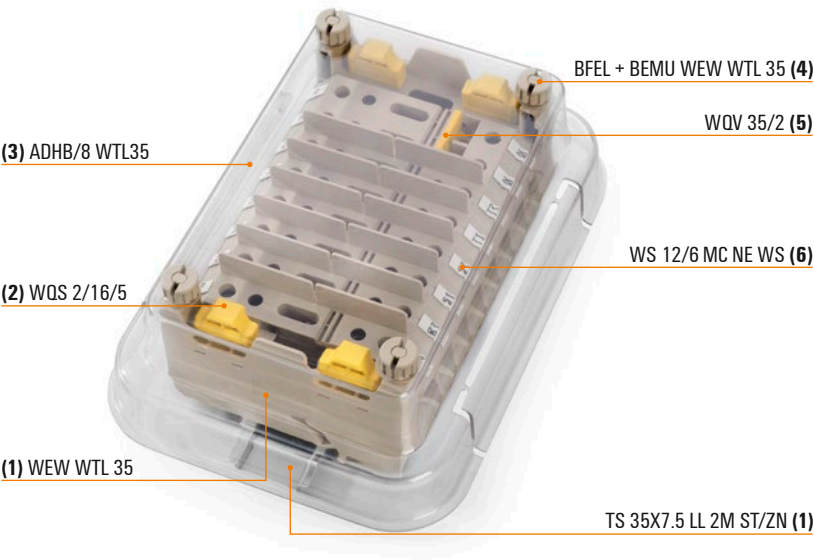
Type	Qty.	Order No.
WQV 6/2	57 A 50	1052360000
WQV 6/3	57 A 50	1054760000
WQV 6/4	57 A 50	1054860000
WQV 6/10	57 A 20	1052260000
WAP WTL6 SL	20	9538110000
WAP WTL6 SL 4-6	20	1238880000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
HBT 1,5 - 4,6 RT	100	1233340000
HBT 2,5 - 4,6 BL	100	1233330000
HBT 6,0 - 4,6 GE	100	1216230000
WS 12/6.5 MC NE WS	540	1609920000



Instrument transformer wiring
Screw connection

Test-disconnect terminal blocks

WTL 35

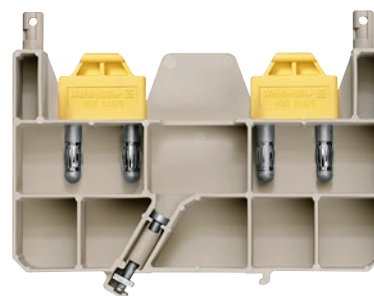


Ordering data

Pos.	Type	Order No.	Qty.
1	WEW WTL 35	1925040000	10
2	WQS 2/16/5	1925070000	10
3	ADHB/8 WTL35	2334730000	25
4	BFEL + BEMU WEW WTL 35	1964820000	20
5	WQV 35/2	1053060000	50
6	WS 12/6 MC NE WS	1609900000	600
7	TS 35X7.5 LL 2M ST/ZN	0514500000	2



WTL 35

35 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

16 x 100 x 67.5

125 / 35

4...35



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	with 2 sockets
	With socket
	with Socket
Note	

Accessories

Screwable cross-connection	
	2-pole
End bracket	
	dark beige
Cover	
Fastenings	
Screwdriver	
	Standard
Marking tags	

IEC	UL	CSA	EN 60079-7
500			
125			
35			
6 kV / 3			
B9 / V-0			

CE

Rated connection

4...16 / 10...35
4...35 / 4...35
/(M 6)
18 / 6.5 x 1.2 mm

The tightening torque for 16 - 50 mm² stranded conductors is 4.5 Nm.

Type	Qty.	Order No.
WTL 35/1STB/WQV	10	1925050000
WTL 35/2STB	10	1925030000
WTL 35/1STB	10	1925060000

Type	Qty.	Order No.
WQV 35/2	138 A	50
WQS 2/16/5	10	1925070000
WEW WTL 35	10	1925040000
ADHB/8 WTL35	25	2334730000
BFEL + BEMU WEW WTL 35	20	1964820000
SDS 1.2X6.5X150	1	2749390000
WS 12/6 MC NE WS	600	1609900000

For detailed information on other accessories and application in the online catalogue

Instrument transformer wiring

Screw connection



WDU 2.5/TC

2.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	-
Max. clamping range	mm ²

10.2 x 60 x 50
/ 2.5
0.13...2.5



Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
(NiCr - Ni) type K	
(Cu - CuNi) type T	
(Fe-CuNi) type J	
(Pt 10% - Pt Rh/Pt 13% - Pt Rh) type SR	
(Pt 10% Rh - Pt 6% Rh) type B	
(NiCr - CuNi) type E	
(NiSi - Nicrosil) type N	

Note

Accessories

End plate / Partition plate	
	dark beige
	dark beige
End bracket	
	dark beige
Marking tags	

IEC 60584, IEC 60947-7-1 Ex eb II C GbII 2 G D



IEC	UL	CSA	EN 60079-7
	50		55
			8
2.5	AWG 30...12		2.5 mm ²
/ 3			
A2 / V-0			
SIRA 02ATEX3153 U			
Rated connection			
0.5...2.5 / 1.5...2.5			
0.5...2.5 / 0.5...2.5			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			

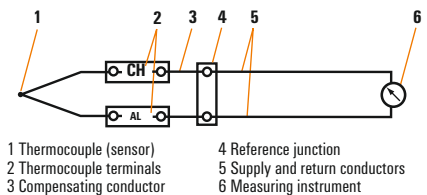
Type	Qty.	Order No.
WDU 2.5/TC TYP K	25	1024100000
WDU 2.5/TC TYP T	25	1024200000
WDU 2.5/TC TYP J	25	1024300000
WDU 2.5/TC TYP SR	25	1024400000
WDU 2.5/TC TYP B	25	1033700000
WDU 2.5/TC TYP E	25	1033300000
WDU 2.5/TC TYP N	25	1041500000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 16*35 WTW 2.5-10	20	1050100000
WEW 35/2	50	1061200000
DEK 5/5 MC NE WS	1000	1609801044

Weidmüller thermocouple terminals are specially designed for the transmission of very small voltages in temperature measuring circuits. Special current bars ensure that no false signals are transmitted within the terminal when temperature differences between the positive and negative paths exist. This high measuring precision is required, for example, in aircraft engine test rigs, complicated chemical processes, controllers, etc.

- Material of current bar corresponds to thermal and compensating conductors
- Clear thermocouple marking
- 2-pole blocks per thermocouple
- Modular width 10 mm

Configuration of a temperature measuring circuit



The thermocouple terminals shown in this measuring circuit are used for the thermoelectrical transmission of the thermoelectric voltage from the thermocouple to the reference junction and the indicator unit via the compensating conductor. Thermocouple terminals are required for constructing a temperature measuring circuit.

Technical data

Thermocouples to IEC 584 (DIN 43 710)

	Current bar
Typ K Ni/Cr Ni	Cromel Alumel
Typ T E-Cu Cu/Ni	E-grade copper Constantan
Typ J Fe Cu/Ni	Iron Constantan
Typ R S E-Cu A-Cu	E-grade copper/ A-grade copper
Typ B S-Cu E-Cu	S-grade copper/ E-grade copper
Typ E Ni/Cr Cu/Ni	Cromel- Constantan

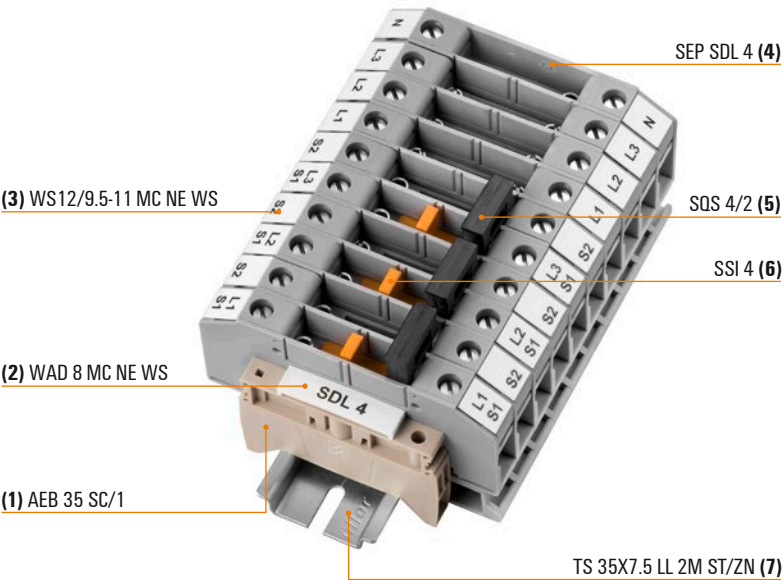
For detailed information on other accessories and application in the online catalogue



Instrument transformer wiring
Threaded stud connection

Test-disconnect terminal blocks

SDL 4



Ordering data

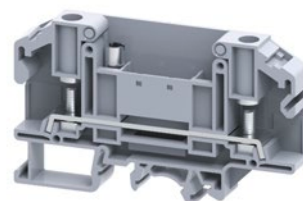
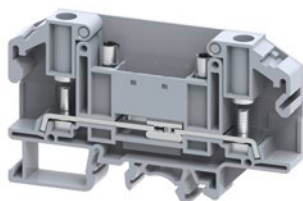
Pos.	Type	Order No.	Qty.
1	AEB 35 SC/1	1991920000	50
2	WAD 8 MC NE WS	1112940000	48
3	WS 12/9.5-11 MC NE WS	2484220000	300
4	SEP SDL 4	2615020000	50
5	SQS 4/2	2615250000	20
	SQS 4/4	2615260000	10
6	SSI 4	2615270000	50
7	TS 35X7.5 LL 2M ST/ZN	0514500000	2



SDL 4

6 mm²

SDL 4 FT

6 mm²

Width/Height/Depth	mm
Rated current / max. cond. cross-section	A
Max. clamping range	mm ²


11 x 86 x 51.5	
41 / 6 mm ²	
1.5...6	

11 x 86 x 51.5	
41 / 6 mm ²	
1.5...6	


Technical data

Rated data with Wemid partition wall	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped cable lugs	
Cable lug to DIN 46234	
2 x cable lugs DIN 46 234	
Cable lug to DIN 46235	
2 x cable lugs DIN 46 235	
Tightening torque	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
41			
6			
8 kV / 3			
CE 			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
1.2...1.2 Nm			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
41			
6			
8 kV / 3			
CE 			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
1.5...6 mm ²			
1.2...1.2 Nm			

Note

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
SDL 4	50	2614980000

Type	Qty.	Order No.
SDL 4 FT	50	2614970000

Accessories

Plug-in cross-connection	
2-pole	
3-pole	
4-pole	
2-pole	
4-pole	
Cross-connection permanent	
2-pole	
3-pole	
4-pole	
End plate	
dark beige	
End bracket	
dark beige, screwable	
Screwdriver	
Standard	
Marking tags	

Type	Qty.	Order No.
SRQB 4/2	41 A 100	2615220000
SRQB 4/3	41 A 50	2615230000
SRQB 4/4	41 A 50	2615240000
SQS 4/2	41 A 20	2615250000
SQS 4/4	41 A 10	2615260000
SQB 4/2	41 A 100	2615140000
SQB 4/3	41 A 50	2615150000
SQB 4/4	41 A 50	2615160000
SEP SDL 4	50	2615020000
AEB 35 SC/1	50	1991920000
SDS 1.0X5.5X150	1	2749380000
WS 12/9.5-11 MC NE WS	300	2484220000

Type	Qty.	Order No.
SRQB 4/2	41 A 100	2615220000
SRQB 4/3	41 A 50	2615230000
SRQB 4/4	41 A 50	2615240000
SQS 4/2	41 A 20	2615250000
SQS 4/4	41 A 10	2615260000
SQB 4/2	41 A 100	2615140000
SQB 4/3	41 A 50	2615150000
SQB 4/4	41 A 50	2615160000
SEP SDL 4	50	2615020000
AEB 35 SC/1	50	1991920000
SDS 1.0X5.5X150	1	2749380000
WS 12/9.5-11 MC NE WS	300	2484220000

For detailed information on other accessories and application in the online catalogue

Clear wiring for high-density signalling levels

With Klippon® Connect in the smallest spaces

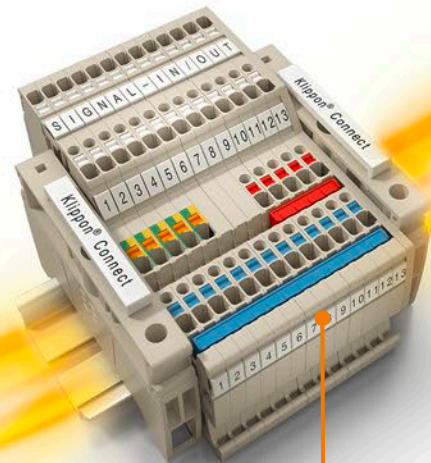
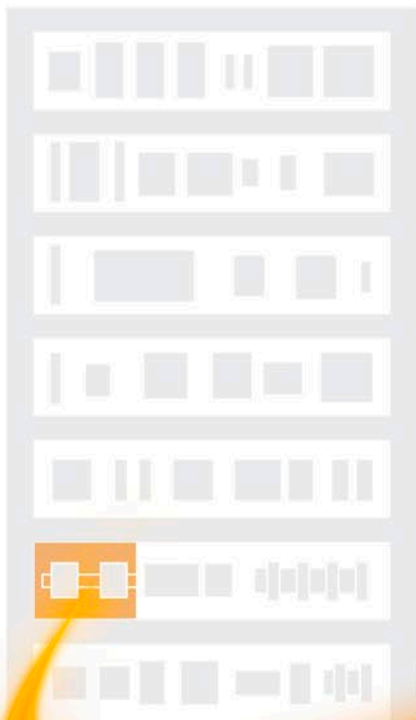


With the current levels of automation, there are more and more sensors monitoring the production process. This increases the number of signals to be combined and structured. Given the restricted space in the panel, this can become a real challenge. Our application-specific initiator/actuator terminal blocks (AIO) are specially designed for the signal wiring requirements posed by automation now and into the future. You can benefit from tailored, really compact solutions for the structured wiring of initiator and actuator signals with the input and output modules of a programmable logic controller (PLC).

Our promise

With tailored application products, Klippon® Connect offers all the benefits required for structured wiring of initiator and actuator signals. The simple handling and the maximum flexibility in the choice of design meets the requirements for reliable signal wiring simply, efficiently and safely.

B



Safety

- Test options on every terminal
- Vibration-resistant and gas-tight connections
- Top-level safety for machines and systems

Space saving

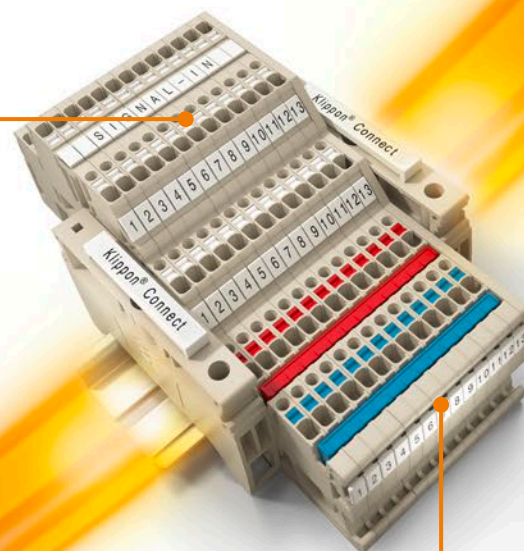
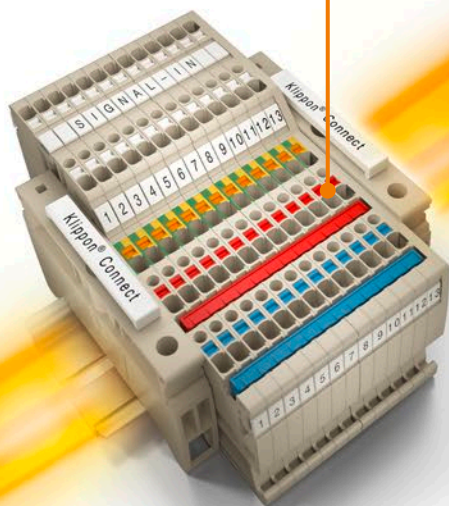
- Up to four different potentials on a terminal just 3.5 mm wide
- Structuring and combining of signals in confined spaces

Time saving

- Simple to use thanks to PUSH IN technology
- Convenient plus/minus potential distribution through range of cross connection options
- Simple wiring thanks to colour-coded pushers

Flexibility

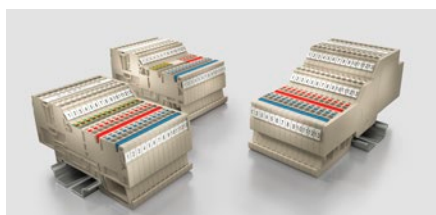
- Maximum clarity thanks to wide variety of labelling options
- User and service-friendly thanks to clear design
- A wide assortment of variants in three designs

**Our range****Extreme flexibility in potential distribution:**

With our application products, you can achieve effective and safe potential distribution while looping the signals to the I/O system. You can benefit from increased wiring density with more potentials on a single terminal block. This not only saves space, but also reduces the time required to assemble the terminal block.

Free choice of design:

Our application products for signal wiring (AIO) are available in three designs. Depending on the design, you can connect 3- or 4-wire sensors or actuators. The large number of variants, e.g. with built-in PE function, allows maximum flexibility when it comes to designing the signal feed.



Signal wiring PUSH IN connection

AI0 – sensor-actuator terminal blocks



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

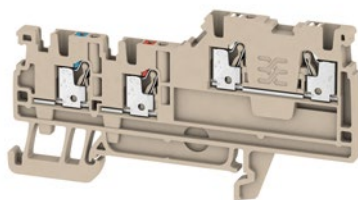
Ordering data

Version	
	dark beige
	Orange
Note	

Accessories

Plug-in cross-connection	
	2-pole/ red
	10-pole / red
	2-pole / blue
	10-pole/ blue
End plate	
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Marking tags	

AI021 1.5 SI

1.5 mm²

3.5 x 80 x 42	
13.5 / 1.5	
0.14...1.5	

In accordance with IEC 60947-7-1 Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
4 kV / 3			
A1 / V-0			

Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1	
8 / 0.4 x 2.0 mm	

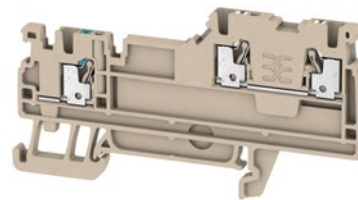
Approval in progress

Type	Qty.	Order No.
AI021 1.5 SI	100	1992260000
AI021 1.5 SI OR	100	2579610000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP IO21	50	1993580000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 M-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
WS 10/3.5 PLUS MC NE WS	960	2003760000

All MultiMark variants (MM) = strip markers

AI021 1.5 SO

1.5 mm²

3.5 x 80 x 42	
13.5 / 1.5	
0.14...1.5	

In accordance with IEC 60947-7-1 Ex eb II C GbII 2 G D

IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm ²
4 kV / 3			
A1 / V-0			

Rated connection	
0.5...1.5 / 0.5...1.5	
0.5...1.5 / 0.5...1	
8 / 0.4 x 2.0 mm	

Approval in progress

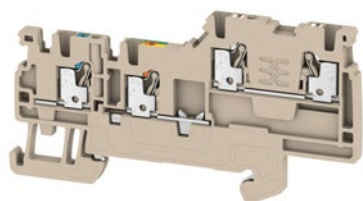
Type	Qty.	Order No.
AI021 1.5 SO	100	1992240000
AI021 1.5 SO OR	100	2579570000

Type	Qty.	Order No.
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP IO21	50	1993580000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 M-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
WS 10/3.5 PLUS MC NE WS	960	2003760000

All MultiMark variants (MM) = strip markers

For detailed information on other accessories and application in the online catalogue

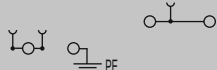
AI021 1.5 SO-PE

1.5 mm²

3.5 x 80 x 42

13.5 / 1.5

0.14...1.5

In accordance with IEC
60947-7-1

Ex eb II C GbII 2 G D

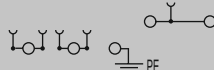


IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

3.5 x 89 x 45

13.5 / 1.5

0.14...1.5

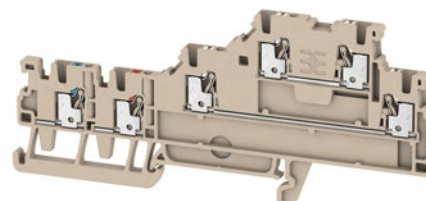
In accordance with IEC
60947-7-1

Ex eb II C GbII 2 G D



IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

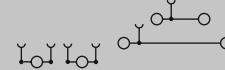
AI023 1.5 2SI

1.5 mm²

3.5 x 110 x 49.5

13.5 / 1.5

0.14...1.5

In accordance with IEC
60947-7-1

Ex eb II C GbII 2 G D



IEC	UL	CSA	EN 60079-7
250	150	150	220
13.5	13	13	12
1.5	AWG 26...14	AWG 26...14	1.5 mm ²

4 kV / 3
A1 / V-0

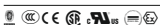
Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

Approval in progress



Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

Approval in progress



Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1

8 / 0.4 x 2.0 mm

Approval in progress

Type	Qty.	Order No.
AI021 1.5 SO-PE	100	1992250000
AI021 1.5 SO-PE OR	100	2579580000

Type	Qty.	Order No.
AI022 1.5 SI-PE	100	1992230000
AI022 1.5 SI-PE OR	100	2579640000

Type	Qty.	Order No.
AI023 1.5 2SI	100	1992220000
AI023 1.5 2SI OR	100	2579620000

Type	Qty.	Order No.
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP IO21	50	1993580000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
WS 10/3.5 PLUS MC NE WS	960	2003760000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP IO22	50	1993590000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
WS 10/3.5 PLUS MC NE WS	960	2003760000

Type	Qty.	Order No.
ZQV 1.5N/2 RD	17.5 A 60	1985650000
ZQV 1.5N/10 RD	17.5 A 20	1985800000
ZQV 1.5N/2 BL	17.5 A 60	1985530000
ZQV 1.5N/10 BL	17.5 A 20	1985680000
AEP IO23	50	1993600000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000
WS 10/3.5 PLUS MC NE WS	960	2003760000

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

All MultiMark variants (MM) = strip markers

Signal wiring

Tension clamp connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/-
Max. clamping range	-

Technical data

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	Base terminal
	Base terminal with LED
	PE base terminal
Note	

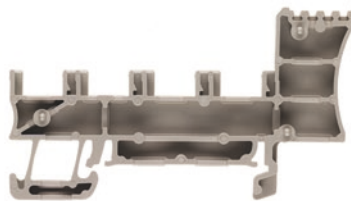
Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
Reducing sleeves	
	for conductors < 0.5 mm ² / AWG 20
	for conductors < 1.0 mm ² / AWG 18
End plate / Partition plate	
	dark beige
	With spigot
	Without peg
Screwdriver	
	Standard
Marking tags	

ZPV 1.5

1.5 mm²

Flange-mounted housing



5.1 x 67.8 x 38.35

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10		
1.5	AWG 26...14	AWG 26...14	
	4 kV / 3		
	/ V-0		

CE CB ENE UL

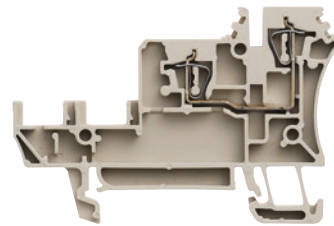
Rated connection

7 /

ZIA 1.5/3 L...

1.5 mm²

Base element 4-wire



5.08 x 68.5 x 45.5

/ 2.5

0.13...2.5



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...14	AWG 26...14	
	4 kV / 3		
	A1 / V-0		

CE CB ENE UL

Rated connection

0.5...2.5
0.5...2.5 / 0.5...1.5
7 / 0.6 x 3.5 mm

Bi-directional LED in ZIA 1.5/3L-1/LD (1651990000)

Type	Qty.	Order No.
ZPV 1.5	100	1676630000
ZVL 1.5 0.QV = distribution strip without internal bridge for park position.		

Type	Qty.	Order No.
ZIA 1.5/3L-1S	100	1651980000
ZIA 1.5/3L-1S/LD-RT	50	1651990000
ZIA 1.5/3L-PE	20	1652000000
ZVL 1.5 0.QV = distribution strip without internal bridge for park position.		

Type	Qty.	Order No.
ZAP/TW ZPV1.5	50	1674650000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

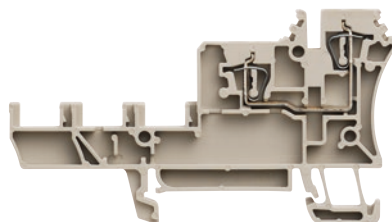
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
ZQV 2.5/50	24 A 10	1697540000
ZRH 1.5N/1	1000	1632140000
ZRH 1.5N/2	1000	1632130000
ZAP/TW ZIA1.5/3L	50	1649540000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue

For holding the ZVL 1.5 distribution strip

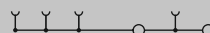
**ZIA 1.5/4 L...****1.5 mm²**

Base element 4-wire



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.08 x 81.5 x 45.5

/ 2.5**0.13...2.5****ZVL 1.5****1.5 mm²**

Distribution strip



5.08 x 12.9 x 17.45

/ 2.5**0.13...2.5****Technical data**

Rated data	
Rated voltage	V
Max. voltage of clamp support & pluggable system	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Stripping length / Blade size	mm/-

Note

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...14	AWG 26...14	
	4 kV / 3		
	A1 / V-0		
CE			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...1.5			
7 / 0.6 x 3.5 mm			
Bi-directional LED in ZIA 1.5/4L-1/LD (1652020000)			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...14	AWG 26...14	
	4 kV / 3		
	A2 / V-0		
CE			
Rated connection			
0.5...2.5			
0.5...2.5 / 0.5...2.5			
7 / 0.6 x 3.5 mm			

Ordering data

Version	
	dark beige
	dark beige
	Blue
	Green/yellow
	Base terminal
	Base terminal with LED
	PE base terminal
	Brown
Note	

Type	Qty.	Order No.
ZIA 1.5/4L-1S	100	1652010000
ZIA 1.5/4L-1S/LD	50	1652020000
ZIA 1.5/4L-PE	20	1652030000
ZVL 1.5 0.QV = distribution strip without internal bridge for park position.		

Type	Qty.	Order No.
ZVL 1.5	100	1649300000
ZVL 1.5 0.QV	100	1711930000
ZVL 1.5 BL	100	1650360000
ZVL 1.5/PE GN/GE BED	100	1651970000
ZVL 1.5 BR	100	1650370000
ZVL 1.5 0.QV = distribution strip without internal bridge for park position.		

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	50-pole
Reducing sleeves	
	for conductors < 1.0 mm ² / AWG 18
	for conductors < 0.5 mm ² / AWG 20
End plate / Partition plate	
	dark beige
	Without peg
	With spigot
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
ZQV 2.5/50	24 A 10	1697540000
ZRH 1.5N/2	1000	1632130000
ZRH 1.5N/1	1000	1632140000
ZAP/TW ZIA1.5/4L	50	1649550000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZRH 1.5N/2	1000	1632130000
ZRH 1.5N/1	1000	1632140000
BZT ZVL1.5/0.ZA	100	1676620000
BZT ZVL1.5	100	1676610000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue

Integrated cross-connectors.
Distribution strip for base element ZPV 1.5 Order no. 1676630000



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Electronic fixtures	
Component voltage / Component current	-/-
Operating voltage for display, max. / Current	-/-
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	dark beige dark beige (red LED) dark beige (green LED)
Note	

Accessories

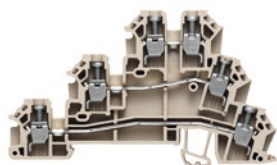
Screwable cross-connection	2-pole 3-pole 4-pole 10-pole
Cross-connector	black red blue
End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Small partition	Small partition
Marking tags	

For detailed information on other accessories and application in the online catalogue

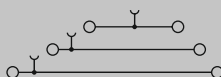
DLD 2.5

2.5 mm²





Voltage supply



6.2 x 82.5 x 48.5
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		
   			
Rated connection 0.5...4 / 0.5...4 0.5...4 / (M 2.5) 7 / 0.6 x 3.5 mm			
Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.			

Rated voltage is reduced to 30 V AC when one pole with a different potential is skinned with a cross-connector

Type	Qty.	Order No.
DLD 2.5 DB	50	1784180000
Variant in blue, Order no. 6269250000 (qty. 50)		

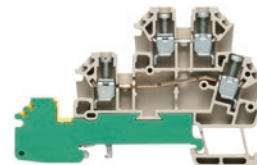
Type	Qty.	Order No.
Q 2 DLJ	24 A	50
Q 3 DLJ	24 A	50
Q 4 DLJ	24 A	50
Q 10 DLJ	24 A	20
VQB 1.5/50 SW	5	
VQB 1.5/50 RT	5	
VQB 1.5/50 BL	5	
AP DLJ2.5 DB	20	
EW 35	50	
SDS 0.6X3.5X100	1	
TSCH 1	100	
DEK 5/6 MC NE WS	1000	

TEAP DLD2.5 DB partial end plate, Order no. 1784220000 (20 pcs.)

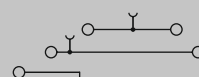
DLD 2.5 PE

2.5 mm²




Lower level earthed



6.1 x 74.5 x 48.5
17.5 / 4
0.13...4



IFC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300		
17.5	10	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		
  			
Rated connection			
0.5...4 / 0.5...4			
0.5...4			
/ (M 2.5)			
7 / 0.6 x 3.5 mm			
Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.			

Rated voltage is reduced to 30 V AC when one pole with a different potential is skinned with a cross-connector

Type	Qty.	Order No.
DLD 2.5/PE DB	50	1783790000

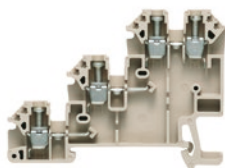
Type	Qty.	Order No.
Q 2 DLJ	24 A 50	1312500000
Q 3 DLJ	24 A 50	1312600000
Q 4 DLJ	24 A 50	1312700000
Q 10 DLJ	24 A 20	1313100000
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 RT	5	1633290000
VQB 1.5/50 BL	5	1633280000
AP DLD2.5/PE DB	20	1783800000
EW 35	50	0383560000
SDS 0.6X3.5X100	1	2749340000
TSCH 1	100	0319160000
DEK 5/6 MC NE WS	1000	1609820000

TEAP DLD2.5/PE DB partial end plate. Order no. 1783810000 (20 pcs.)

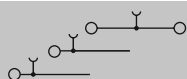
DLI 2.5

2.5 mm²

Initiator connection (signal,+, -)



6.1 x 66 x 48.5
32 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
24	10	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			

CE ENE RA

Rated connection

0.5...4 / 1.5...4

0.5...4

/ (M 2.5)

7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped.

Type	Qty.	Order No.
DLI 2.5 DB	100	1783820000

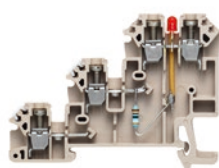
Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 RT	5	1633290000
VQB 1.5/50 BL	5	1633280000
AP DLI2.5 DB	20	1783550000
EW 35	50	0383560000
SDS 0.6X3.5X100	1	2749340000
TSCH 1	100	0319160000
DEK 5/6 MC NE WS	1000	1609820000

StB 8.5 socket in upper busbar (together with PS 2.3 test plug)

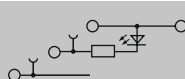
DLI 2.5 LD PNP

2.5 mm²

Initiator connection with LED



6.1 x 66 x 48.5
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
30		30	
24		10	
2.5	AWG 26...12	AWG 26...12	
0.8 kV / 3			
A3 / V-0			

CE ENE RA

30 / 5

Rated connection

0.5...4 / 1.5...4

0.5...4

/ (M 2.5)

7 / 0.6 x 3.5 mm

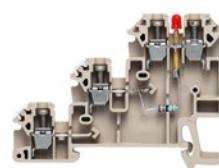
Type	Qty.	Order No.
DLI 2.5/LD-RT/PNP +- DB	50	1783980000
DLI 2.5/LD-GN/PNP +- DB	50	1783970000

Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 RT	5	1633290000
VQB 1.5/50 BL	5	1633280000
AP DLI2.5 DB	20	1783550000
EW 35	50	0383560000
SDS 0.6X3.5X100	1	2749340000
TSCH 1	100	0319160000
DEK 5/6 MC NE WS	1000	1609820000

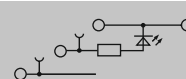
DLI 2.5 LD NPN

2.5 mm²

Initiator connection with LED



6.1 x 66 x 48.5
24 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
30		30	
24		10	
2.5	AWG 26...12	AWG 26...12	
0.8 kV / 3			
A3 / V-0			

CE ENE RA

30 / 5

Rated connection

0.5...4 / 1.5...4

0.5...4

/ (M 2.5)

7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLI 2.5/LD-RT/NPN +- DB	50	1783950000
DLI 2.5/LD-GN/NPN +- DB	50	1783940000

Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 RT	5	1633290000
VQB 1.5/50 BL	5	1633280000
AP DLI2.5 DB	20	1783550000
EW 35	50	0383560000
SDS 0.6X3.5X100	1	2749340000
TSCH 1	100	0319160000
DEK 5/6 MC NE WS	1000	1609820000

Signal wiring

Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Electronic fixtures	
Component voltage / Component current	-/-
Operating voltage for display, max. / Current	-/-
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
Note	

Ordering data

Version	
	dark beige
	dark beige (red LED)
	dark beige (green LED)
Note	

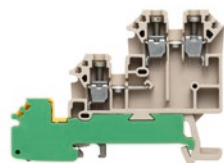
Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
Cross-connector	
	black
	red
	blue
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Small partition	
	Small partition
Marking tags	

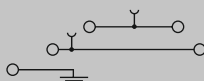
DLA 2.5

2.5 mm²

Actuator connection (signal, -PE)



6.1 x 65 x 48.5
26 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

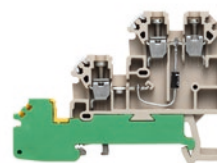
0.5...4 / 1.5...4
0.5...4
/(M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

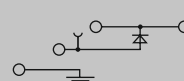
DLA 2.5/D

2.5 mm²

Actuator connection (circuit with diode)



6.1 x 66 x 48.5
17.5 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			



Rated connection

0.5...4 / 1.5...4
0.5...4
/(M 2.5)
7 / 0.6 x 3.5 mm

Rated voltage is reduced to 30 V AC when one pole with a different potential is skipped with a cross-connector.

Type	Qty.	Order No.
DLA 2.5 DB	100	1783560000

Type	Qty.	Order No.
DLA 2.5/D DB	100	1783590000

Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 RT	5	1633290000
VQB 1.5/50 BL	5	1633280000
AP DLI2.5 DB	20	1783550000
EW 35	50	0383560000
SDS 0.6X3.5X100	1	2749340000
TSCH 1	100	0319160000
DEK 5/6 MC NE WS	1000	1609820000

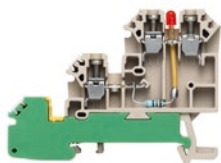
Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 RT	5	1633290000
VQB 1.5/50 BL	5	1633280000
AP DLI2.5 DB	20	1783550000
EW 35	50	0383560000
SDS 0.6X3.5X100	1	2749340000
TSCH 1	100	0319160000
DEK 5/6 MC NE WS	1000	1609820000

For detailed information on other accessories and application in the online catalogue

DLA 2.5/LD

2.5 mm²

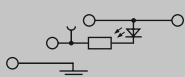
Actuator connection with LED



6.1 x 66 x 48.5

17.5 / 4

0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
30		30	
17.5		10	
2.5	AWG 26...12	AWG 26...12	
0.8 kV / 3			
A3 / V-0			

CE ENEC TUV

30 / 5

Rated connection

0.5...4 / 1.5...4

0.5...4

/ (M 2.5)

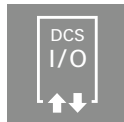
7 / 0.6 x 3.5 mm

Type	Qty.	Order No.
DLA 2.5/LD-RT DB	50	1783600000

Type	Qty.	Order No.
Q 2 DLI	24 A 50	1312500000
Q 3 DLI	24 A 50	1312600000
Q 4 DLI	24 A 50	1312700000
Q 10 DLI	24 A 20	1313100000
VQB 1.5/50 SW	5	1635120000
VQB 1.5/50 RT	5	1633290000
VQB 1.5/50 BL	5	1633280000
AP DLI2.5 DB	20	1783550000
EW 35	50	0383560000
SDS 0.6X3.5X100	1	2749340000
TSCH 1	100	0319160000
DEK 5/6 MC NE WS	1000	1609820000

Space-saving connection of process control systems

Efficient marshalling and distribution with Klippon® Connect signals

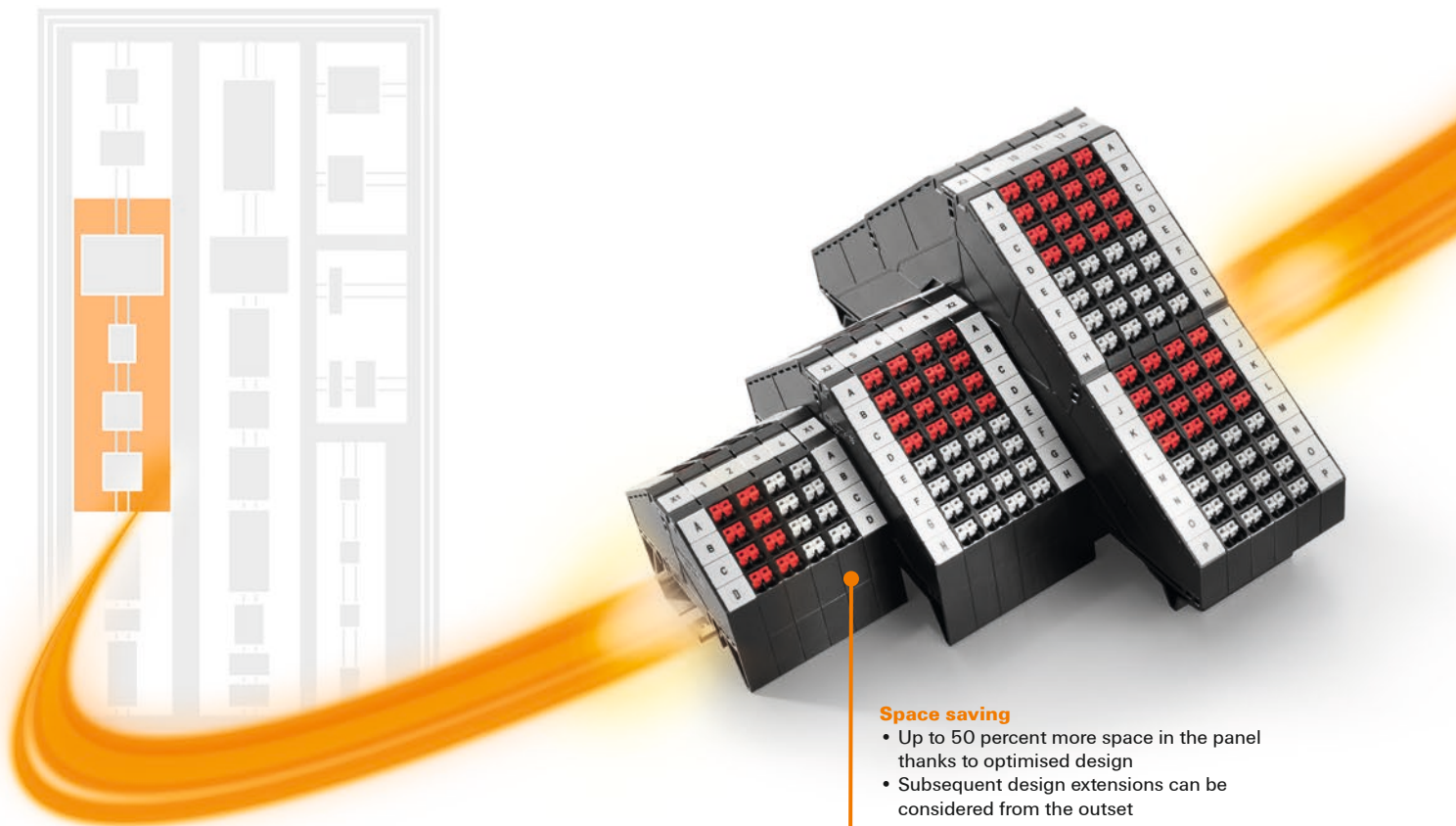


Increasingly complex requirements for automation processes and increasing demands in terms of monitoring and recording operational data have led to an ever-increasing number of sensors in the field for process technology. This means that space- and time-saving wiring of signals in Signal marshalling panels in the process and energy generation industries is becoming increasingly demanding. Our terminal blocks for Signal marshalling enable extremely compact yet clear panel design. The additional signals for automation can be easily connected and processed.

Our promise

With our terminal blocks for Signal marshalling, you have maximum flexibility from the planning phase: potential later extensions can be planned in from the start. This means that Klippon® Connect saves you time and money and considerably improves productivity.

B

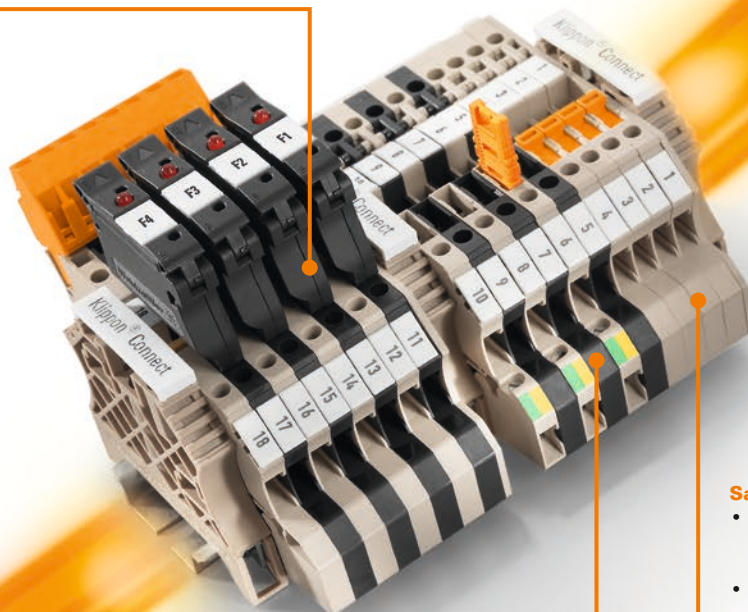


Space saving

- Up to 50 percent more space in the panel thanks to optimised design
- Subsequent design extensions can be considered from the outset

Time saving

- Use of pre-assembled cable sets with pluggable BLZ connectors saves valuable wiring time
- Quick and convenient fuse changes thanks to fuse holder with pivoting fuse lever

**Flexibility**

- All the important terminal block functions in a single design
- More flexibility in potential distribution thanks to three cross-connection channels
- Setup of an additional shield potential next to the neutral conductor is possible with ZQV standard cross connections

Safety

- Error-free assignment of signals, based on a colour-coded matrix structure and printed partition plates
- Guarantees vibration-resistant and gas-tight connections
- Protection from electromagnetic influences
- Consistently low contact resistance thanks to innovative V-shaped current bars

Our range**Unique design for plenty of space:**

Our PUSH IN terminal blocks for Signal marshalling (PRV) with up to 16 connection levels are specially designed to meet the requirements for wiring initiator and actuator signals in process control engineering. The optimised design guarantees a space saving of up to 50 percent in the panel. And the unique V-shape of the current bars ensures consistently low contact resistances.

**One solution for all requirements:**

The WMF-Series of screw connection terminals is a multi-functional solution for the marshalling and distribution of signals. Feed-through, fuse and disconnector function plus an additional shield connection are included in one design.





Technical data

Note

Version	
	black for TS 35x15
	blue for TS 35x15
	black for TS 35x7.5
	blue for TS 35x7.5
Note	



End plate	black blue grey
Marker holder	black for TS 35x15 blue for TS 35x15 black for TS 35x7.5 blue for TS 35x7.5
Spacer	Unprinted Printed 0...3 or 0...7 or 0...15 Printed 1...4 or 1...8 or 1...16 Printed A...D or A...H or A...P
End bracket	black
Screwdriver	Standard
Plug-in cross-connection	2-pole
Marking taus	

PRV 4 RT

1.5 mm²



9.2 x 70 x 54.5
13 / 1.5
0.13...1.5

IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	16	AWG 26...16	
4 kV / 3			
/ V-0			
CE  			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
PRV 4 SW 35X15 RT	20	1173810000
PRV 4 BL 35X15 RT	20	1267890000
PRV 4 SW 35X7.5 RT	20	1173830000
PRV 4 BL 35X7.5 RT	20	1267900000
RT = red actuators		

Type	Qty.	Order No.
PAP PRV/PPV4 SW	10	1173750000
PAP PRV/PPV4 BL	10	1268010000
PAP PRV/PPV4 GR	10	1211450000
BZT PRV4 SW 35X15	20	1173590000
BZT PRV4 BL 35X15	20	1267980000
BZT PRV4 SW 35X7.5	20	1173600000
BZT PRV4 BL 35X7.5	20	1267990000
TW PRV4	10	1173700000
TW PRV4 0-3	10	1230060000
TW PRV4 1-4	10	1230050000
TW PRV4 A-D	10	1230070000
ZEW 35/2 SW	20	1162610000
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC-I QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

PRV 4 WS


1.5 mm²



$9.2 \times 70 \times 54.5$
 $13/1.5$
 $0.13...1.5$



IEC 60947-7-1, DIN EN 60079

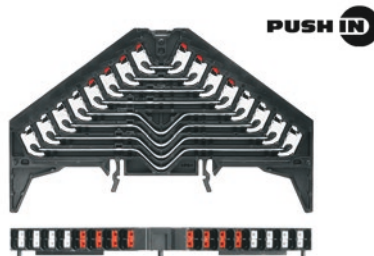
IEC	UL	CSA	EN 60079-7
250	300	300	
10	10	10	
1.5	16	AWG 26...16	
	4 kV / 3		
	/ V-0		
CE  ENEC			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
PRV 4 SW 35X15 WS	20	1173820000
PRV 4 BL 35X15 WS	20	1173920000
PRV 4 SW 35X7.5 WS	20	1173840000
PRV 4 BL 35X7.5 WS	20	1173930000
WS = white actuators		

Type	Qty.	Order No.
PAP PRV/PPV4 SW	10	1173750000
PAP PRV/PPV4 BL	10	1268010000
PAP PRV/PPV4 GR	10	1211450000
BZT PRV4 SW 35X15	20	1173590000
BZT PRV4 BL 35X15	20	1267980000
BZT PRV4 SW 35X7.5	20	1173600000
BZT PRV4 BL 35X7.5	20	1267990000
TW PRV4	10	1173700000
TW PRV4 0-3	10	1230060000
TW PRV4 1-4	10	1230050000
TW PRV4 A-D	10	1230070000
ZEW 35/2 SW	20	1162610000
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC-I QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000



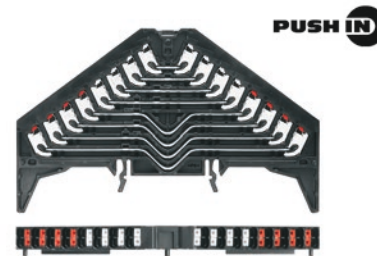
PRV 8 RT/WS

1.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

9.2 x 120 x 73	
10 / 1.5	
0.13...1.5	

PRV 8 WS/RT

1.5 mm²

9.2 x 120 x 73	
10 / 1.5	
0.13...1.5	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
8	10	10	
1.5	16	AWG 26...16	
4 kV / 3			
/ V-0			

CE

UL

CSA

EN 60079-7

Rated connection

0.5...1.5 / 0.5...1.5

0.5...1.5 / 0.5...1.5

10 / 0.6 x 3.5 mm

Technical data

Rated data	
Rated voltage	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	black for TS 35x15
	blue for TS 35x15
	black for TS 35x7.5
	blue for TS 35x7.5

Note

Accessories

End plate	
	black
	blue
	grey
Marker holder	
	black for TS 35x15
	blue for TS 35x15
	black for TS 35x7.5
	blue for TS 35x7.5
Spacer	
	Unprinted
	Printed 0...3 or 0...7 or 0...15
	Printed 1...4 or 1...8 or 1...16
	Printed A...D or A...H or A...P
End bracket	
	black
Screwdriver	
	Standard
Plug-in cross-connection	
	2-pole
Marking tags	

Type	Qty.	Order No.
PRV 8 SW 35X15 RT/WS	20	1173740000
PRV 8 BL 35X15 RT/WS	20	1267830000
PRV 8 SW 35X7.5 RT/WS	20	1173790000
PRV 8 BL 35X7.5 RT/WS	20	1267840000

RT = red actuators

WS = white actuators

Type	Qty.	Order No.
PAP PRV/PPV8 SW	10	1173720000
PAP PRV/PPV8 BL	10	1268000000
PAP PRV/PPV8 GR	10	1211460000

BZT PRV8 SW 35X15	20	1173570000
BZT PRV8 BL 35X15	20	1267950000
BZT PRV8 SW 35X7.5	20	1173580000
BZT PRV8 BL 35X7.5	20	1267970000

TW PRV8	10	1173670000
TW PRV8 0-7	10	1230090000
TW PRV8 1-8	10	1230080000
TW PRV8 A-H	10	1230110000

ZEW 35/2 SW	20	1162610000
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SDIS SLIM 0.6X3.5X100	1	2749610000
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SRC-I QV P	10	8870840000
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WS 7.8/9.2 PLUS MC NE GR	360	1208970000
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Type	Qty.	Order No.
PRV 8 SW 35X15 WS/RT	20	1173780000
PRV 8 BL 35X15 WS/RT	20	1173900000
PRV 8 SW 35X7.5 WS/RT	20	1173800000
PRV 8 BL 35X7.5 WS/RT	20	1173910000

RT = red actuators

WS = white actuators

Type	Qty.	Order No.
PAP PRV/PPV8 SW	10	1173720000
PAP PRV/PPV8 BL	10	1268000000
PAP PRV/PPV8 GR	10	1211460000

BZT PRV8 SW 35X15	20	1173570000
BZT PRV8 BL 35X15	20	1267950000
BZT PRV8 SW 35X7.5	20	1173580000
BZT PRV8 BL 35X7.5	20	1267970000

TW PRV8	10	1173670000
TW PRV8 0-7	10	1230090000
TW PRV8 1-8	10	1230080000
TW PRV8 A-H	10	1230110000

ZEW 35/2 SW	20	1162610000
-------------	----	------------

SDIS SLIM 0.6X3.5X100	1	2749610000
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SRC-I QV P	10	8870840000
------------	----	------------

WS 7.8/9.2 PLUS MC NE GR	360	1208970000
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For detailed information on other accessories and application in the online catalogue



Technical data

Note

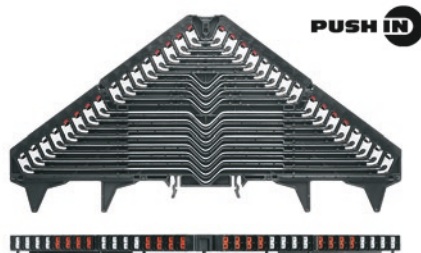
Ordering data

Note

Accessories



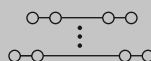
PRV 16 RT/WS

1.5 mm²

9.2 x 225 x 113.5

11 / 1.5

0.13...1.5



IEC 60947-7-1, DIN EN 60079

IEC	UL	CSA	EN 60079-7
250	300	300	
6	1	1	
1.5	16	AWG 26...16	
		4 kV / 3	
		/ V-0	



Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

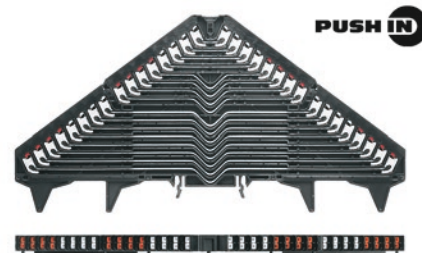
Type	Qty.	Order No.
PRV 16 SW 35X15 RT/WS	20	1173620000
PRV 16 BL 35X15 RT/WS	20	1267790000
PRV 16 SW 35X7.5 RT/WS	20	1173680000
PRV 16 BL 35X7.5 RT/WS	20	1267810000

RT = red actuators
WS = white actuators

Type	Qty.	Order No.
BZT PRV16 SW 35X15	20	1173540000
BZT PRV16 BL 35X15	20	1267930000
BZT PRV16 SW 35X7.5	20	1173550000
BZT PRV16 BL 35X7.5	20	1267940000
TW PRV16	10	1173630000
TW PRV16 0-15	10	1230130000
TW PRV16 1-16	10	1230120000
TW PRV16 A-P	10	1230140000
WEW 35/1 SW	50	1162600000
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC-I QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

PRV 16 WS/RT

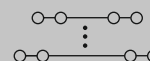
1.5 mm²



9.2 x 225 x 113.5

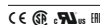
11 / 1.5

0.13...1.5



IEC 60947-7-1, DIN EN 60079

IEC	UL	CSA	EN 60079-7
250	300	300	
6	1	1	
1.5	16	AWG 26...16	
		4 kV / 3	
		/ V-0	



Rated connection
0.5...1.5 / 0.5...1.5
0.5...1.5 / 0.5...1.5
10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
PRV 16 SW 35X15 WS/RT	20	1173650000
PRV 16 BL 35X15 WS/RT	20	1267800000
PRV 16 SW 35X7.5 WS/RT	20	1173710000
PRV 16 BL 35X7.5 WS/RT	20	1267820000

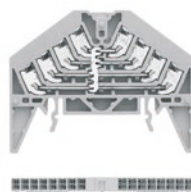
RT = red actuators
WS = white actuators

Type	Qty.	Order No.
BZT PRV16 SW 35X15	20	1173540000
BZT PRV16 BL 35X15	20	1267930000
BZT PRV16 SW 35X7.5	20	1173550000
BZT PRV16 BL 35X7.5	20	1267940000
TW PRV16	10	1173630000
TW PRV16 0-15	10	1230130000
TW PRV16 1-16	10	1230120000
TW PRV16 A-P	10	1230140000
WEW 35/1 SW	50	1162600000
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC1 QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

B.184

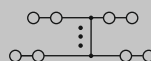


PPV 4

1.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

9.2 x 70 x 54.5
/ 1.5
0.13...1.5



Technical data

Rated data	
Rated voltage	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

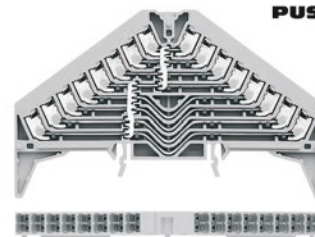
Version	
blue for TS 35x15	
grey for TS 35x15	
orange for TS 35x15	
blue for TS 35x7.5	
grey for TS 35x7.5	
orange for TS 35x7.5	
Note	

Accessories

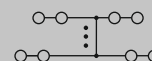
End plate	
black	
blue	
grey	
Marker holder	
black for TS 35x15	
blue for TS 35x15	
black for TS 35x7.5	
blue for TS 35x7.5	
Spacer	
Unprinted	
Printed 0...3 or 0...7 or 0...15	
Printed 1...4 or 1...8 or 1...16	
Printed A...D or A...H or A...P	
End bracket	
black	
Screwdriver	
Standard	
Plug-in cross-connection	
2-pole	
Marking tags	

For detailed information on other accessories and application in the online catalogue

PPV 8

1.5 mm²

9.2 x 120 x 73
/ 1.5
0.13...1.5



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...16	AWG 26...16	
4 kV / 3			
/ V-0			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
PPV 8 BL 35X15 DGR	20	1267870000
PPV 8 GR 35X15 DGR	20	1173850000
PPV 8 OR 35X15 DGR	20	1301620000
PPV 8 BL 35X7.5 DGR	20	1267880000
PPV 8 GR 35X7.5 DGR	20	1173870000
PPV 8 OR 35X7.5 DGR	20	1301640000
DGR = dark grey actuators		

IEC 60947-7-1, DIN EN 60079

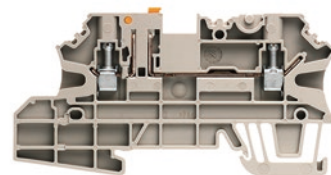
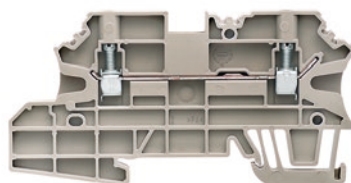
IEC	UL	CSA	EN 60079-7
250	300	300	
17.5	10	10	
1.5	AWG 26...16	AWG 26...16	
4 kV / 3			
/ V-0			
Rated connection			
0.5...1.5 / 0.5...1.5			
0.5...1.5 / 0.5...1.5			
10 / 0.6 x 3.5 mm			

10 / 0.6 x 3.5 mm

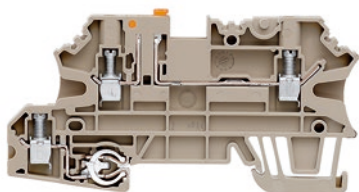
Type	Qty.	Order No.
PPV 4 BL 35X15 DGR	20	1267910000
PPV 4 GR 35X15 DGR	20	1173880000
PPV 4 OR 35X15 DGR	20	1301610000
PPV 4 BL 35X7.5 DGR	20	1267920000
PPV 4 GR 35X7.5 DGR	20	1173890000
PPV 4 OR 35X7.5 DGR	20	1301630000
DGR = dark grey actuators		

Type	Qty.	Order No.
PAP PRV/PPV4 SW	10	1173750000
PAP PRV/PPV4 BL	10	1268010000
PAP PRV/PPV4 GR	10	1211450000
BZT PRV4 SW 35X15		
BZT PRV4 BL 35X15	20	1173590000
BZT PRV4 BL 35X15	20	1267980000
BZT PRV4 SW 35X7.5	20	1173600000
BZT PRV4 BL 35X7.5	20	1267990000
TW PRV4		
TW PRV4 0-3	10	1173700000
TW PRV4 0-3	10	1230060000
TW PRV4 1-4	10	1230050000
TW PRV4 A-D	10	1230070000
ZEW 35/2 SW		
ZEW 35/2 SW	20	1162610000
SDIS SLIM 0.6X3.5X100		
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC-I QV P		
SRC-I QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR		
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

Type	Qty.	Order No.
PAP PRV/PPV8 SW	10	1173720000
PAP PRV/PPV8 BL	10	1268000000
PAP PRV/PPV8 GR	10	1211460000
BZT PRV8 SW 35X15		
BZT PRV8 BL 35X15	20	1173570000
BZT PRV8 BL 35X15	20	1267950000
BZT PRV8 SW 35X7.5	20	1173580000
BZT PRV8 BL 35X7.5	20	1267970000
TW PRV8		
TW PRV8 0-7	10	1173670000
TW PRV8 0-7	10	1230090000
TW PRV8 1-8	10	1230080000
TW PRV8 A-H	10	1230110000
ZEW 35/2 SW		
ZEW 35/2 SW	20	1162610000
SDIS SLIM 0.6X3.5X100		
SDIS SLIM 0.6X3.5X100	1	2749610000
SRC-I QV P		
SRC-I QV P	10	8870840000
WS 7.8/9.2 PLUS MC NE GR		
WS 7.8/9.2 PLUS MC NE GR	360	1208970000



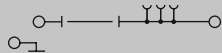
WMF 2.5 DI PE

2.5 mm²

5.08 x 88 x 44.5

20 / 4

0.5...4



Ex ec II C GcII 3 G D



IEC	UL	CSA	EN 60079-7
	600	600	500
20	19	19	20
2.5	AWG 26...12	AWG 26...12	2.5 mm ²
8 kV / 3			
A3 / V-0			

Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...2.5

/ (M 3)

10 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WMF 2.5 DI PE	50	1143030000
WMF 2.5 DI PE BL	50	1270080000

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000
AP WMF2.5	50	1142990000
WEW 35/1	50	1059000000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Signal marshalling

Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-

Note

Ordering data

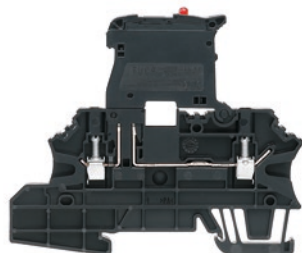
Version	
	Black
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	100 - 250 V AC/DC, with LED
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Marking tags	

For detailed information on other accessories and application in the online catalogue

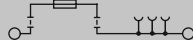
WMF 2.5 FU

2.5 mm²

5.08 x 88 x 74

6.3 / 4

0.5...4



Ex ec II C GcII 3 G D



IEC	UL	CSA	EN 60079-7
600	600	600	
6.3	17	17	6.3
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 3)			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
WMF 2.5 FU SW	50	1162920000
WMF 2.5 FU 10-36V SW	50	1162930000
WMF 2.5 FU 30-70V SW	50	1162940000
WMF 2.5 FU 60-150V SW	50	1162950000
WMF 2.5 FU 100-250V SW	50	1162960000

The WMF FU terminals may not be aligned directly under one another.

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000

AP WMF2.5	50	1142990000
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WEW 35/2	50	1061200000
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SDS 0.6X3.5X100	1	2749340000
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SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000

BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000

TNST	20 A 50	1833090000
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DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

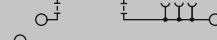
WMF 2.5 FU PE

2.5 mm²

5.08 x 88 x 74

6.3 / 4

0.5...4



Ex ec II C GcII 3 G D



IEC	UL	CSA	EN 60079-7
600	600	600	
6.3	17	17	6.3
2.5	AWG 26...12	AWG 26...12	4 mm ²
8 kV / 3			
A3 / V-0			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 3)			
10 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
WMF 2.5 FU PE SW	50	1163040000
WMF 2.5 FU PE 10-36V SW	50	1163050000
WMF 2.5 FU PE 30-70V SW	50	1163060000
WMF 2.5 FU PE 60-150V SW	50	1163070000
WMF 2.5 FU PE 100-250V SW	50	1163080000

The WMF FU terminals may not be aligned directly under one another.

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000

AP WMF2.5	50	1142990000
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WEW 35/2	50	1061200000
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SDS 0.6X3.5X100	1	2749340000
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SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000

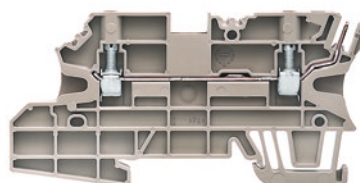
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000

TNST	20 A 50	1833090000
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DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000



WMF 2.5 BLZ

2.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

5.08 x 90 x 44.5	BLZ 5.08
32 / 4	
0.5...4	

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	300	300	
24	20	26	
2.5	AWG 26...12	AWG 26...12	
	8 kV / 3		
	A3 / V-0		

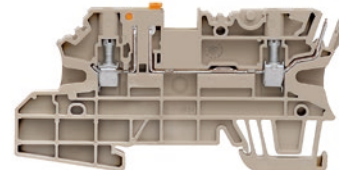
CE, RoHS, REACH

Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
/ (M 3)
10 / 0.6 x 3.5 mm

With BLZ plug the nominal current is reduced to 15.5 A.

WMF 2.5 DI BLZ

2.5 mm²

5.08 x 90 x 44.5	BLZ 5.08
20 / 4	
0.5...4	

IEC 61984, In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	300	300	
20	19	19	
2.5	AWG 26...12	AWG 26...12	
	8 kV / 3		
	A3 / V-0		

CE, RoHS, REACH

Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
/ (M 3)
10 / 0.6 x 3.5 mm

With BLZ plug the nominal current is reduced to 15.5 A.

Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED

Module connector (max. 250 V)

	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Marking tags	

Type	Qty.	Order No.
WMF 2.5 BLZ	50	1143050000

Type		Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/10 GE	24 A	20	1693880000
AP WMF2.5		50	1142990000
WEW 35/2		50	1061200000
SDS 0.6X3.5X100		1	2749340000
</			

Type	Qty.	Order No.
WMF 2.5 DI BLZ	50	1143000000

Type		Qty.	Order No.
ZQV 2.5N/2 GE	24 A	60	1693800000
ZQV 2.5N/10 GE	24 A	20	1693880000
AP WMF2.5		50	1142990000
WEW 35/1		50	1059000000
SDS 0.6X3.5X100		1	2749340000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
FUCR SW		10	1167630000
FUCR 10-36V SW		10	1167640000
FUCR 100-250V SW		10	1167680000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST	20 A	50	1833090000
DEK 5/5 MC NE WS		1000	1609801044
WS 10/5 MC NE WS		720	1635000000

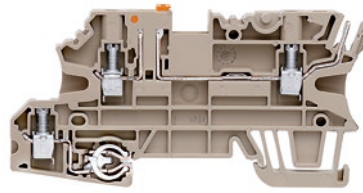
For detailed information on other accessories and application in the online catalogue

Signal marshalling

Screw connection



WMF 2.5 DI BLZ PE

2.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

5.08 x 90 x 44.5	BLZ 5.08
20 / 4	
0.5...4	

IEC 60947-7-2, IEC 61984, In
accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	300	300	
20	19	19	
2.5	AWG 26...12	AWG 26...12	
	8 kV / 3		
	A3 / V-0		

CE RoHS REACH

Rated connection
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
/ (M 3)
10 / 0.6 x 3.5 mm

With BLZ plug the nominal current is reduced to 15.5 A.

Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
WMF 2.5 DI BLZ PE	50	1143010000

Accessories

Plug-in cross-connection	2-pole 10-pole
End plate / Partition plate	dark beige
End bracket	dark beige
Screwdriver	Standard
Holder for cartridge fuse 5 x 20 mm	400 V AC/DC, without LED 10 - 36 V AC/DC, red LED 140 - 250 V AC/DC, red LED

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000
AP WMF2.5	50	1142990000
WEW 35/1	50	1059000000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Module connector (max. 250 V)

without fittings
with wire jumper
With 1N4007 diode

Disconnect plug

removable, as replacement for release lever

Marking tags

For detailed information on other accessories and
application in the online catalogue



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-

Note

Ordering data

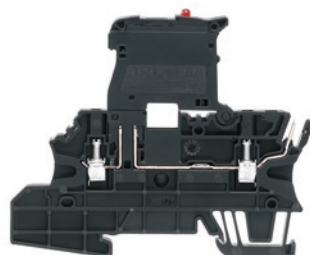
Version	
	Black
	10-36 V AC/DC, with LED
	30-70 V AC/DC, with LED
	60-150 V AC/DC, with LED
	100 - 250 V AC/DC, with LED
Note	

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Marking tags	

For detailed information on other accessories and application in the online catalogue

WMF 2.5 FU BLZ

2.5 mm²

5.08 x 90 x 74	
6.3 / 4	
0.5...4	

IEC 61984, In accordance with IEC 60947-7-1, IEC 60947-3

IEC	UL	CSA	EN 60079-7
6.3	300	300	
2.5	17	17	
	AWG 26...12	AWG 26...12	
	8 kV / 3		
	A3 / V-0		

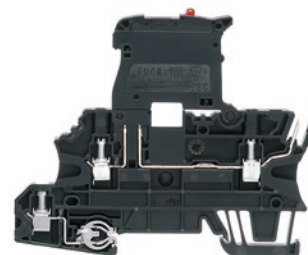
CE ENEC

Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 3)	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
WMF 2.5 FU BLZ SW	50	1162980000
WMF 2.5 FU BLZ 10-36V SW	50	1162990000
WMF 2.5 FU BLZ 30-70V SW	50	1163000000
WMF 2.5 FU BLZ 60-150V SW	50	1163010000
WMF 2.5 FU BLZ 100-250V SW	50	1163020000

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000
AP WMF2.5	50	1142990000
WEW 35/1	50	1059000000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

WMF 2.5 FU BLZ PE

2.5 mm²

5.08 x 90 x 74	
6.3 / 4	
0.5...4	

IEC 60947-7-2, IEC 61984, In accordance with IEC 60947-7-1, IEC 60947-3

IEC	UL	CSA	EN 60079-7
6.3	300	300	
2.5	17	17	
	AWG 26...12	AWG 26...12	
	8 kV / 3		
	A3 / V-0		

CE ENEC

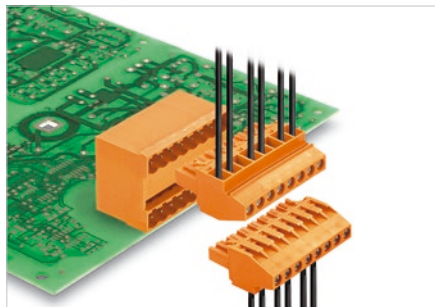
Rated connection	
0.5...4 / 1.5...4	
0.5...4 / 0.5...2.5	
/ (M 3)	
10 / 0.6 x 3.5 mm	

Type	Qty.	Order No.
WMF 2.5 FU BLZ PE SW	50	1162820000
WMF 2.5 FU BLZ PE 10-36V SW	50	1162830000
WMF 2.5 FU BLZ PE 100-250V SW	50	1162860000

Type	Qty.	Order No.
ZQV 2.5N/2 GE	24 A 60	1693800000
ZQV 2.5N/10 GE	24 A 20	1693880000
AP WMF2.5	50	1142990000
WEW 35/1	50	1059000000
SDS 0.6X3.5X100	1	2749340000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
FUCR SW	10	1167630000
FUCR 10-36V SW	10	1167640000
FUCR 100-250V SW	10	1167680000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Signal marshalling Accessories

BLZP 5.08HC/./90



The BLZP is the functional extension of the BLZ series. The "P" in the part name stands for a plus in security and performance in processing and use.

- **WIRE READY** – delivered with terminal points already opened
- Power tools can be used with the globally compatible plus/minus screw head
- Folded steel clamping yoke accommodates the connected wire and compensates for temperature fluctuations
- The integrated wire guard prevents dangerous under-insertion of the wire from occurring

Product data

IEC: 400 V / 23 A / 0.2 - 4 mm²
UL: 300 V / 20 A / AWG 26 - 12



For additional articles and information, refer to catalog.weidmueller.com

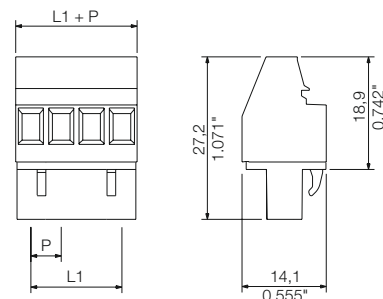
Note:

- Additional colours on request
- Gold-plated contact surfaces on request
- Rated current related to rated cross-section & min. No. of poles.
- Wire end ferrule without plastic collar to DIN 46228/1
- Wire end ferrule with plastic collar to DIN 46228/4
- P on drawing = pitch
- Rated data refer only to the component itself. Clearance and creepage distances to other components are to be designed in accordance with the relevant application standards.
- Long term storage of the product with average temperature of 50 °C and average humidity 70%, 36 months

BLZP 5.08HC/./90



Dimensioned drawing



Technical data

In compliance with IEC 60664-1 / IEC 61984

Clamping range, max.	mm ²	0.13...4
Solid core H05(07) V-U	mm ²	0.2...4
Stranded H07 V-R		
Flexible H05(07) V-K	mm ²	0.2...4
Flexible with ferrule	mm ²	0.2...4
Ferrule with plastic collar	mm ²	0.2...2.5
Stripping length	mm	7
Screwdriver blade	mm	0.6 x 3.5, PH 1, PZ 1

According to norm

Tightening torque range			
Rated current, max.	A	23	21
At ambient temperature		20°C	40°C
For conductor cross-section	mm ²	4	
Overvoltage category		III	II
Pollution severity		3	2
Rated voltage	V	250	320
Rated impulse voltage	kV	4	4

UL / CUL (Use Group)

Rated voltage	V	300	300
Rated current	A	20	10

AWG conductor

AWG conductor	AWG	26-12	
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CSA (Use Group)

Rated voltage	V	300	50	300
Rated current	A	20	20	
AWG conductor	AWG	30-12		

General data

Type of insulation material		PBT
UL 94 flammability rating		V-0
Contact base material		Copper alloy
Material of contact surface		tinned
Pin dimensions = d	mm	
Solder eyelet Ø = D	mm	
Solder eyelet Ø tolerance	mm	

Accessories

Note: Refer to the Accessories chapter for additional accessories.

Coding	Order No.
BLZ/SL KO OR BX	1573010000
BLZ/SL KO BK BX	1545710000
Screwdriver	
SDS 0.6X3.5X100	9008330000
SDIS 0.6X3.5X100	9008390000
SDK PH1	9008480000
SDK PZ1	9008530000

Ordering data

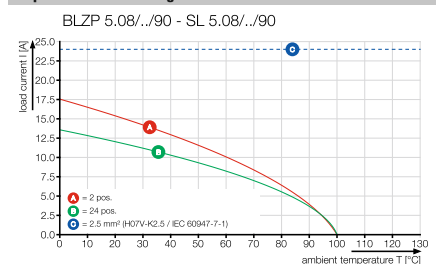
Solder pin length

Colour **orange**

Pitch 5.08 mm

Pol.	L1	(inch)	Qty.	Order No.
2	5.08	0.200	180	1948000000
3	10.16	0.400	120	1948010000
4	15.24	0.600	90	1948020000
5	20.32	0.800	72	1948030000
6	25.40	1.000	60	1948040000
7	30.48	1.200	48	1948050000
8	35.56	1.400	42	1948060000
9	40.64	1.600	36	1948070000
10	45.72	1.800	36	1948080000
11	50.80	2.000	30	1948100000
12	55.88	2.200	30	1948110000
13	60.96	2.400	24	1948120000
14	66.04	2.600	24	1948130000
15	71.12	2.800	24	1948140000
16	76.20	3.000	18	1948150000
17	81.28	3.200	18	1948160000
18	86.36	3.400	18	1948170000
19	91.44	3.600	18	1948180000
20	96.52	3.800	18	1948190000
21	101.60	4.000	12	1948200000
22	106.68	4.200	12	1948210000
23	111.76	4.400	12	1948220000
24	116.84	4.600	12	1948230000

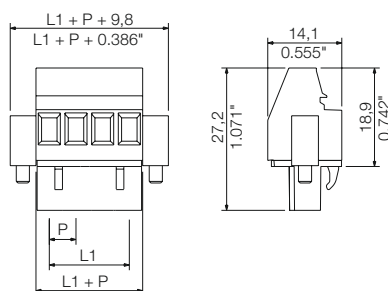
Representative deratings curve



BLZP 5.08HC../90F



Dimensioned drawing



Ordering data

Solder pin length					
Colour					
orange					
Pitch 5.08 mm					
Pol.	L1	(inch)	Qty.	Order No.	
2	5.08	0.200	90	1949800000	
3	10.16	0.400	72	1949810000	
4	15.24	0.600	60	1949820000	
5	20.32	0.800	48	1949830000	
6	25.40	1.000	42	1949840000	
7	30.48	1.200	36	1949850000	
8	35.56	1.400	36	1949860000	
9	40.64	1.600	30	1949870000	
10	45.72	1.800	30	1949880000	
11	50.80	2.000	24	1949890000	
12	55.88	2.200	24	1949900000	
13	60.96	2.400	24	1949910000	
14	66.04	2.600	18	1949920000	
15	71.12	2.800	18	1949930000	
16	76.20	3.000	18	1949940000	
17	81.28	3.200	18	1949950000	
18	86.36	3.400	18	1949960000	
19	91.44	3.600	12	1949970000	
20	96.52	3.800	12	1949980000	
21	101.60	4.000	12	1949990000	
22	106.68	4.200	12	1950010000	
23	111.76	4.400	12	1950020000	
24	116.84	4.600	12	1950030000	

The 2-in-1 contact

Every pluggable connector covers two contact points and thus must meet two different requirements: First, the wire termination and second, the connection between plug and pin header. Referring to the 5.0x pitch series, Weidmüller offers different wire connection technologies, but one platform contact for the male / female connection since years. This well-designed hybride platform contact ensures a constant quality on a very high level.

Hybride means, that we combine metal material featuring different characteristics by welding, in order to devide the contact system into different function zones: Further to the high electric conductance, the current bar is characterized by its hardness, and the tulip contact by its excellent tension properties. The advantage: each function is supported by the most suitable material to reliably and constantly meet the different electrical and mechanical requirements. To put it in a nutshell: Instead of either ... or, it 's even both - perfect for the current, and perfect for the force.



Signal marshalling
Accessories

IL WMF 2.5 BLZ OR



Ordering data
Note

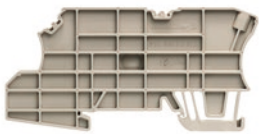
Type	Qty.	Order No.
IL WMF2.5 BLZ OR	50	1167440000

WAD WMF 2.5



Type	Qty.	Order No.
WAD WMF2.5	50	1142970000

WBB WMF 2.5 BLZ



Type	Qty.	Order No.
WBB WMF2.5 BLZ	10	1142980000

AP WMF 2.5



Ordering data
Note

Type	Qty.	Order No.
AP WMF2.5	50	1142990000

FUCR SW



Type	Qty.	Order No.
FUCR 10-36V SW	10	1167640000

B

Support plates and end plates

PAP PRV/PPV4



Ordering data
Blue
grey
Black
Note

Type	Qty.	Order No.
PAP PRV/PPV4 BL	10	1268010000
PAP PRV/PPV4 GR	10	1211450000
PAP PRV/PPV4 SW	10	1173750000

PAP PRV/PPV8



Type	Qty.	Order No.
PAP PRV/PPV8 GR	10	1211460000
PAP PRV/PPV8 SW	10	1173720000



Safe, error-free plant operation

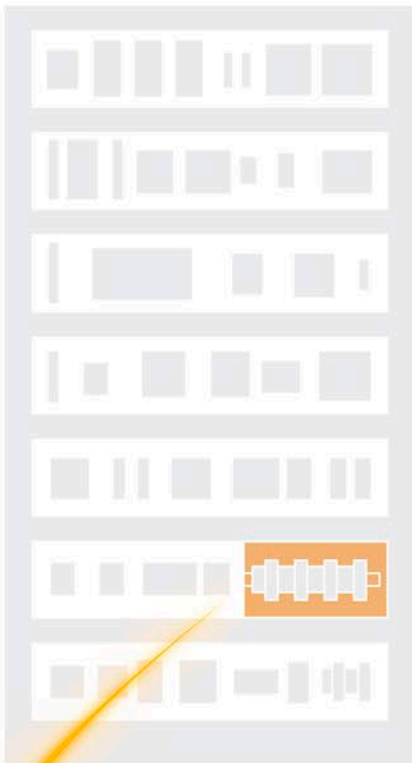
Efficient shielding and earthing with Klippon® Connect



The safety and availability of plants must be guaranteed at all times. Careful planning and installation of safety functions play a particularly important role. For personnel protection, we offer a wide range of PE terminal blocks in different connection technologies. With our wide range of KLBÜ shield connections, you can achieve flexible and self-adjusting shield contacting and ensure error-free plant operation.

Our promise

Klippon® Connect reliably guarantees the protection of personnel and machines and increases plant availability. You can improve your productivity and benefit from more efficient planning and increased safety during installation and operation.



B



Safety

- The spring system on the shield connection compensates for temperature-related diameter deviation of the cable
- Reliable protection against transient overvoltage and electromagnetic fields
- Consistent contact pressure thanks to spring effect

Space saving

- Complete range for conductor diameters from 2 to 37 mm to meet all space requirements
- Perfect shielding thanks to comprehensive accessories

Flexibility

- Flexible mounting options
- Flexible adaptation to cable diameters

Time saving

- Clear, simple installation without auxiliary tools
- The right solution for every installation situation

Our range**Shielding:**

Our complete range of KLBÜ shield connections, KHLA shield clamping saddles, SH 4C shield rail holders and KLBÜ RC shielding brackets allows simple and efficient installation of safe shielding systems.

Protective earth (PE):

We offer a wide range of green/yellow terminal blocks in screw connection, tension clamp and PUSH IN designs.

Potential equalisation:

Our JB 25–50 and EBB 25–50/16 potential equalisation terminal blocks allow you to achieve reliably integrated potential equalisation, even in extended systems.



Entry:

Electromagnetic Compatibility

The term Electromagnetic Compatibility (EMC) describes the ability of electrical equipment to function faultlessly in an electromagnetically-loaded environment, e.g. in an industrial plant, without influencing the environment. The consequences of an inadequate EMC can range from disturbances in normal use to damage or destruction of equipment with the added risks of economic damage and/or personal injury.

Interference sources

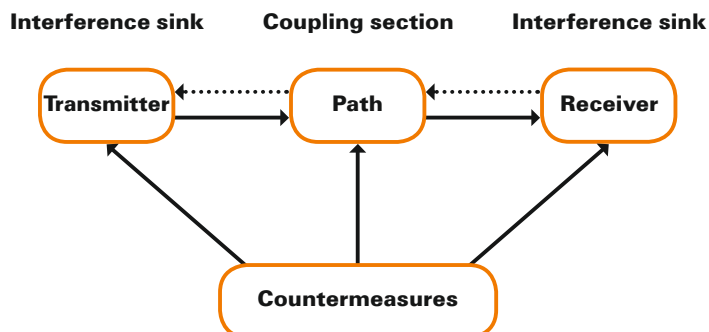
Sources of interference exist in many forms. But the common feature of all interference sources is the emission of electronic or magnetic energy, which influences electrical equipment and prevents fault-free operation. A distinction is made between natural sources of interference such as atmospheric discharge or electrostatic discharge and artificial sources of interference such as radio (intentional) or frequency converters (unintentional).

Interference sinks

Interference sinks encompass electrical equipment that can be influenced by sources of interference. Electromagnetic pulses can cause equipment to be disturbed, damaged or destroyed. Other consequences could be the total failure of a piece of equipment, or a system with economic or material damage, or even personal injury.

Coupling

Coupling is the transmission of electrical energy from one electric circuit to another.



Actions:

Measures to improve electromagnetic compatibility

In order to guarantee EMC, the interference mechanisms must first be known. In addition to natural sources of interference such as lightning, there are also so-called coupling mechanisms. Here is an overview of the different coupling mechanisms as well as some measures for EMC optimisation.

Coupling mechanisms:

Galvanic coupling

Coupling of two circuits via a common current path.

Capacitive (electrical) coupling

Coupling of two circuits via an alternating electric field (mainly in the high-frequency range).

Inductive (magnetic) coupling

Coupling of two circuits via an alternating magnetic field (mainly in the low-frequency range).

Radiation coupling (electromagnetic coupling)

Emission of wave fields with electric and magnetic field strength.

Measures for EMC optimisation:

The most frequently used and sensible countermeasures to improve EMC are the use of twisted or shielded cables.

Use of shielded cables

The task of an electromagnetic screen is to close its internally generated electromagnetic field and prevent it from propagating or to create a space free of external fields..

The interference to be expected determines the shield connection

In order to suppress electric fields, a one-sided grounding of the shield is necessary. To suppress an alternating magnetic field, the shield must be grounded on both sides. However, if the shield is connected on both sides, a ground loop occurs, which in turn has disadvantages. The useful signal is influenced in particular by interference along the reference potential and thus a deterioration occurs. In this case, triaxial cables can help by connecting the inner shield on one side and the outer shield on both sides. A capacitor is often connected to the reference potential on one side to reduce such interference. This interrupts the earth loop for direct currents or low-frequency currents.

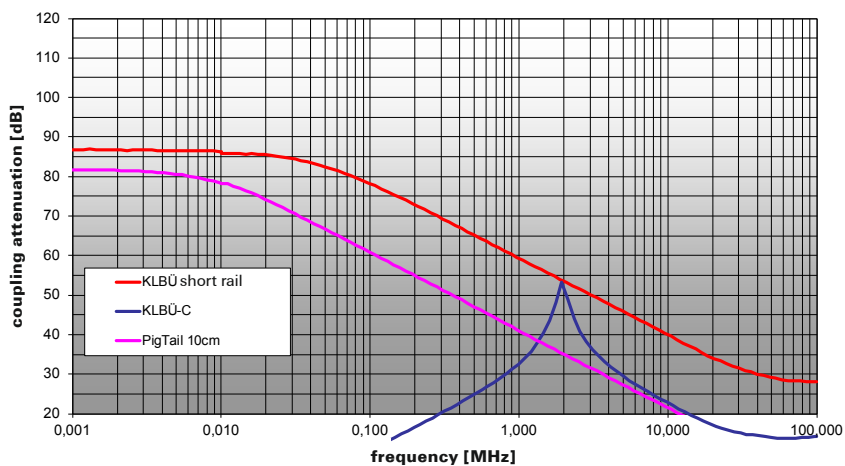
Implementation of shielding in practice

With the KLBUE, Weidmueller has developed a versatile product designed to reduce EMV in plants and equipment. to improve machines.



Hands-on part: Shielding examples

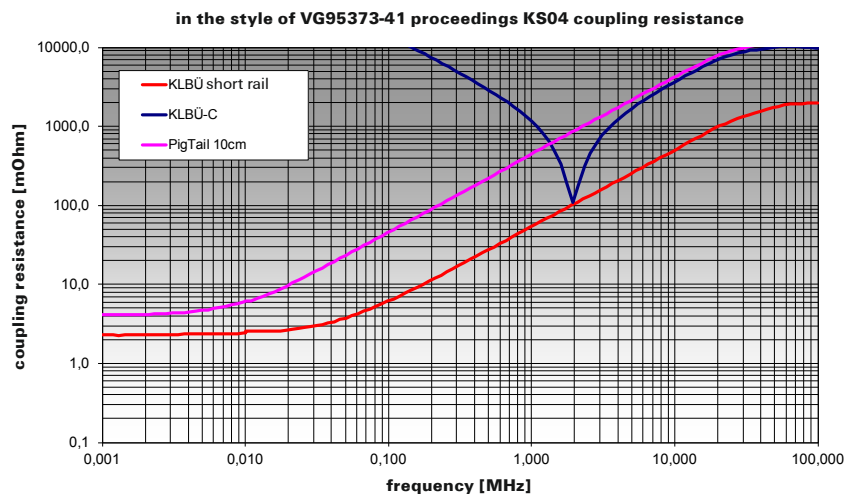
in the style of VG95373-41 proceedings KS04 coupling attenuation



The diagram opposite shows coupling attenuation over frequency. A Weidmueller-KLBUE is mounted on a short rail achieving a 17.5 dB higher shielding attenuation compared to the shield connected as a pig tail. This results in much better EMC. This diagram also shows the frequency response of the KLBUE with an integrated capacitor circuit. The KLBUE has a very specific window where it works best. The coupling attenuation is continuously reduced by the legal frequency response

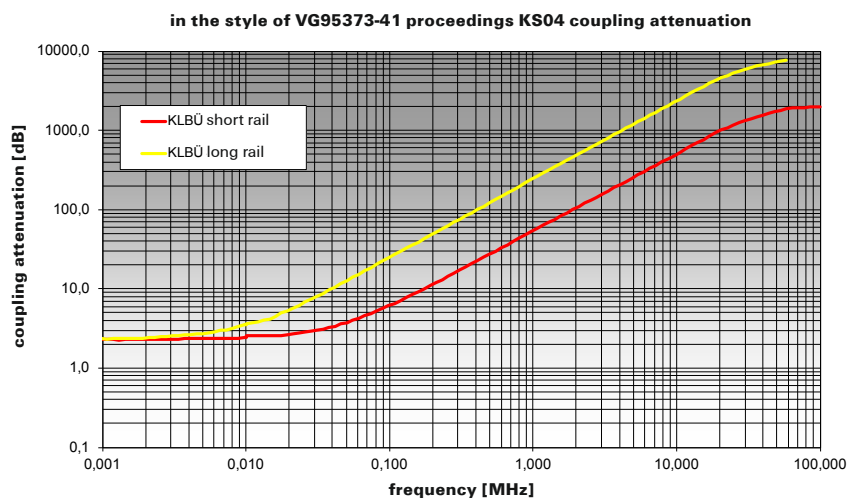
B





In this diagram, coupling resistance over frequency is shown. It demonstrates how the coupling resistance behaves in a totally opposite manner compared to coupling attenuation over the frequency.

B



In these diagram the busbar on which some KLBUE s are mounted should be as short as possible. This results in a lower impedance, which results in a lower coupling resistance. This leads to a better EMC.



Short busbar



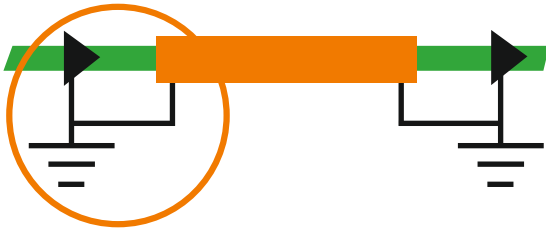
Long busbar



Schematic representation

Different contacting possibilities of the cable screen

Shielding on both sides



To protect against possible interference effects alternating magnetic field is bilateral Hang up unavoidable. This does mean a risk of ground loops forming. However cable shields and steel conduits should be grounded on both sides, despite the risk, as todays EMC regulations require this. In the same way, shields of two-sided signal conductors should be grounded on both sides.

One sided shielding



If shielding is to be used to protect against electrical fields, it is advisable to ground on one side only. Shields of analogue signal conductors should, for example, be connected at one end.

B

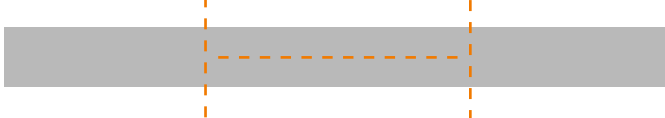


Stripping tool for shielded cables

With the Weidmüller AM 16 stripping tool, it is very easy to disconnect the insulation of a conductor and then apply the shield. The insulation can be cut at any point on the conductor. The insulation of the conductor is first separated over the circumference. Then the tool is pulled lengthwise over the conductor and so the insulation is cut off. Finally, the insulation is cut at the other end over the circumference. The illustration shows the resulting pattern.

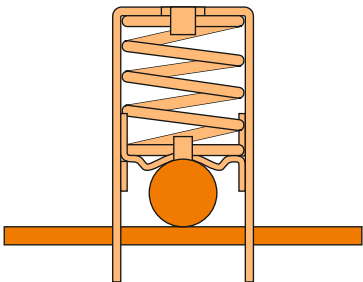
www.weidmueller.com

Pattern

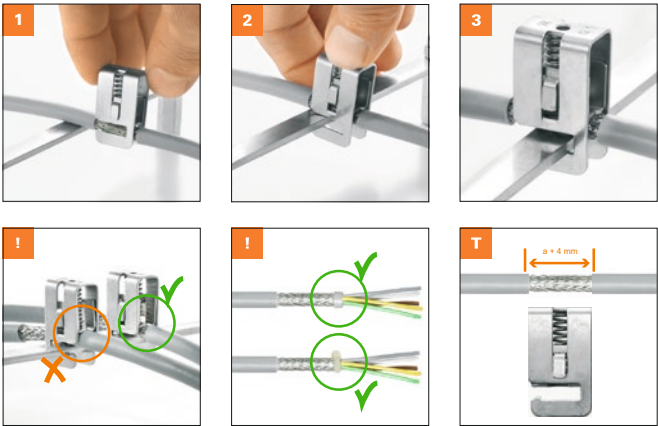


Shield connection terminals KLBUE

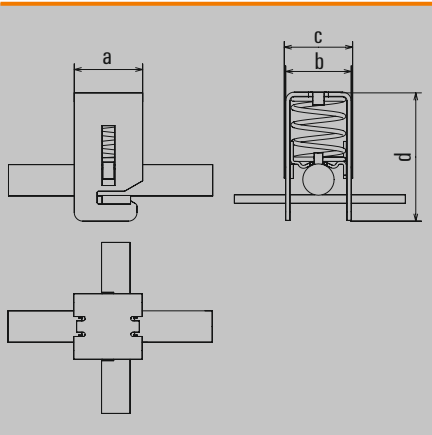
Cable attached to the busbar from above



KLBÜ CO 1 KLBÜ CO 2 KLBÜ CO 3 KLBÜ CO 4 KLBÜ CO 5



KLBUE CO



Ordering data

Type	for cable diameters	Dimensions (a x b x c x d) mm	Qty.	Order No.
Clamping bracket				
KLBUE CO 1	3...10 mm	18 / 12 / 13.2 / 32	10	1753311001
KLBUE CO 2	4...15 mm	18 / 20 / 21.1 / 41.6	10	1752131001
KLBUE CO 3	10...20 mm	25 / 23 / 24 / 45	10	1749151001
KLBUE CO 4	15...28 mm	32 / 31 / 25 / 56	10	1749161001
KLBUE CO 5	20...37 mm	35.5 / 40 / 42.7 / 64.5	10	1755081001

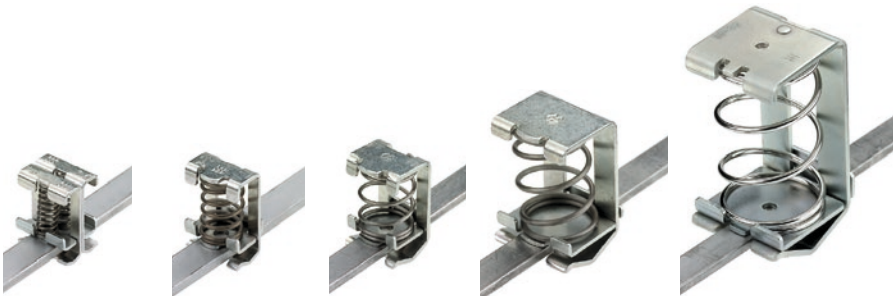
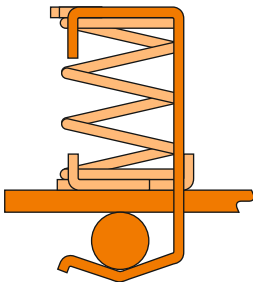
Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	0348900000

Note

Shielding and earthing
Shield clamping saddle

Shield connection terminals KLBUE

Cable attached to the busbar from below



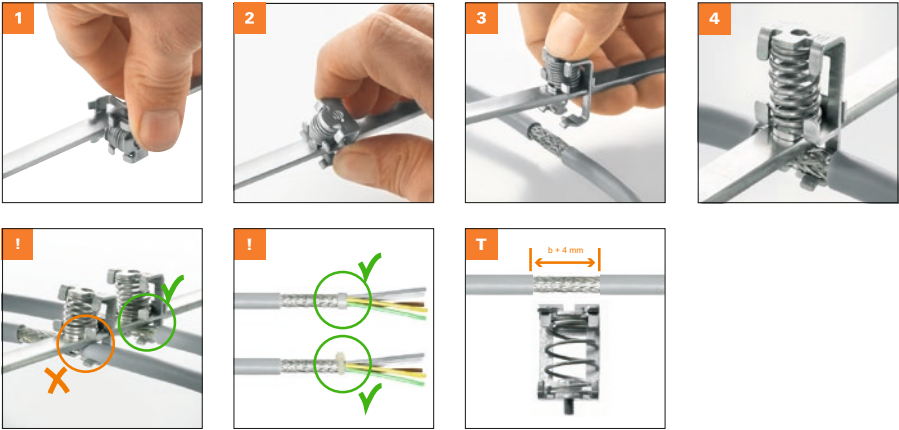
KLBÜ 2 x 2-6

KLBÜ 3-8

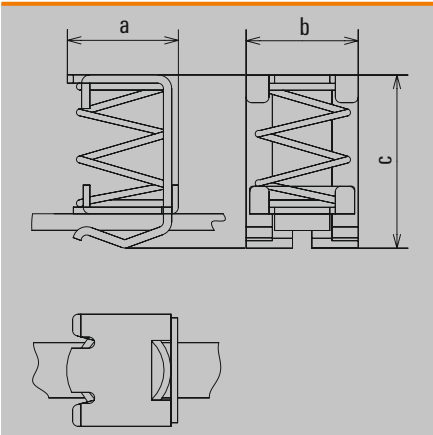
KLBÜ 4-13.5

KLBÜ 10-20

KLBÜ 15-32



KLBUE



Ordering data

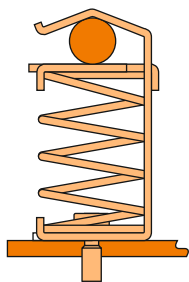
Type	for cable diameters	Dimensions (a x b x c) mm	Qty.	Order No.
Clamping bracket				
KLBUE 2X2-6	2...6 mm	15 / 18 / 24	10	1675350000
KLBUE 3-8	3...8 mm	14.5 / 18.5 / 26	10	1600480000
KLBUE 4-13.5	4...13.5 mm	20.5 / 22 / 31.5	10	1592810000
KLBUE 10-20	10...20 mm	24 / 26 / 40	10	1600490000
KLBUE 15-32	15...32 mm	33.5 / 32 / 64	10	1716300000

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	0348900000

Note

Shield connection terminals KLBUE

Cable attached on the mounting plate from above



SCH-1-WB



KLBÜ 3-8 SC



KLBÜ 4-13,5 SC

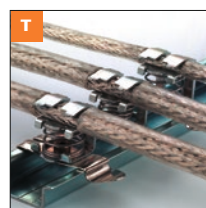
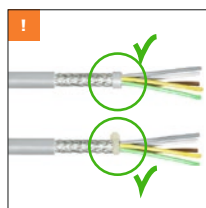
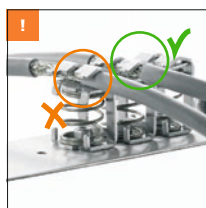
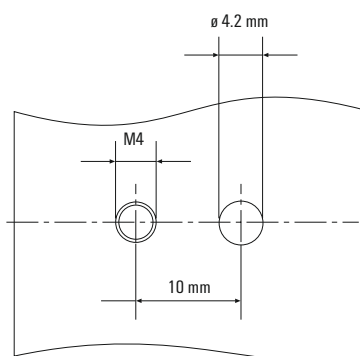


KLBÜ 10-20 SC

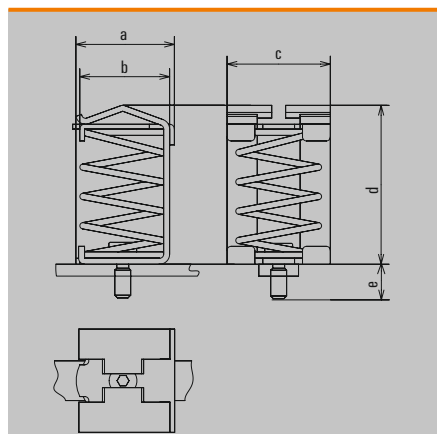


KLBÜ 15-32 SC

Drilling template KLBÜ 15-32 SC



KLBUE SC



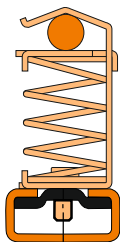
Ordering data

Type	for cable diameters	Length of thread	Dimensions (a x b x c x d) mm	Qty.	Order No.
Clamping bracket					
KLBUE 3-8 SC	3...8 mm	5.65 mm	14.5 / / 18.5 / 26	10	1692261001
KLBUE 4-13.5 SC	4...13.5 mm	5.3 mm	20.1 / / 22 / 31.45	10	1712311001
KLBUE 10-20 SC	10...20 mm	5.3 mm	23.6 / / 26 / 40	10	1712321001
KLBUE 15-32 SC	15...32 mm	4.8 mm	33.25 / / 32 / 63.9	10	1718341001

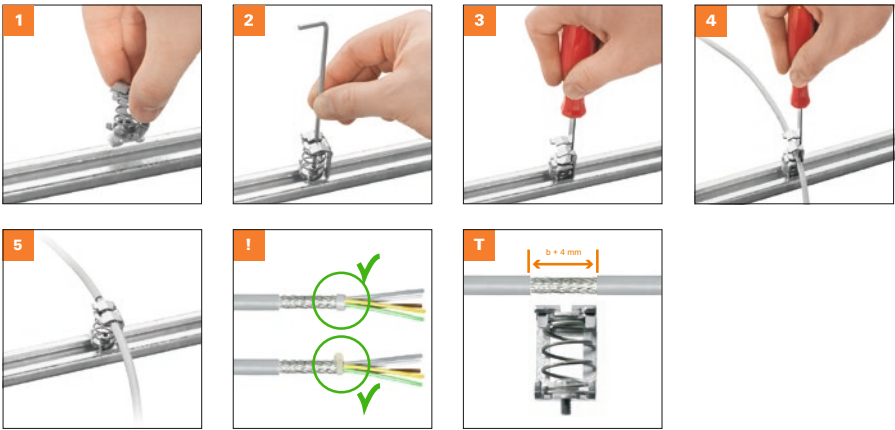
Note

Shielding and earthing
Shield clamping saddle

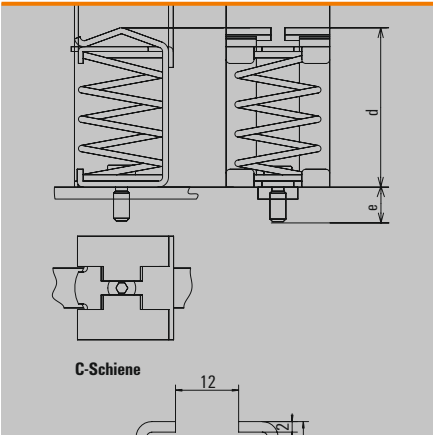
Shield connection terminals KLBUE



KLBÜ 3-8 CPF KLBÜ 4-13,5 CPF KLBÜ 10-20 CPF KLBÜ 15-32 CPF



KLBUE CPF



Ordering data

Type	for cable diameters	Dimensions (a x b x c x d) mm	Qty.	Order No.
Type for 12 mm profile				
KLBUE 3-8 CPF	3...8 mm	14.5 / 13.5 / 18 / 26	10	1752681001
KLBUE 4-13.5 CPF	4...13.5 mm	20.5 / 19 / 22 / 31.5	10	1752691001
KLBUE 10-20 CPF	10...20 mm	24 / 22.5 / 26 / 39.5	10	1752701001
KLBUE 15-32 CPF	15...32 mm	33.5 / / 32 / 64	10	1752711001

Note

Clamping bracket holder

FM 4 foot



KLBÜ SC-type clamping brackets
(see previous page)
are screwed on to the **FM 4** foot



KLBÜ 4-13.5 FM4

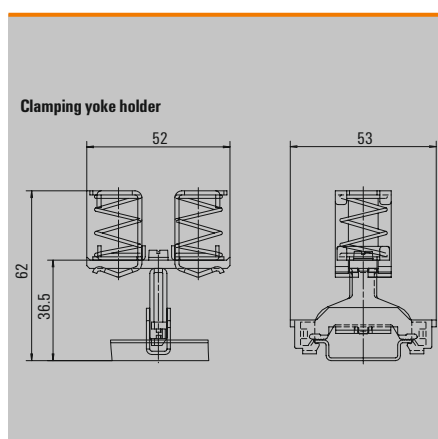
Clamping bracket holder



BS 35 II (without KLBÜ)

BS 35 II / KLBÜ 3-8

BS 35 II / KLBÜ 3-8 / 2 x 2-6



Ordering data

Type	for cable diameters	Qty.	Order No.
Clamping bracket fitted with FM 4 foot			
KLBUE 3-8 FM4	3...8 mm	10	1252530000
KLBUE 4-13.5 FM4	4...13.5 mm	10	1252520000
KLBUE 10-20 FM4	10...20 mm	10	1252510000
KLBUE 15-32 FM4	15...32 mm	10	1252490000
Clamping bracket holder			
BS 35II KLBUE HOLDER		10	1723800000
BS 35II KLBUE3-8	3...8 mm	10	1723810000
BS 35II/KLBUE 4-13.5	4...13.5 mm	10	1723820000
BS 35II KLBUE3-8/2X2-6	3...8 mm	10	1749430000
BS 35II KLBUE2X3-8/2X2-6	3...8 mm	10	1768020000

Note



Shielding and earthing
Shield clamping saddle

Shielding solutions for direct connection

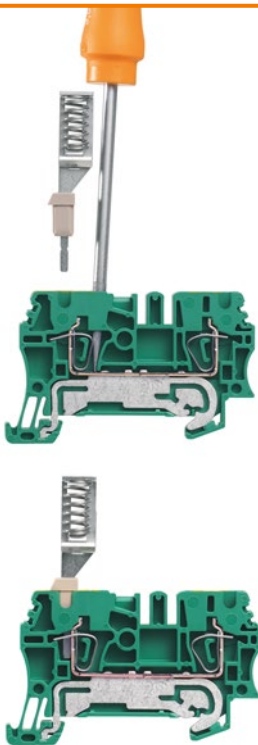


KLBÜ 4-6 Z/1



EMC-Set

B



Ordering data

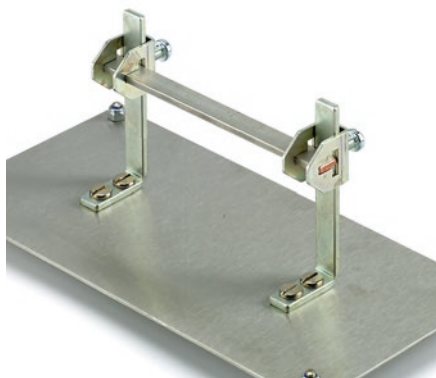
Type	for cable diameters	Qty.	Order No.
Type for 12 mm profile			
KLBUE 4-6 Z/1	4...6 mm	10	2269800000

Type	Qty.	Order No.
EMC-TIE	1	1067490000

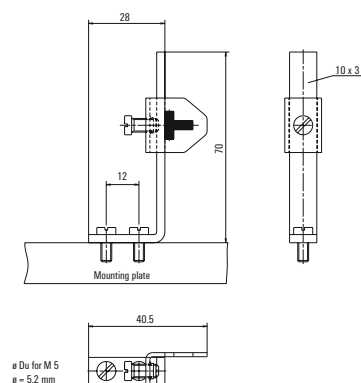
Note suitable for Z series 2.5 mm²

Rail support / Spacer

Rail support



- Set (WSH 4 MT) comprising:
- 1 busbar angle
 - 1 busbar connector (BFEH 1 / WSH)



Spacer



M6 outer and inner threads
(in 15 mm, 20 mm and 30 mm lengths)



WSH 4 MT / SP

Ordering data

Type	Length	Qty.	Order No.
Busbar support			
WSH 4 MT		10	1079900000
SH 4C		10	1340870000
Spacer			
SP M6 15 MSZN		2	3896100000
SP M6 20 MSZN		2	3896200000
SP M6 30 MSZN		2	3896300000

Note

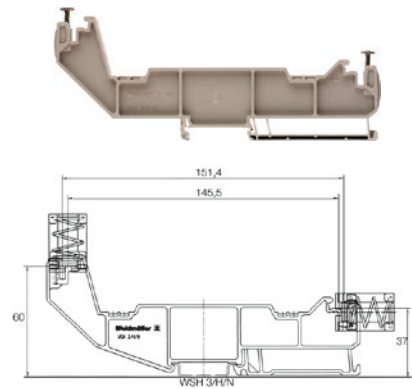


Shielding and earthing
Shield clamping saddle

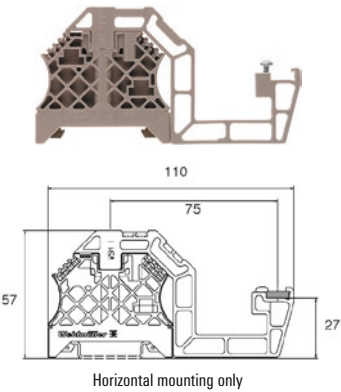
Rail support

Isolated mounting on TS 35

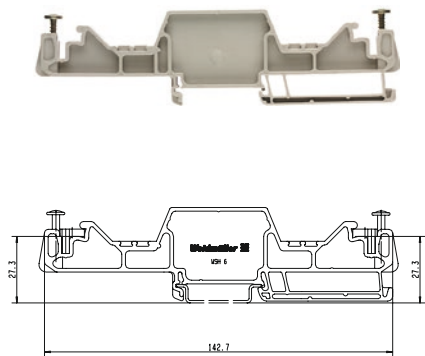
Type WSH 1



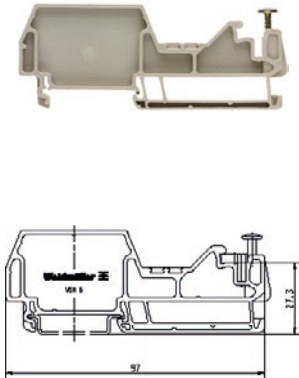
Type WSH 3/H/N



Type WSH 5



Type WSH 6



WSH

Ordering data

Type	Width	Qty.	Order No.
Rail support			
WSH 1	8 mm	10	1068700000
WSH 3/H/N	8 mm	10	1715970000
WSH 5	8 mm	10	1080100000
WSH 6	8 mm	10	1080200000

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	0348900000

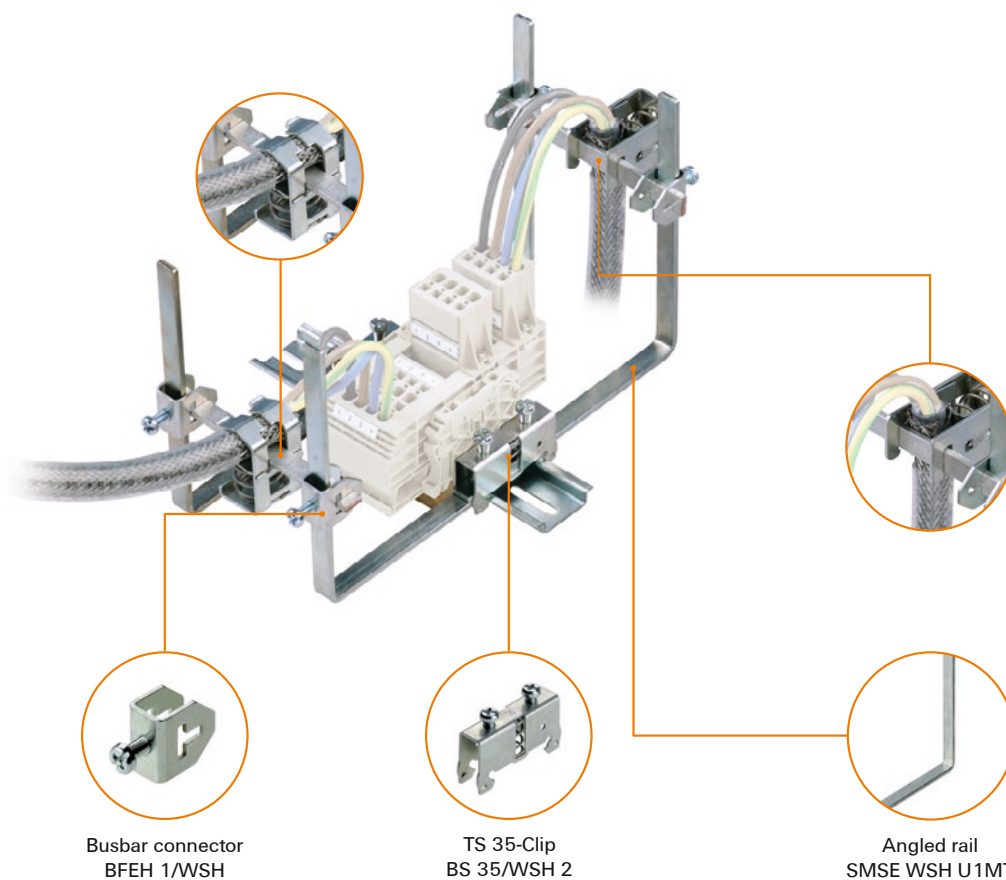
Note

Rail support

Conductive mounting on TS 35

TS 35 clip

BS 35/WSH 2



WSH

Ordering data

Type	Dimensions (H x W x D) mm	Qty.	Order No.
TS 35 clip			
BS 35/WSH 2	52 / 13 / 37	10	1760720000
Busbar connector			
BFEH 1/WSH	20 / 13.5 / 31	10	1082400000
Angled rail			
SMSE WSH U1 MT	134 / 10 / 134	10	1083900000
SMSE WSH 135/60 MT	123.5 / 10 / 3	10	1246990000
Rail support sets			
WSH 18 MT		10	1083100000
WSH 19 MT		10	1083200000

Type	Length	Material	Qty.	Order No.
Busbar 10 x 3 (140 A)				
SSCH 10X3X1000 CU/SN		Copper	1	0348900000

Note

Shielding and earthing
Shield clamping saddle

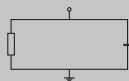
KLBUE 10-20 RC TS 27

Clamping bracket



Width/Height/Depth mm

39.6 x 67.5 x 63.6

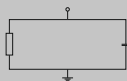


KLBUE 4-13.5 RC TS 27

Clamping bracket



37.5 x 67.5 x 55.6



Technical data

Rated data
Rated voltage
Conductors to be clamped:
Cable diameter, min.
Cable diameter, max.
General data
Continuous operating temp., min.
Continuous operating temp., max.
UL 94 flammability rating
Colour
Material
Component 1
Component 2
Installation advice
Note

230 V AC
10 mm
20 mm
-25
105
V-0
black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting
Note

230 V AC
4 mm
13.5 mm
-25
105
V-0
black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting
Note

Ordering data

Version
for shield connection with high pass
Note

Type	Qty.	Order No.
KLBUE 10-20 RC TS27	1	1403050000

Type	Qty.	Order No.
KLBUE 4-13.5 RC TS27	1	1403060000

Accessories

Terminal rail
Marking tags
Operating tool
Screwdriver
Standard
C-rail

Type	Qty.	Order No.
SM 27/8 K MC NE WS	80	1812630000
BTWZ KLBUE	1	1742630000
SDS 0.6X3.5X100	1	2749340000
TS 27X12.5M/ST/F.ZN	2	1802690000

Type	Qty.	Order No.
SM 27/8 K MC NE WS	80	1812630000
BTWZ KLBUE	1	1742630000
SDS 0.6X3.5X100	1	2749340000
TS 27X12.5M/ST/F.ZN	2	1802690000

For detailed information on other accessories and application in the online catalogue

KLBU 3-8 RC TS 35

Clamping bracket

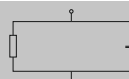

KLBU 3-8 RC TS 27

Clamping bracket

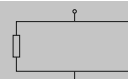


Width/Height/Depth mm

35 x 67.5 x 50



35 x 67.5 x 50


Technical data

Rated data
Rated voltage
Conductors to be clamped:
Cable diameter, min.
Cable diameter, max.
General data
Continuous operating temp., min.
Continuous operating temp., max.
UL 94 flammability rating
Colour
Material
Component 1
Component 2
Installation advice

230 V AC
3 mm
8 mm
-25
105
V-0
black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting

230 V AC
3 mm
8 mm
-25
105
V-0
black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting

Note
Ordering data

Version
for shield connection with high pass
Note

Type	Qty.	Order No.
KLBU 3-8 RC TS35	1	1402830000

Type	Qty.	Order No.
KLBU 3-8 RC TS27	1	1403070000

Accessories

Terminal rail
Marking tags
Operating tool
Screwdriver
Standard
C-rail

Type	Qty.	Order No.
TS 35X7.5 2M/ST/ZN	2	0383400000
TS 35X7.5/LL 2M/ST/ZN	2	0514500000
TS 35X15/LL 2M/ST/ZN	2	0236500000
SM 27/8 K MC NE WS	80	1812630000
BTWZ KLBU	1	1742630000
SDS 0.6X3.5X100	1	2749340000

Type	Qty.	Order No.
SM 27/8 K MC NE WS	80	1812630000
BTWZ KLBU	1	1742630000
SDS 0.6X3.5X100	1	2749340000
TS 27X12.5M/ST/F.ZN	2	1802690000

For detailed information on other accessories and application in the online catalogue

Shielding and earthing
Shield clamping saddle

B

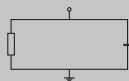
KLBUE 10-20 RC TS 35

Clamping bracket



Width/Height/Depth mm

39.6 x 67.5 x 63.6

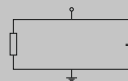


KLBUE 4-13.5 RC TS 35

Clamping bracket



37.5 x 67.5 x 55.6



Technical data

Rated data
Rated voltage
Conductors to be clamped:
Cable diameter, min.
Cable diameter, max.
General data
Continuous operating temp., min.
Continuous operating temp., max.
UL 94 flammability rating
Colour
Material
Component 1
Component 2
Installation advice
Note

230 V AC
10 mm
20 mm
-25
105
V-0
black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting
Note

230 V AC
4 mm
13.5 mm
-25
105
V-0
black, Silver grey
PA 66 GF 30
Resistance 1 MΩ
Capacitor 100 nF
Direct mounting
Note

Ordering data

Version
for shield connection with high pass
Note

Type	Qty.	Order No.
KLBUE 10-20 RC TS35	1	1403080000

Type	Qty.	Order No.
KLBUE 4-13.5 RC TS35	1	1403090000

Accessories

Terminal rail
Marking tags
Operating tool
Screwdriver
Standard
C-rail

Type	Qty.	Order No.
TS 35X7.5 2M/ST/ZN	2	0383400000
TS 35X7.5/LL 2M/ST/ZN	2	0514500000
TS 35X15/LL 2M/ST/ZN	2	0236500000
SM 27/8 K MC NE WS	80	1812630000
BTWZ KLBUE	1	1742630000
SDS 0.6X3.5X100	1	2749340000

Type	Qty.	Order No.
TS 35X7.5 2M/ST/ZN	2	0383400000
TS 35X7.5/LL 2M/ST/ZN	2	0514500000
TS 35X15/LL 2M/ST/ZN	2	0236500000
SM 27/8 K MC NE WS	80	1812630000
BTWZ KLBUE	1	1742630000
SDS 0.6X3.5X100	1	2749340000

For detailed information on other accessories and application in the online catalogue



Equipotential bonding

General principles

Advancements in technology means that, electrical installations in buildings and industrial plants are becoming increasingly extensive and demanding. Furthermore, the application of high-frequency, complex industrial systems grows. In order to guarantee reliability and operational safety, it is necessary to protect machines and systems against overvoltage and electromagnetic coupling. This is achieved by equipotential bonding. The purpose of equipotential bonding is to connect all metallic parts with different potentials to each other so that they have approximately the same potential. In its product portfolio, Weidmüller has developed solutions for equipotential bonding in industrial environments.

B

What is the difference between grounding and Equipotential bonding?

Equipotential bonding

Compensation of different voltages
to a uniform level

Grounding

Connection of a point with that of the Earth

functional equipotential bonding

The functional equipotential bonding is used for
exclusively functional purposes

protective equipotential bonding

An electrical connection is established between
all conductive parts of the system, in order to be
connected to the resulting equipotential bonding
the human being from an electric shock protect



Innovations in equipotential bonding

In cooperation with Weidmüller, market-leading floor trunking manufacturers have developed a new solution with pre-prepared cut-outs for equipotential bonding. This includes the addition of punchable holes to simplify wiring.

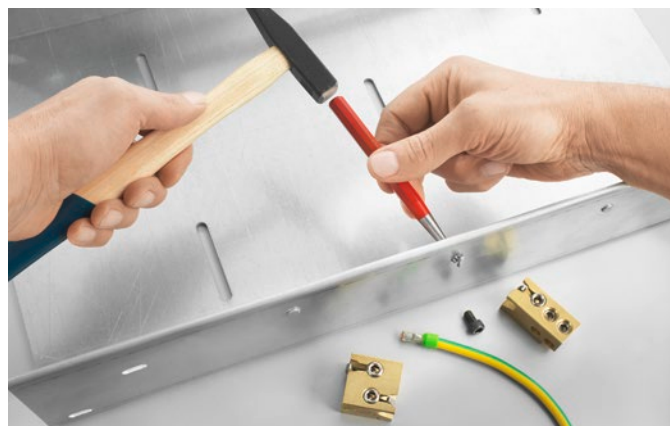
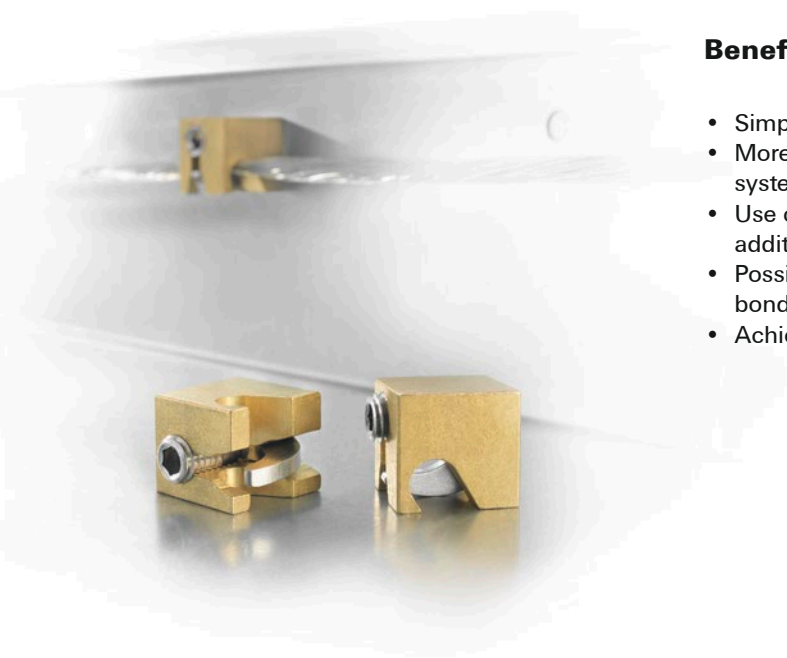
The new small equipotential bonding terminals FB 16-50 offer an efficient solution for fixing conductors of the equipotential bonding to the cable duct. This is particularly interesting for applications where the conductor must be routed through a cable duct over long distances without stubs.

Benefits:

- Simple wiring due to small space requirement
- More cost-effective wiring of the equipotential bonding system
- Use of several product compensation clamps without additional costs
- Possibility of setting up a close-meshed equipotential bonding system
- Achieving low impedance equipotential bonding

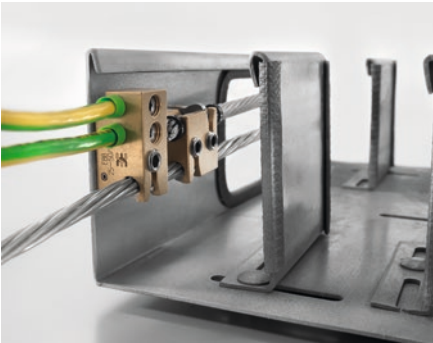
Benefits:

- Easier and more efficient wiring – without drilling
- Punching of holes without special tools
- High flexibility due to small hole spacing of max. 10 cm
- Cleaner working without drilling chips in the floor channel



Shielding and earthing
Potential equalisation terminal block

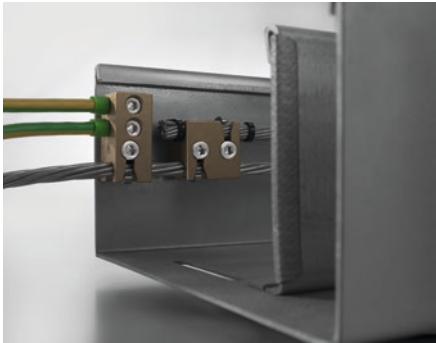
Potential equalisation terminal block



Low installation height



Additional connection up to 16 mm²



Good visibility of the clamping screws

B

Technical data

Connection direction	on side
Tightening torque, min.	5 Nm
Clamping screw	M 6
Connection cross-section, flexible, min. / max.	10...50 mm²

Note

Ordering data

Type	Stripping length	Number of connections	Conductor min. / max.	Qty.	Order No.
Screw connection					
JB 25-50	33	2	10...50	10	1547500000
EBB 25-50/16	20	3	16 / 10...50	10	1547490000

Type	Description of article	Qty.	Order No.
SK WSD-S 1,5-10,0	Screwing tool	1	9008850000

Note



Practical tip

Functional earth terminal blocks

According to the Machinery Directive 2006/42EG, terminal blocks may be white when used for functional earthing. PE terminals with a protective function for life and limb must still be green-yellow, but can also be used for functional earthing. The symbols used are extended in order to clarify the use as a functional earth.

Weidmüller offers white PE terminals from the "A-, W- and Z series" product family for systems in which this distinction should or must be made. The colour of these terminals clearly indicates that the respective circuits are exclusively to provide functional protection for the connected electronic system.

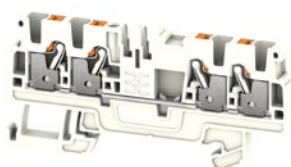
Symbol for functional earth:



Symbol for protection earth:



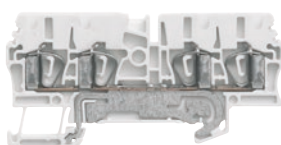
A-Series
with PUSH IN technology



Type	Qty.	Order No.
A2C 2.5 FE	50	2690460000
A4C 2.5 FE	50	2690470000
A2C 4 FE	50	2734150000
A2C 6 FE	50	2734160000
A2C 10 FE	50	2734170000



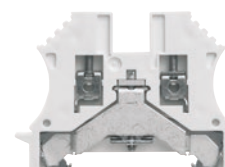
Z-Series
with tension spring technology



Type	Qty.	Order No.
ZPE 2.5/4AN WS	50	1698110000



W-Series
with clamping-yoke technology



Type	Qty.	Order No.
WPE 2.5 WS	100	1010010000

Shielding and earthing

Functional earth – PUSH IN connection



A2C 2.5 FE

2.5 mm²

A4C 2.5 FE

2.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 55 x 36.5	
/ 2.5	
0.14...2.5	

5.1 x 77.5 x 36.5	
/ 2.5	
0.14...2.5	

Technical data

Rated data	
Rated voltage	-
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
	/ 3		
	A3 / V-0		
K124			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
	/ 3		
	A3 / V-0		
K124			
Rated connection			
0.5...2.5 / 0.5...2.5			
0.5...2.5 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			

Note

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Ordering data

Version
white
Note

Type	Qty.	Order No.
A2C 2.5 FE	50	2690460000

Type	Qty.	Order No.
A4C 2.5 FE	50	2690470000

Accessories

End plate
dark beige
End bracket
dark beige, screwable
dark beige, direct mounting
Test adapter
1-pole
stackable
3-pole
5-pole
Test plug
Screwdriver
Standard
Marking tags

Type	Qty.	Order No.
AEP 2C 2.5	50	1514400000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

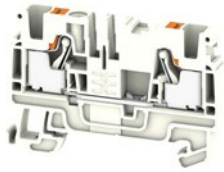
Type	Qty.	Order No.
AEP 2C 2.5	50	1514400000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
DEK 5/5 PLUS MC NE WS	1000	1854490000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000
WS 10/5 M PLUS MC NE WS	600	2003770000

For detailed information on other accessories and application in the online catalogue



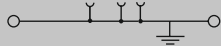
A2C 4 FE

4 mm²



End of
2021

6.1 x 60 x 39.5
/ 4
0.14...4



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
4			
	/ 3		
	A4 / V-0		

Rated connection

0.5...4 / 0.5...4
0.5...4 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

A2C 6 FE

6 mm²



End of
2021

8.1 x 66.5 x 45.5
/ 6
0.34...6



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6			
	/ 3		
	A5 / V-0		

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...6
0.5...1.5
12 / 0.6 x 3.5 mm

A2C 10 FE

10 mm²



End of
2021

10 x 80.5 x 51.5
/ 10
0.5...10



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
10			
	/ 3		
	A6 / V-0		

Rated connection

0.5...10 / 0.5...10
0.5...10 / 0.5...10
0.5...4
18 / 0.6 x 3.5 mm

Type	Qty.	Order No.
A2C 4 FE	50	2734150000

Type	Qty.	Order No.
A2C 6 FE	50	2734160000

Type	Qty.	Order No.
A2C 10 FE	50	2734170000

Type	Qty.	Order No.
AEP 2C 4	50	2051680000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MI-R	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
WS 10/6 M PLUS MC NE WS	600	2003780000
DEK 5/6 MM WS	600	2007120000
WS 8/6 MM WS	600	2007160000
DEK 5/6 PLUS MC NE WS	1000	1011320000

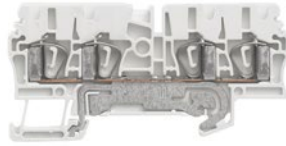
Type	Qty.	Order No.
AEP 2C 6	50	1991970000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MI-R	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
DEK-A 5/8 MM WS	500	2448860000
DEK 5/8 PLUS MC NE WS	800	1046350000
WS-A 8/8 MM WS	500	2448930000
WS 10/8 PLUS MC NE WS	420	1905950000

Type	Qty.	Order No.
AEP 2C 10/16	20	2490380000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000

Shielding and earthing

Functional earth – Tension clamp connection

ZPE 2.5/4AN WS

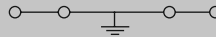
2.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 79.5 x 38.5

/ 4

0.05...4



Technical data

Rated data	
Rated voltage	-
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

IEC	UL	CSA	EN 60079-7
2.5			
	/ 3		
	A3 / V-0		
C €			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			

B

Ordering data

Version
white
Note

Type	Qty.	Order No.
ZPE 2.5/4AN WS	50	1698110000

Accessories

End bracket
dark beige
Test adapter
With spigot
Reducing sleeves
for conductors < 0.5 mm ² / AWG 20
for conductors < 1.0 mm ² / AWG 18
Marking tags
Screwdriver
Standard

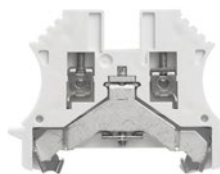
Type	Qty.	Order No.
ZEW 35	20	9540000000
ZTA 1/ZA	9 A 25	1609050000
ZRH 2.5/1 WS	1000	1614300000
ZRH 2.5/2 GR/V0	1000	1614290000
BZT 1 WS 10/5	100	1805490000
BZT 1 ZA WS 10/5	100	1805520000
SDIS SLIM 0.6X3.5X100	1	2749610000

For detailed information on other accessories and application in the online catalogue



WPE 2.5 WS

2.5 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 60 x 46.5
/ 4
0.05...4

Technical data

Rated data	
Rated voltage	-
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-
Note	

IEC	UL	CSA	EN 60079-7
2.5	AWG 26...12	AWG 26...12	
	/ 3		
	A3 / V-0		
C E			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
Note			

Ordering data

Version
white
Note

Type	Qty.	Order No.
WPE 2.5 WS	50	1010010000
Note		

Accessories

End plate / Partition plate
dark beige
End bracket
dark beige
Screwdriver
Standard
Marking tags

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WEW 35/2	50	1061200000
SDS 0.6X3.5X100	1	2749340000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

For detailed information on other accessories and application in the online catalogue

Shielding and earthing

Functional earth – PUSH IN connection

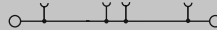


A2C 35 FE

35 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

16 x 101.5 x 71.5

125 / 35**2.5...35**

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	yellow/black
Note	

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	
Cross connections insertable	
	2-pole
	3-pole

For detailed information on other accessories and application in the online catalogue

A2C 35 DM

35 mm²

16 x 135 x 71.5

125 / 35**2.5...35**

IEC 60947-7-1

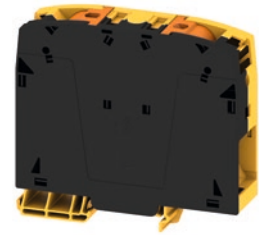
IEC	UL	CSA	EN 60079-7
1000	1000		880
125			105
35	AWG 12...2		35 mm ²
8 kV / 3			
/ V-0			
Rated connection			
2.5...16 / 10...35			
10...35 / 2.5...35			
2.5...10			
25 / 1.0 x 5.5 mm			

Type	Qty.	Order No.
A2C 35 FE DM	10	2552160000

Type	Qty.	Order No.
ZQV 35N/2	125 A 10	2634950000
ZQV 35N-10	57 A 10	2562670000
ZQV 35N-16	76 A 10	2562660000
AAC 35 2X6	42 A 5	2583090000
AAC 35 2X6 BL	42 A 5	2583170000
AAC 35 2X6 BK-YL	42 A 5	2583190000
AAC 35 2X6 GN-YL	5	2583180000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDS 1.0X5.5X150	1	2749380000
AAM 35-185 YE FLASH	40	2635600000
WS-A 8/16 MM WS	200	2619910000



95 mm²



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
232			
95			
	/ 3		
	/ V-0		

CE

Rated connection
25...120 / 25...120
25...120 / 25...95
30 / 1.0 x 5.5 mm

Type	Qty.	Order No.
A2C 95/120 FE	10	2694080000

Type		Qty.	Order No.
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL		5	2663440000
AEB 35 SC/1		50	1991920000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000
ZQV 95/120N/2	232 A	10	2694250000
ZQV 95/120N/3	232 A	10	2694260000

Shielding and earthing

Functional earth – PUSH IN connection



A2C 95/120 FE-DM

95 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

25 x 133.5 x 90

232 / 120**25...120**

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version
yellow/black
Note

Accessories

Plug-in cross-connection	
	2-pole
	2-pole
	2-pole
Additional tap	
	dark beige
	blue
	black/yellow
	green/yellow
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
Test plug	
Screwdriver	
	Standard
Warning labels	
Marking tags	
Cross connections insertable	
	2-pole
	3-pole

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			
232			
95			
	/ 3		
	/ V-0		

C €

Rated connection	
25...120 / 25...120	
25...120 / 25...95	
30 / 1.0 x 5.5 mm	

Type	Qty.	Order No.
A2C 95/120 FE-DM	5	2694170000

Type	Qty.		Order No.
AAC 50-185 2X10	57 A	5	2663420000
AAC 50-185 2X10 BL	57 A	5	2663430000
AAC 50-185 2X10 BK-YL	57 A	5	2663450000
AAC 50-185 2X10 GN-YL		5	2663440000
ATPG 1.5-10 L	0.2 A	50	1991890000
PS 2.0 MC		20	0310000000
SDS 1.0X5.5X150		1	2749380000
AAM 35-185 YE FLASH		40	2635600000
WS-A 8/16 MM WS		200	2619910000
ZQV 95/120N/2	232 A	10	2694250000
ZQV 95/120N/3	232 A	10	2694260000

For detailed information on other accessories and application in the online catalogue



Shielding and earthing

Functional earth – Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

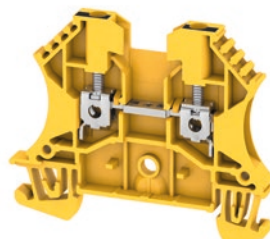
Version	
	yellow/black
Note	

Accessories





Plug-in cross-connection	
	2-pole
	10-pole
	2-pole
	10-pole
Screwable cross-connection	
	2-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
	dark beige
	Blue
End bracket	
	dark beige
Testing / Checking	
	Standard
	With spigot
Cover	
	Blank, yellow
	Blank, white
Marking tags	

WDU 2.5

2.5 mm²



5.1 x 60 x 46.5	
32 / 4	
0.05...4	

IEC 60947-1			
		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
8 kV / 3			
A3 / V-0			
  			
Rated connection		Further connection	
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			
0.5...1.5 / 0.5...1.5			

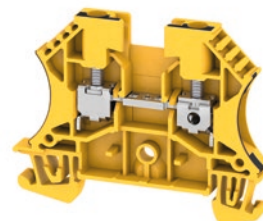
Type	Qty.	Order No.
WDU 2.5 GE/SW	100	2429520000

Type	Qty.	Order No.
ZQV 2.5N/2	24 A 60	1527540000
ZQV 2.5N/10	24 A 20	1527690000
Screwable cross-connection		
WQV 2.5/2	32 A 50	1053660000
WQV 2.5/10	32 A 20	1054460000
End plate / Partition plate		
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
End bracket		
WEW 35/2	50	1061200000
Testing / Checking		
WTA 2 WDU2.5-10	6 A 25	1632320000
WTA 2/ZA WDU2.5-10	6 A 25	1632330000
Cover		
WAD 5 MC NE GE	48	1112920000
WAD 5 MC NE WS	48	1112910000
Marking tags		
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000
DEK 5/5 MM WS	800	2007110000
WS 8/5 MM WS	800	2007150000


For detailed information on other accessories and application in the online catalogue

WDU 4

4 mm²



6.1 x 60 x 46.5	
41 / 6	
0.13...6	

IEC 60947-1		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
800			690
32			32
4			4 mm²
8 kV / 3			
A4 / V-0			
CE CE UK KEMA		DEMKO14ATEX1338U	
Rated connection		Further connection	
0.5...6 / 1.5...6			
0.5...6 / 0.5...4			
/ (M 3)			
10 / 0.6 x 3.5 mm			
0.5...2.5			
0.5...1.5 / 0.5...1.5			
Note max. current of terminal (41 A) when using WQV!			

Type	Qty.	Order No.
WDU 4 GE/SW	100	1020190000

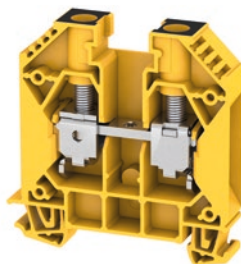
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/10	32 A 20	1528090000
Screwable cross-connection		
WQV 4/2	41 A 50	1051960000
WQV 4/10	41 A 20	1052060000
End plate / Partition plate		
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
End bracket		
WEW 35/2	50	1061200000
Testing / Checking		
WTA 3 WDU4	6 A 25	1632350000
WTA 3/ZA WDU4	6 A 25	1632360000
Cover		
WAD 5 MC NE GE	48	1112920000
WAD 5 MC NE WS	48	1112910000
Marking tags		
DEK 5/6 MM WS	600	2007120000
WS 12/6 MC NE WS	600	1609900000

Socket and test plug refer to W-series Accessories section Only 400 V when using the shielding rail LS 2.8 1056400000.



WDU 16

16 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

11.9 x 60 x 62.5	
101 / 25	
0.82...25	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	mm ²
Note	

Ordering data

Version	
	yellow/black
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Additional connection	
	4mm ²
	10 mm ²
Marking tags	
Testing / Checking	
	Standard

IEC 60947-7-1 Ex eb II C Gb II 2 G D

IEC	UL	CSA	EN 60079-7
1000			690
76			76
16			16 mm ²
8 kV / 3			
B7 / V-0			
CE DEMKO14ATEX1338U			
Rated connection		Further connection	
1.5...16 / 1.5...25			
1.5...25 / 1.5...16			
/ (M 5)			
16 / 1.0 x 5.5 mm			
/ 1.5...6			
1.5...6 / 1.5...6			

Type	Qty.	Order No.
WDU 16 GE/SW	50	2000040000

Type	Qty.	Order No.
WQV 16/2	101 A 50	1053260000
WQV 16/10	101 A 10	1053360000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 M.BL.	50	1055960000
WAD 12 NEUTRAL	50	1056260000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

WDU 16N

16 mm²



12 x 60 x 46.5	
101 / 25	
1.5...25	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
690			600
76			70
16			AWG 14...6
8 kV / 3			
B7 / V-0			
CE			
Rated connection		Further connection	
1.5...16 / 1.5...25			
1.5...16 / 1.5...16			
/ (M 4)			
12 / 1.0 x 5.5 mm			

Type	Qty.	Order No.
WDU 16N GE/SW	50	2000050000

Type	Qty.	Order No.
WQV 16N/2	76 A 50	1636560000
WQV 16N/4	76 A 50	1636580000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 12N GE BED	50	1073200000
WAD 12N WS	50	1073290000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/12 MC NE WS	300	1905970000
WTA 2 WDU2.5-10	6 A 25	1632320000

Shielding and earthing

Functional earth – Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Note	

Ordering data

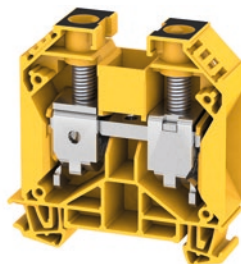
Version	
	yellow/black
Note	

Accessories

Screwable cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
	Blue
End bracket	
	dark beige
Cover	
	With lightning flash symbol
	Blank, white
Additional connection	
	4mm ²
	10 mm ²
Marking tags	
Testing / Checking	
	Standard

WDU 35

35 mm²



16 x 60 x 62.5	
150 / 50	
2.5...50	

IEC 60947-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
1000			690
125			115
35			35 mm ²
8 kV / 3			
B8 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
2.5...16 / 2.5...50			
2.5...35 / 2.5...35			
/ (M 6)			
18 / 6.5 x 1.2 mm			

Type	Qty.	Order No.
WDU 35 GE/SW	40	2000060000

Type	Qty.	Order No.
WQV 35/2	138 A	50
		1053060000
WQV 35/10	112 A	10
		1053160000
WAP 16+35 WTW 2.5-10	20	1050100000
WAP 16+35 WTW 2.5-10 BL	20	1050180000
WEW 35/1	50	1059000000
WAD 12 M.BL.	50	1055960000
WAD 12 NEUTRAL	50	1056260000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WDU 35N

35 mm²



16 x 66 x 50.5	
150 / 50	
2.5...50	

IEC 60947-1			
Ex eb II C Gb II 2 G D			
IEC	UL	CSA	EN 60079-7
500			352
125			110
35			35 mm ²
6 kV / 3			
B8 / V-0			
DEMKO14ATEX1338U			
Rated connection		Further connection	
2.5...16 / 2.5...50			
2.5...35 / 2.5...35			
/ (M 6)			
18 / 6.5 x 1.2 mm			

Type	Qty.	Order No.
WDU 35N GE/SW	20	2000090000

Type	Qty.	Order No.
WQV 35N/2	125 A	20
		1079200000
WQV 35N/4	125 A	20
		1079400000
WTW EN	20	1058800000
WEW 35/2	50	1061200000
WAD 16N GE BED	50	1083600000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue

WDU 50N

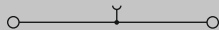
50 mm²



18.5 x 70 x 69.6

192 / 70

10...70



Ex eb II

C Gb



II 2 G D

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
1000			690
150			126
50			50 mm ²

8 kV / 3

B10 / V-0

CE

DEMKD14ATEX1338U

Rated connection	Further connection
6...16 / 6...70	
10...50	
/ (M 6)	
24 / S4 (DIN 6911)	

Type	Qty.	Order No.
WDU 50N GE/SW	10	2000080000

Type	Qty.	Order No.
WQV 50N/2	150 A	5 1834060000
WQV 50N/3	150 A	5 1834070000
WQV 50N/4	150 A	5 1834080000

WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000

WZAD 50N	41 A	5 1872720000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000



Shielding and earthing

Functional earth – Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-
2 conductors with same cross-section (H05V/H07V)	
Solid / Stranded	-
Flexible / Flexible with ferrule	-
Note	

Ordering data

Version	
	yellow/black
Note	

Accessories





Screwable cross-connection	
	2-pole
	3-pole
	4-pole
End bracket	
	dark beige
Cover	
	With lightning flash symbol
Additional connection	
	10 mm ²
Marking tags	

WDU 70N/35

70 mm²



20.5 x 75 x 85	
232 / 95	
16...95	

IEC 60947-7-1			
		Ex eb II C Gb	 II 2 G D
IEC	UL	CSA	EN 60079-7
1000	600		690
192	150		184
70	AWG 6...0		70 mm²
8 kV / 3			
B11 / V-0			
® C   		DEMKO14ATEX1338U	
Rated connection		Further connection	
16...16 / 16...95			
16...70 / 16...50			
/ (M 8)			
22 / S6 (DIN 6911)			

Type	Qty.	Order No.
WDU 70N/35 GE/SW	10	2000100000






Type	Qty.	Order No.
WQV 70N/2	192 A 5	9512240000
WQV 70N/3	192 A 5	9512250000
WQV 70N/4	192 A 5	9531290000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 70N	41 A 5	1964830000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

WDU 95N/120N

120 mm²



27 x 91 x 90	
290 / 150	
16...150	

IEC 60947-7-1			
Ex eb II C Gb  II 2 G D			
IEC	UL	CSA	EN 60079-7
1000			880
269			221
120			120 mm²
8 kV / 3			
B13 / V-0			
CE     DEMKO14ATEX1338U			
Rated connection		Further connection	
16...16 / 16...150			
16...120			
/ (M 10)			
27 / S6 (DIN 6911)			

Type	Qty.	Order No.
WDU 95N/120N GE/SW	5	2000110000

Type	Qty.	Order No.
WQV 95N/120N/2	269 A 5	1826890000
WQV 95N/120N/3	269 A 5	1826900000
WQV 95N/120N/4	269 A 5	1826910000
WEW 35/1	50	1059000000
WAD 20 GE WSD	10	9512260000
WZAD 95N/120N	41 A 5	1859580000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/6.5 MC NE WS	540	1609920000

For detailed information on other accessories and application in the online catalogue



Shielding and earthing

Earth conductor disconnect terminals – Tension clamp connection

ZTR 6-2 E

6 mm²

Operation mode

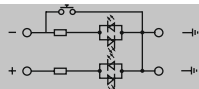


Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

16.2 x 70 x 50

20 / 10

0.05...10



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige, 230 V UC
	dark beige, 24 V DC
Note	

Accessories

End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Test adapter	
	With spigot
Screwdriver	
	Standard

IEC	UL	CSA	EN 60079-7
230	300		
20	25		
6	AWG 22...8		
8 kV / 3			
A5 / V-0			



Rated connection

0.5...10 / 0.5...6
0.5...6 / 0.5...6

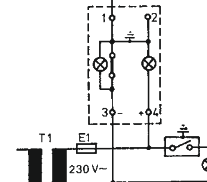
12 / 0.6 x 3.5 mm

Type	Qty.	Order No.
ZTR 6-2 E / 230V UC	10	8817930000
ZTR 6-2 E / 24V UC	10	8817920000

Type	Qty.	Order No.
ZAP ZDU6-2	50	1771440000
ZEW 35	20	9540000000
ZTA 7/ZA	9 A 25	1780670000
SDIS 0.6X3.5X100	1	2749810000

Operating mode

ZTR6-2 E

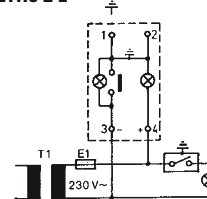


- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

Test position

When measuring insulation resistance with voltages greater than U_{Nom} , the earth connection must first be disconnected.

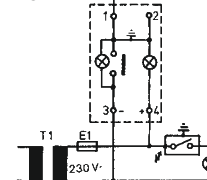
ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom} , the earth connection must be disconnected.

Operational malfunction

ZTR6-2 E



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

For detailed information on other accessories and application in the online catalogue

WTR 35 E

35 mm²

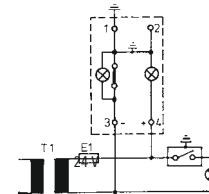
Operation mode



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

32 x 100 x 67.5	
125 / 35	
4...35	

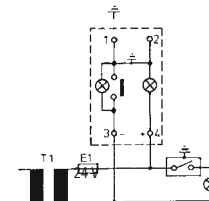
Operating mode



- Slide link is closed
- Auxiliary circuit is **earthed**
- Display is illuminated green

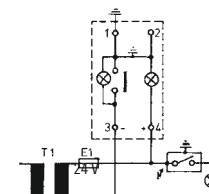
Test position

When measuring insulation resistance with voltages greater than U_{Nom} , the earth connection must first be disconnected.



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **No** earth fault
- Display illuminated green and red with reduced intensity
- Disconnected earth connection -> When measuring insulation resistance with voltages greater than U_{Nom} , the earth connection must be disconnected.

Operational malfunction



- Slide link is opened
- Auxiliary circuit is **not earthed**
- **Earth fault**
- Display is illuminated red

Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	dark beige, 24 V DC
Note	

Accessories

End bracket	dark beige
Screwdriver	Standard
Marking tags	

IEC	UL	CSA	EN 60079-7
125			
35			
	0.8 kV / 3		
	B9 / V-0		
Rated connection			
4...16 / 10...35			
4...35 / 4...35			
/ (M 6)			
18 / 1.2 x 6.5 mm			

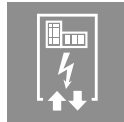
Type	Qty.	Order No.
WTR 35 E	5	1045970000

Type	Qty.	Order No.
WEW 35/1	50	1059000000
SDS 1.2X6.5X150	1	2749390000
WS 12/6 MC NE WS	600	1609900000

For detailed information on other accessories and application in the online catalogue

Compact planning, structured wiring

Klippon® Connect makes your installation wiring more effective

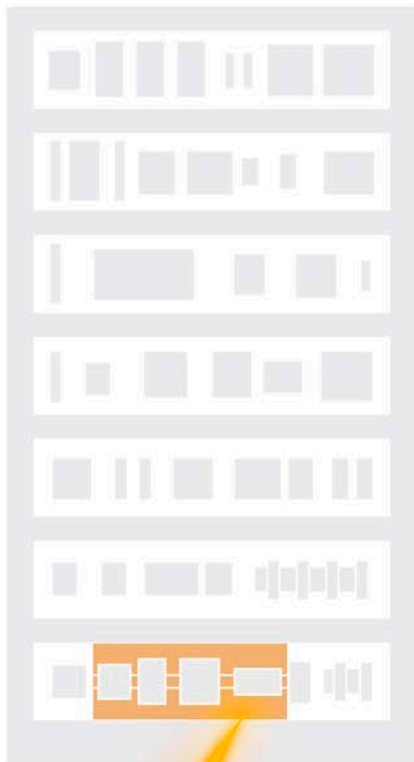


Installation wiring poses particular challenges in terms of the design of terminal blocks. The solutions need to be both economical and compact. Simple handling and clarity also need to be guaranteed. Installation distribution and small distributors offer little space for wiring. Our terminal blocks for building installations meet all requirements here. For example, the PUSH IN technology allows a particularly compact design while retaining its clarity, thus enabling simple and safe wiring of your building infrastructure.

Our promise

Our terminal blocks open up added-value options when it comes to wiring your building infrastructure. Thanks to the wide product range and the comfortable handling of the PUSH IN terminal blocks, Klippon® Connect helps improve flexibility and efficiency even from the planning phase.

B



Time saving

- Simple configuration and ordering of terminal strips using the Weidmüller Configurator
- More flexibility: it is simple to replace the PDL PUSH IN terminal blocks in the group
- Innovative screwless N-slider

Space saving

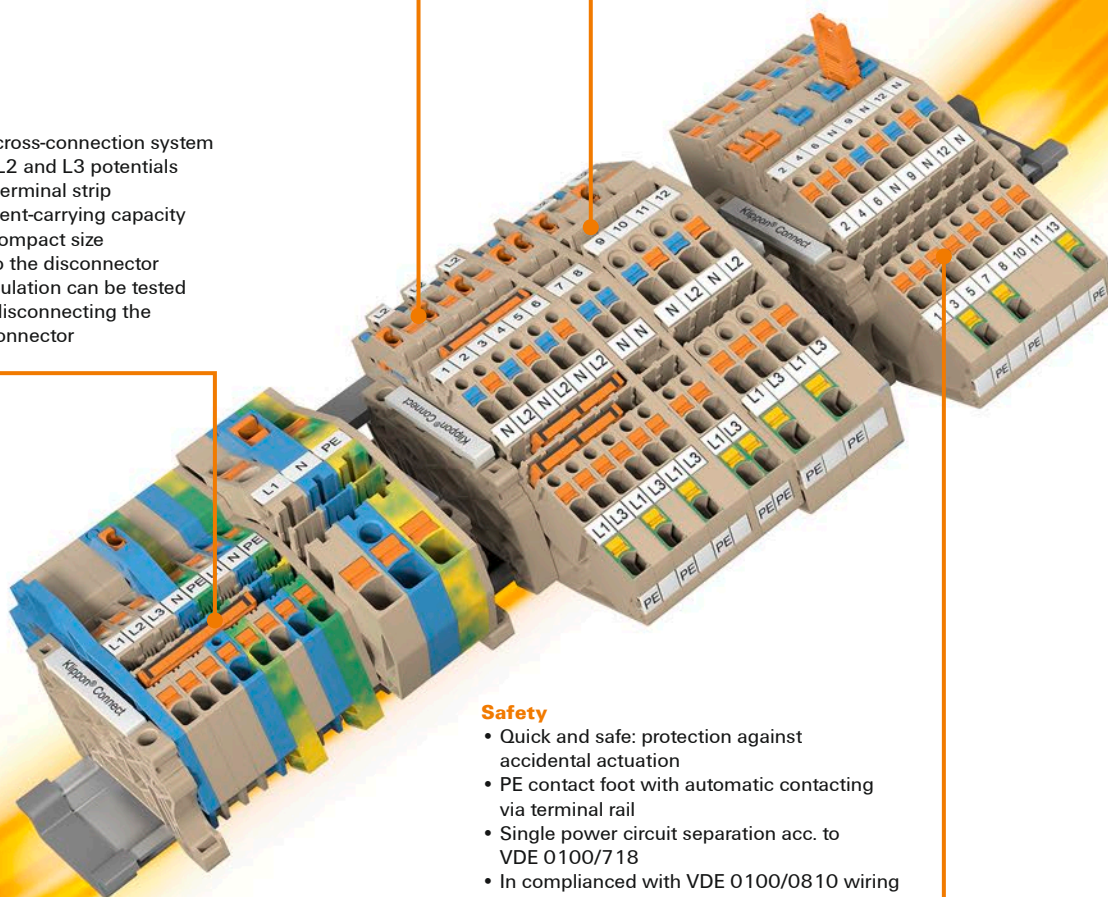
- Really compact design of PUSH IN terminal blocks
- Neutral busbars for all terminals at the same level
- Double cross-connection channel despite compact design

Flexibility

- 3-phase cross-connection system with L1, L2 and L3 potentials within a terminal strip
- High current-carrying capacity despite compact size
- Thanks to the disconnecter slider, insulation can be tested without disconnecting the neutral connector

Safety

- Quick and safe: protection against accidental actuation
- PE contact foot with automatic contacting via terminal rail
- Single power circuit separation acc. to VDE 0100/718
- In compliance with VDE 0100/0810 wiring and connection requirements for distribution systems in public buildings

**Our range****The right solution for every requirement:**

For building installation, we offer a perfectly tailored overall system based on 10×3 copper rails. These consist of installation, distribution and neutral conductor terminals in various connection technologies and an extensive range of accessories.

More effective wiring with PUSH IN:

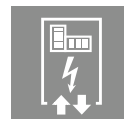
Our PUSH IN terminal blocks for building and plant installation are impressively easy to handle and very flexible. This comprehensive range covers all the important terminal block functions and offers you significant benefits in all processes. You will benefit from reduced installation times, as well as increased performance data and clarity, thanks to the compact design.



Klippon® Connect AITB building installation wiring terminal blocks

Get real added value for your building installations

A large number of standards and regulations govern the building industry. As a result, high safety standards must be met for electrical installations. These standards also apply to a wide range of components that have to be integrated into complex control cabinets in a confined space.



Our new AITB modular terminal block system was specially developed to meet the specific requirements and safety regulations for wiring in building installations. Special features of the series ensure real added value in planning, installation and operation on site.

B

Combination of different connection techniques

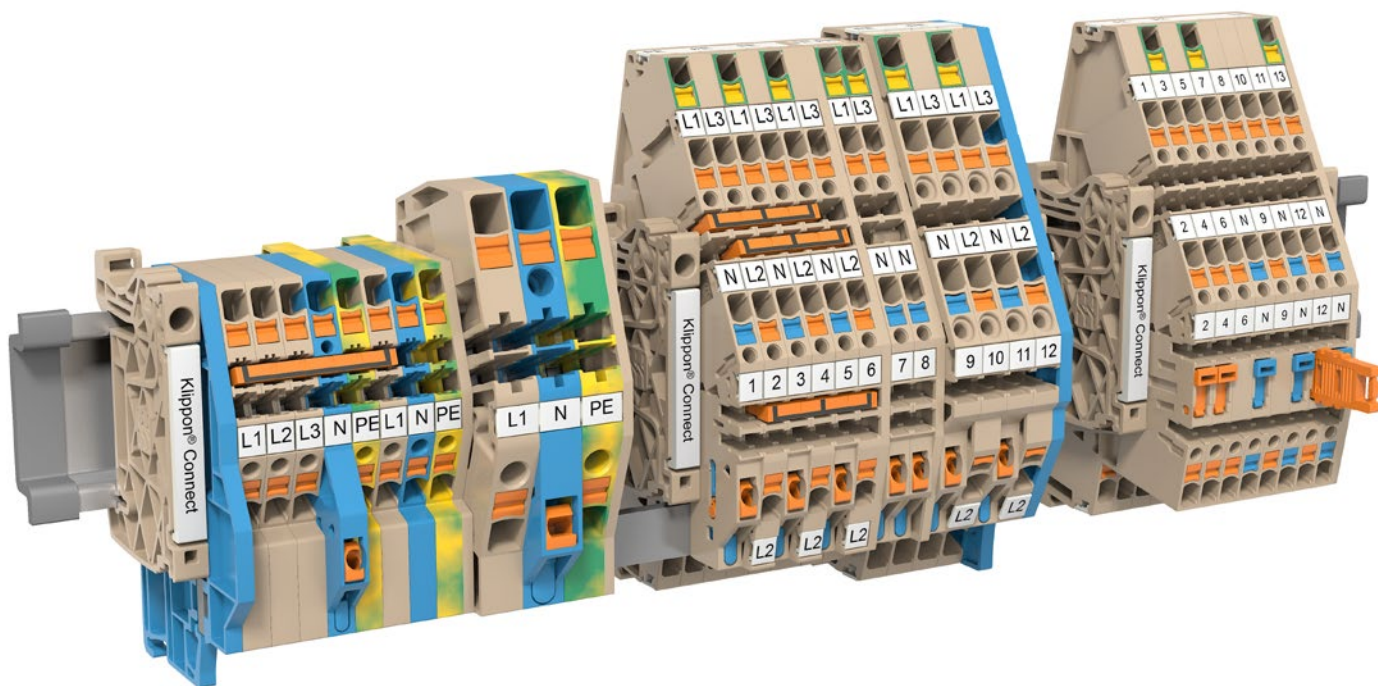
A uniform busbar position enables the combination of different terminal block products and connection technologies in one complete system. For large cross-sections – e.g. N conductors – the side screw terminal connection is available. Terminal blocks with convenient PUSH IN connection technology are used to collect and distribute potentials.



Safe disconnection of the neutral conductor

The neutral conductor can be separated from the busbar quickly and easily with a screwdriver. A clearly visible status display indicates the current contact position of the disconnecting slide. This reliably prevents operating errors.





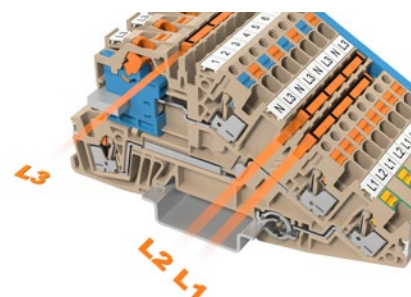
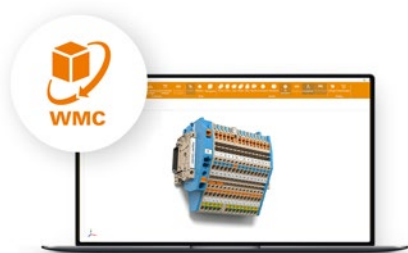
B

Digital assembly in the WMC

In the Weidmüller Configurator (WMC) you can digitally plan, assemble, and directly order complete terminal rails – including accessories. You can also create complete parts lists and installation instructions for production. In this way, failures can be avoided and costs can be saved.

Flexible cross-connection options

The continuous cross-connection channels of our modular terminal blocks AITB increase flexibility and save wiring time. Structures in the 400 V three-phase system can be cross-connected easily and conveniently with the phase conductors L1, L2, and L3.

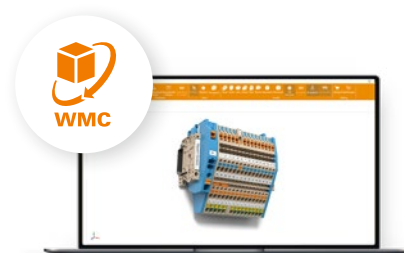


Plan, install, and operate optimally

Planning – with perfect support

Digital assembly in the WMC

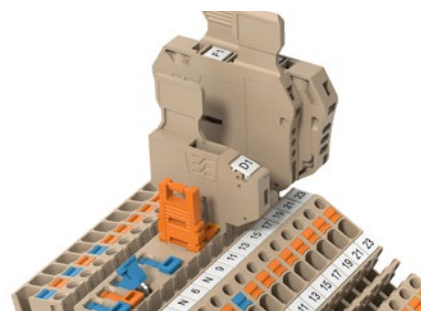
In the Weidmüller Configurator (WMC) you can digitally plan, assemble, and directly order complete terminal rails – including accessories. You can also create complete parts lists and installation instructions for production. In this way, failures can be avoided and costs can be saved.



B

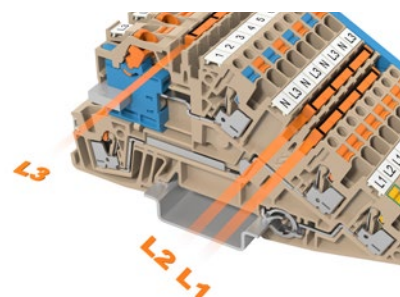
Flexible cross-connection options

The continuous cross-connection channels of our modular terminal blocks AITB increase flexibility and save wiring time. Structures in the 400 V three-phase system can be cross-connected easily and conveniently with the phase conductors L1, L2, and L3.



Flexible Querverbindungsmöglichkeiten

Die durchgängigen Querverbindungskanäle unserer Installationsreihenklempen AITB erhöhen die Flexibilität und sparen Verdrahtungszeit. Aufbauten im 400-V-Drehstromnetz lassen sich mit den Außenleitern L1, L2 und L3 einfach und komfortabel querverbinden.



Standard-compliant safety

Our modular terminal blocks AITB are regularly inspected by independent test centres to ensure maximum product safety within the switchgear. This is immediately shown by the corresponding test marks on the products and product labels.

VDE

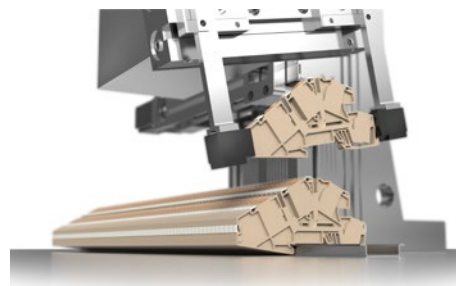


Plan, install, and operate optimally

Installation – simple, fast, and safe

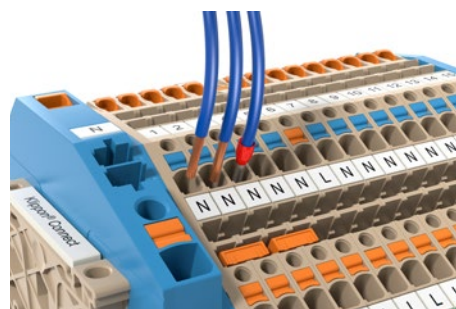
Ready to robot

Our modular terminal blocks AITB already support robot-assisted assembly, marking, and wiring. So you are optimally prepared for the advancing partial automation in control cabinet construction.



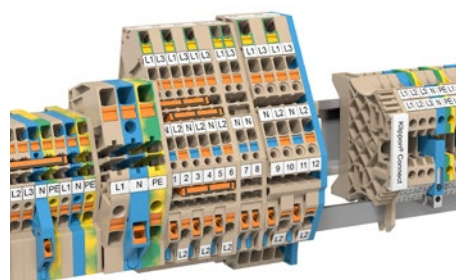
Convenient PUSH IN technology

NYM cables and other solid conductors are simply pushed into the clamping point after stripping to create a reliable connection. Even fine-stranded conductors can be connected by simply pressing the coloured pusher. No special tools required!



Combination of different connection techniques

A uniform busbar position enables the combination of different terminal block products and connection technologies in one complete system. For large cross-sections – e.g. N conductors – the side screw terminal connection is available. Terminal blocks with convenient PUSH IN connection technology are used to collect and distribute potentials.



Clearly distinguishable functional areas

The different functional areas can be clearly distinguished by shape or colour. For example, conductor connection, cross-connections, and test hole can be clearly identified. Installation and maintenance work can be carried out quickly and without errors.

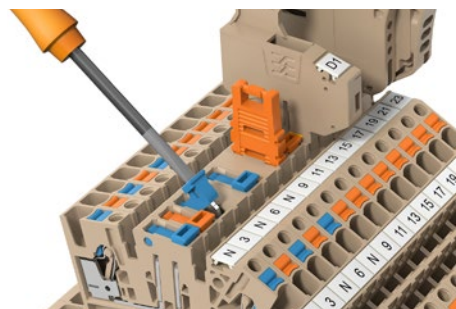


Plan, install, and operate optimally

Operation – norm-compliant and safe

FI/LS circuits

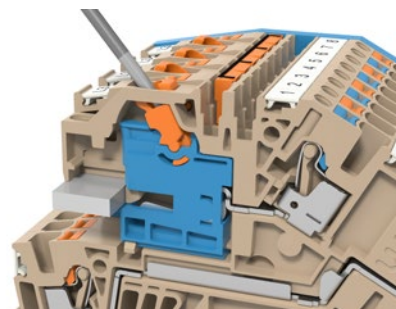
If many FI/LS circuits are used in an installation, each N potential can be routed and separated via the individual isolator. This enables measuring the insulation resistance of all conductors to earth, as required by VDE 0100-718 and DIN VDE 0100-482, without disconnecting the neutral conductor.



B

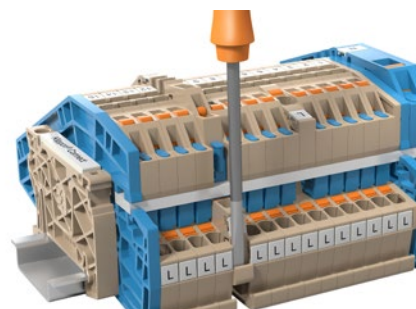
Safe disconnection of the neutral conductor

The neutral conductor can be separated from the busbar quickly and easily with a screwdriver. A clearly visible status display indicates the current contact position of the disconnecting slide. This reliably prevents operating errors.



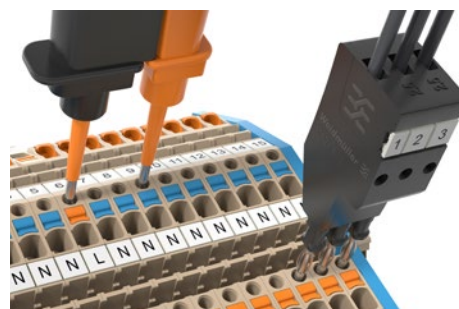
Quick assembly and disassembly

AITB modular terminals can be mounted and dismantled quickly and easily – even in combination. This also applies if a busbar with modular terminal blocks AITB of the A-Series is already integrated into the system. This speeds up maintenance work and components can be retrofitted or replaced in a minimum of time.



Simple standardised system tests

With modular terminal blocks AITB, no conductive components can be reached with voltage testers when wired. This makes operation safer, but also hinders the use of test probes. In order to carry out the required measurements, standardised test holes with a practical snap-in mechanism have been integrated. Once the test probes are snapped in, the test report can be filled out while the measurement is in progress.



Easily meet growing safety standards

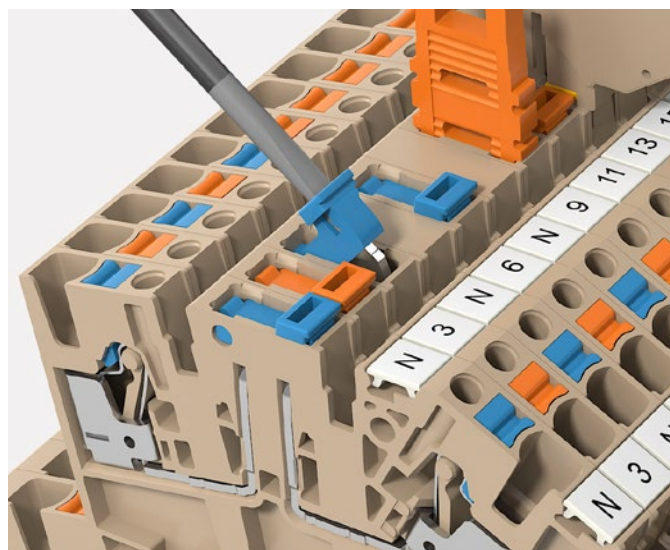
Standardised measurements in electrical switchgear

High safety requirements and standards in building technology protect the people who live and work in a building. For this purpose, there are numerous standards covering every component in the entire system, no matter how small. These norms and standards also increase the safety requirements for all electrical systems and their components – for example, the terminal block system that acts as the interface between the electrical system and the building.

Measurement of insulation resistance

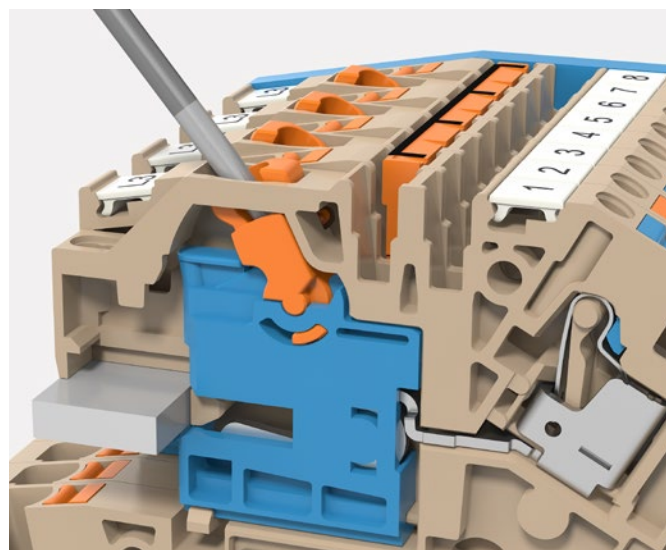
When planning and installing control cabinets in buildings, the opening and closing of circuits is one of the normative requirements. Depending on the number of circuit groups within an object, the separation can be carried out via a standard disconnecter or a disconnecting slide. The required measurement of the insulation resistance of all conductors to earth must be carried out without disconnecting the neutral conductor in accordance with VDE 0100-718 and DIN VDE 0100-482. In smaller circuits with few current paths, the measurement is carried out using standard disconnectors. In larger circuits with many individual current paths, a disconnecting slide is used to ensure contact with the 10x3 busbar. The measurement itself could be realized conveniently and safely via the integrated test adapter at the respective terminal point of the terminal block.

Measurements in small circuit groups



VDE 0100-718 and DIN VDE 0100-482 require a measurement of the insulation resistance of all conductors to earth without disconnecting the neutral conductor. In buildings with many FI/LS circuits, each room or current path may represent a single circuit that must be considered separately during the measurement. With the AITB terminal blocks, each N potential can be routed separately via individual isolators and separated for insulation measurements. The measurement itself could be realized conveniently and safely via the integrated test adapter at the respective terminal point of the terminal block.

Measurements in large circuit groups



In large circuit groups, the safe contact to the copper bar is established via a disconnecting slide. This closes a circuit that extends over the isolating slider to the copper bar. If the slider is levered to the end position, it opens the contact to the copper bar. Thus, the circuit is interrupted and measurements can be carried out conveniently and safely via the integrated test adapter at the respective terminal point of the terminal block. The clearly visible position indicator provides quick and reliable information about the current status of the system. It can also be read in the wired state.

B





AITB 2.5 BB 2C

2.5 mm²



AITB 6 BB 2C

6 mm²



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

5.1 x 63.8 x 43.6	
24 / 4	
0.14...4	

8.1 x 76.6 x 52.9	
41 / 10	
0.34...10	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
24			
2.5			
	8 kV / 3		
	A3 / V-0		

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
41			
6			
	8 kV / 3		
	A5 / V-0		

Rated connection

0.5...4 / 0.5...4
0.5...2.5 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

Rated connection

0.5...10 / 0.5...10
0.5...10 / 0.5...6
0.5...1.5
12 / 1.0 x 5.5 mm

Note

Approvals in process

Approvals in process

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
AITB 2.5 BB 2C	50	2668660000
AITB 2.5 BB 2C BL	50	2668670000

Type	Qty.	Order No.
AITB 6 BB 2C	50	2668700000
AITB 6 BB 2C BL	50	2668710000

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	2-pole
End plate	
	dark beige
	blue
Support bracket for 10 x 3 (required every 20 cm)	
	blue
End bracket	
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
	Ok, busbar up to Ok, TS 35 = 25.5 mm
Marking tags	

Type	Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A 1	2794070000
ZQV 2.5N/3 INSTA	24 A 1	2794090000
ZQV 2.5N/4 INSTA	24 A 1	2794110000
ZQV 2.5N/10 INSTA	24 A 20	2794180000
AEP ITB 2.5 BB 2C	20	2668780000
AEP ITB 2.5 BB 2C BL	20	2668790000
APP ITB 2.5 BB 2C/NDT BL	20	2668870000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000

Type	Qty.	Order No.
ZQV 6N/2	41 A 60	1985740000
AEP ITB 6 BB 2C	20	2668810000
AEP ITB 6 BB 2C BL	20	2668820000
APP ITB 6 BB 2C/NDT BL	20	2668880000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MI-R	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/8 MC NE WS	800	1856740000

For detailed information on other accessories and application in the online catalogue

AITB 16 BB 2C

16 mm²



10 x 87.2 x 52.9

76 / 16

0.5...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
76			
16			
	8 kV / 3		
	A6 / V-0		

Rated connection

0.5...16 / 0.5...16

0.5...16 / 0.5...16

0.75...6

18 / 1.0 x 5.5 mm

Approvals in process

Type	Qty.	Order No.
AITB 16 BB 2C	20	2668740000
AITB 16 BB 2C BL	20	2668750000

Type	Qty.	Order No.
ZQV 10N/2	57 A 25	2497250000
AEP ITB 16 BB 2C	20	2668840000
AEP ITB 16 BB 2C BL	20	2668850000
APP ITB 16 BB 2C/NDT BL	20	2668890000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0x5,5x125	1	2749160000
SSCH 10x3x1000 CU/SN	140 A 1	0348900000
WS 8/6 PLUS MC NE WS	600	1951880000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000



Building installation wiring

PUSH IN connection



AITB 2.5 BB 2C PE

2.5 mm²

AITB 6 BB 2C PE

6 mm²

Width/Height/Depth	mm
Rated current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

5.1 x 63.8 x 43.6	
/ 4	
0.14...4	

8.1 x 76.6 x 52.9	
/ 10	
0.34...10	

Technical data

Rated data	
Rated voltage	-
Rated current	-
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
2.5			
	8 kV / 3		
	A3 / V-0		

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
6			
	8 kV / 3		
	A5 / V-0		

Rated connection

0.5...4 / 0.5...4
0.5...2.5 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

Rated connection

0.5...10 / 0.5...10
0.5...10 / 0.5...6
0.5...1.5
12 / 1.0 x 5.5 mm

Note

Approvals in process

Approvals in process

Ordering data

Version
green/yellow
Note

Type	Qty.	Order No.
AITB 2.5 BB 2C PE	50	2668680000

Type	Qty.	Order No.
AITB 6 BB 2C PE	50	2668720000

Accessories

End plate	dark beige
Support bracket for 10 x 3 (required every 20 cm)	blue
End bracket	dark beige, direct mounting
Test adapter	1-pole stackable
Test plug	
Screwdriver	Standard
Busbar 10 x 3 (140 A)	Ok, busbar up to Ok, TS 35 = 25.5 mm
Marking tags	

Type	Qty.	Order No.
AEP ITB 2.5 BB 2C	20	2668780000
APP ITB 2.5 BB 2C/NDT BL	20	2668870000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000

Type	Qty.	Order No.
AEP ITB 6 BB 2C	20	2668810000
APP ITB 6 BB 2C/NDT BL	20	2668880000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 6 MI-R	0.2 A 50	1991930000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/8 MC NE WS	800	1856740000

For detailed information on other accessories and application in the online catalogue



AITB 16 BB 2C PE

16 mm²



10 x 87.2 x 52.9
/ 16
0.5...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16			
	8 kV / 3		
	A6 / V-0		

Rated connection

0.5...16 / 0.5...16
0.5...16 / 0.5...16
0.75...6
18 / 1.0 x 5.5 mm

Approvals in process

Type	Qty.	Order No.
AITB 16 BB 2C PE	20	2668760000

Type	Qty.	Order No.
AEP ITB 16 BB 2C	20	2668840000
APP ITB 16 BB 2C/NDT BL	20	2668890000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0X5,5X125	1	2749160000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000



Building installation wiring

PUSH IN connection



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

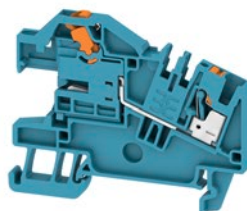
Ordering data

Version
Blue
Note

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	2-pole / blue
End plate	
	blue
Support bracket for 10 x 3 (required every 20 cm)	
	blue
End bracket	
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
	Ok, busbar up to Ok, TS 35 = 25.5 mm
Marking tags	

AITB 2.5 BB NDT BL

2.5 mm²

5.1 x 63.8 x 50
23 / 4
0.14...4



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
23			
2.5			
	4 kV / 3		
	A3 / V-0		

Rated connection	
0.5...4 / 0.5...4	
0.5...2.5 / 0.5...2.5	
0.5...0.75	
10 / 0.6 x 3.5 mm	

Approvals in process

Type	Qty.	Order No.
AITB 2.5 BB NDT BL	50	2668690000

Type	Qty.	Order No.
ZQV 2.5N/2 INSTA BL	24 A	1
ZQV 2.5N/3 INSTA BL	24 A	1
ZQV 2.5N/4 INSTA BL	24 A	1
ZQV 2.5N/10 INSTA BL	24 A	1

AEP ITB 2.5 BB NDT BL	20	2668800000
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APP ITB 2.5 BB 2C/NDT BL	20	2668870000
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AEB 35 SCL/1 V0	20	2661280000
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ATPG 1.5-10 L	0.2 A	50
ATPG 2.5 MI-R	0.2 A	50
ATPG 2.5/3	0.2 A	25
ATPG 2.5/5	0.2 A	25

PS 2.0 MC	20	0310000000
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SDIL 0,6X3,5X100	1	2749140000
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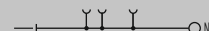
SSCH 10X3X1000 CU/SN	140 A	1
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DEK 5/5 PLUS MC NE WS	1000	1854490000
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AITB 6 BB NDT BL

6 mm²

8.1 x 76.6 x 52.9
41 / 10
0.34...10



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
800			
41			
6			
	4 kV / 3		
	A5 / V-0		

Rated connection	
0.5...10 / 0.5...10	
0.5...10 / 0.5...6	
0.5...1.5	
12 / 1.0 x 5.5 mm	

Approvals in process

Type	Qty.	Order No.
AITB 6 BB NDT BL	50	2668730000

Type	Qty.	Order No.
ZQV 6N/2 BL	41 A	60

AEP ITB 6 BB NDT BL	20	2668830000
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APP ITB 6 BB 2C/NDT BL	20	2668880000
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AEB 35 SCL/1 V0	20	2661280000
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ATPG 1.5-10 L	0.2 A	50
ATPG 6 MI-R	0.2 A	50

PS 2.0 MC	20	0310000000
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SDIL 1,0X5,5X125	1	2749160000
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SSCH 10X3X1000 CU/SN	140 A	1
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DEK 5/8 MC NE WS	800	1856740000
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For detailed information on other accessories and application in the online catalogue

AITB 16 BB NDT BL

16 mm²



10 x 87.2 x 52.9

72 / 16

0.5...16



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
72			
16			
	4 kV / 3		
	A6 / V-0		

Rated connection

0.5...16 / 0.5...16

0.5...16 / 0.5...16

0.75...6

18 / 1.0 x 5.5 mm

Approvals in process

Type	Qty.	Order No.
AITB 16 BB NDT BL	20	2668770000

Type	Qty.	Order No.
ZQV 10N/2	57 A 25	2497250000
AEP ITB 16 BB NDT BL	20	2668860000
APP ITB 16 BB 2C/NDT BL	20	2668890000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
PS 2.0 MC	20	0310000000
SDIL 1,0x5,5x125	1	2749160000
SSCH 10x3x1000 CU/SN	140 A 1	0348900000
WS 8/6 PLUS MC NE WS	600	1951880000
WS 7.8/9.2 PLUS MC NE GR	360	1208970000



Building installation wiring

PUSH IN connection



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V
Note	

Ordering data

Version	dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	dark beige
Support bracket for 10 x 3 (required every 20 cm)	
	blue
End bracket	
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
	Ok, busbar up to Ok, TS 35 = 25.5 mm
Marking tags	

AITB 2.5 BB L

2.5 mm²

5.1 x 103 x 50.1	
24 / 4	
0.14...4	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
24			
2.5			
	4 kV / 3		
	A3 / V-0		
Rated connection			
0.5...4 / 0.5...4			
0.5...2.5 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			
400			
250			
250			
Approvals in process			

Type	Qty.	Order No.
AITB 2.5 BB L	50	2668920000

Type		Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A	1	2794070000
ZQV 2.5N/3 INSTA	24 A	1	2794090000
ZQV 2.5N/4 INSTA	24 A	1	2794110000
ZQV 2.5N/10 INSTA	24 A	20	2794180000
AEP ITB 2.5 BB		20	2668960000
APP ITB 2.5 BB BL		20	2668970000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 M/R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
DEK 5/5 PLUS MC NE WS		1000	1854490000

AITB 2.5 BB N-L-PE

2.5 mm²

5.1 x 103 x 50.1	
24 / 4	
0.14...4	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250			
24			
2.5			
	4 kV / 3		
	A3 / V-0		
Rated connection			
0.5...4 / 0.5...4			
0.5...2.5 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			
400			
250			
250			
Approvals in process			

Type	Qty.	Order No.
AITB 2.5 BB N-L-PE	50	2668940000

Type		Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A	1	2794070000
ZQV 2.5N/3 INSTA	24 A	1	2794090000
ZQV 2.5N/4 INSTA	24 A	1	2794110000
ZQV 2.5N/10 INSTA	24 A	20	2794180000
AEP ITB 2.5 BB		20	2668960000
APP ITB 2.5 BB BL		20	2668970000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 M/R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
DEK 5/5 PLUS MC NE WS		1000	1854490000

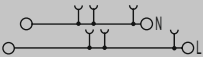
For detailed information on other accessories and application in the online catalogue



AITB 2.5 BB N-L 2.5 mm²



5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400			
24			
2.5			
	4 kV / 3		
	A3 / V-0		
Rated connection			
0.5...4 / 0.5...4			
0.5...2.5 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			
400			
250			
250			
Approvals in process			

Type	Qty.	Order No.
AITB 2.5 BB N-L	50	2668910000

Type	Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A 1	2794070000
ZQV 2.5N/3 INSTA	24 A 1	2794090000
ZQV 2.5N/4 INSTA	24 A 1	2794110000
ZQV 2.5N/10 INSTA	24 A 20	2794180000
AEP ITB 2.5 BB	20	2668960000
APP ITB 2.5 BB BL	20	2668970000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000

Building installation wiring

PUSH IN connection



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V
Note	

Ordering data

Version	dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	dark beige
Support bracket for 10 x 3 (required every 20 cm)	
	blue
End bracket	
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
	3-pole
	5-pole
Test plug	
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
	Ok, busbar up to Ok, TS 35 = 25.5 mm
Marking tags	

For detailed information on other accessories and application in the online catalogue

AITB 2.5 BB LL-PE

2.5 mm²



5.1 x 103 x 50.1	
24 / 4	
0.14...4	

IEC 60947-7-1 (-7-2)

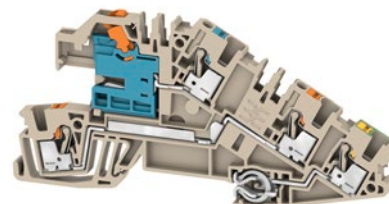
IEC	UL	CSA	EN 60079-7
250			
24			
2.5			
	4 kV / 3		
	A3 / V-0		
Rated connection			
0.5...4 / 0.5...4			
0.5...2.5 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			
400			
250			
250			
Approvals in process			

Type	Qty.	Order No.
AITB 2.5 BB LL-PE	50	2668930000

Type		Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A	1	2794070000
ZQV 2.5N/3 INSTA	24 A	1	2794090000
ZQV 2.5N/4 INSTA	24 A	1	2794110000
ZQV 2.5N/10 INSTA	24 A	20	2794180000
AEP ITB 2.5 BB		20	2668960000
APP ITB 2.5 BB BL		20	2668970000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 M/R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
DEK 5/5 PLUS MC NE WS		1000	1854490000

AITB 2.5 BB NDT-L-PE

2.5 mm²



5.1 x 103 x 50.1	
24 / 4	
0.14...4	

In accordance with IEC 60947-7-1, In accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250			
24			
2.5			
	4 kV / 3		
	A3 / V-0		
Rated connection			
0.5...4 / 0.5...4			
0.5...2.5 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			
400			
250			
250			
Approvals in process			

Type	Qty.	Order No.
AITB 2.5 BB NDT-L-PE	50	2668950000

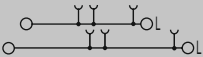
Type		Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A	1	2794070000
ZQV 2.5N/3 INSTA	24 A	1	2794090000
ZQV 2.5N/4 INSTA	24 A	1	2794110000
ZQV 2.5N/10 INSTA	24 A	20	2794180000
AEP ITB 2.5 BB		20	2668960000
APP ITB 2.5 BB BL		20	2668970000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 M/R	0.2 A	50	1991960000
ATPG 2.5/3	0.2 A	25	2041190000
ATPG 2.5/5	0.2 A	25	2041180000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
DEK 5/5 PLUS MC NE WS		1000	1854490000



AITB 2.5 BB L-L 2.5 mm²



5.1 x 103 x 50.1
24 / 4
0.14...4



IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400			
24			
2.5			
	4 kV / 3		
	A3 / V-0		
Rated connection			
0.5...4 / 0.5...4			
0.5...2.5 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			
400			
250			
250			
Approvals in process			

Type	Qty.	Order No.
AITB 2.5 BB L-L	50	2668900000

Type	Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A 1	2794070000
ZQV 2.5N/3 INSTA	24 A 1	2794090000
ZQV 2.5N/4 INSTA	24 A 1	2794110000
ZQV 2.5N/10 INSTA	24 A 20	2794180000
AEP ITB 2.5 BB	20	2668960000
APP ITB 2.5 BB BL	20	2668970000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
ATPG 2.5/3	0.2 A 25	2041190000
ATPG 2.5/5	0.2 A 25	2041180000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000





Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V
Note	

Ordering data

Version
Note

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	dark beige
Support bracket for 10 x 3 (required every 20 cm)	
	blue
End bracket	
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
	Ok, busbar up to Ok, TS 35 = 25.5 mm
Marking tags	

AITB 4 BB L-L-PE

4 mm²



End of 2021

6.1 x 110.2 x 53.2	
30 / 6	
0.14...6	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250			
30			
4			
	4 kV / 3		
	A4 / V-0		
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...4			
0.5...1.5			
12 / 0.6 x 3.5 mm			
400			
250			
250			
Approvals in process			

Type	Qty.	Order No.
AITB 4 BB L-L-PE	50	2669080000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/3	32 A	60	1527940000
ZQV 4N/4	32 A	60	1527970000
ZQV 4N/10	32 A	20	1528090000
AEP ITB 4 BB		20	2669110000
APP ITB 4 BB BL		20	2669120000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 8/6 PLUS MC NE WS		600	1951880000

AITB 4 BB L-L

4 mm²



End of 2021

6.1 x 110.2 x 53.2	
30 / 6	
0.14...6	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
30			
4			
	4 kV / 3		
	A4 / V-0		
Rated connection			
0.5...6 / 0.5...6			
0.5...6 / 0.5...4			
0.5...1.5			
12 / 0.6 x 3.5 mm			
400			
250			
250			
Approvals in process			

Type	Qty.	Order No.
AITB 4 BB L-L	50	2669070000

Type		Qty.	Order No.
ZQV 4N/2	32 A	60	1527930000
ZQV 4N/3	32 A	60	1527940000
ZQV 4N/4	32 A	60	1527970000
ZQV 4N/10	32 A	20	1528090000
AEP ITB 4 BB		20	2669110000
APP ITB 4 BB BL		20	2669120000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 4 MI-R	0.2 A	50	1991860000
PS 2.0 MC		20	0310000000
SDIL 0,6X3,5X100		1	2749140000
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
DEK 5/5 PLUS MC NE WS		1000	1854490000
WS 8/6 PLUS MC NE WS		600	1951880000

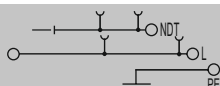
For detailed information on other accessories and application in the online catalogue

AITB 4 BB NDT-L-PE

4 mm²



6.1 x 110.2 x 53.2
30 / 6
0.14...6



In accordance with IEC 60947-7-1, in accordance with IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
250			
30			
4			
	4 kV / 3		
	A4 / V-0		

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

400

250

250

Approvals in process

Type	Qty.	Order No.
AITB 4 BB NDT-L-PE	50	2669100000

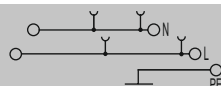
Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/3	32 A 60	1527940000
ZQV 4N/4	32 A 60	1527970000
ZQV 4N/10	32 A 20	1528090000
AEP ITB 4 BB	20	2669110000
APP ITB 4 BB BL	20	2669120000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/6 PLUS MC NE WS	600	1951880000

AITB 4 BB N-L-PE

4 mm²



6.1 x 110.2 x 53.2
30 / 6
0.14...6



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250			
30			
4			
	4 kV / 3		
	A4 / V-0		

Rated connection

0.5...6 / 0.5...6
0.5...6 / 0.5...4
0.5...1.5
12 / 0.6 x 3.5 mm

400

250

250

Approvals in process

Type	Qty.	Order No.
AITB 4 BB N-L-PE	50	2669090000

Type	Qty.	Order No.
ZQV 4N/2	32 A 60	1527930000
ZQV 4N/3	32 A 60	1527940000
ZQV 4N/4	32 A 60	1527970000
ZQV 4N/10	32 A 20	1528090000
AEP ITB 4 BB	20	2669110000
APP ITB 4 BB BL	20	2669120000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 4 MHR	0.2 A 50	1991860000
PS 2.0 MC	20	0310000000
SDIL 0,6X3,5X100	1	2749140000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
DEK 5/5 PLUS MC NE WS	1000	1854490000
WS 8/6 PLUS MC NE WS	600	1951880000



Building installation wiring

PUSH IN connection



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V
Note	

Ordering data

Version	
	dark beige
	without isolator, dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	orange
Marking tags	

For detailed information on other accessories and application in the online catalogue

AITB 2.5 LDT-L

2.5 mm²



5.1 x 103 x 50.1	
21 / 4	
0.14...4	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
21			
2.5			
	4 kV / 3		
	A3 / V-0		

Rated connection

0.5...4 / 0.5...4
0.5...2.5 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

400
250
250

Approvals in process

Type	Qty.	Order No.
AITB 2.5 LDT-L	50	2668980000

Type	Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A 1	2794070000
ZQV 2.5N/3 INSTA	24 A 1	2794090000
ZQV 2.5N/4 INSTA	24 A 1	2794110000
ZQV 2.5N/10 INSTA	24 A 20	2794180000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M-R	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST OR	20 A 50	2463540000
DEK 5/5 PLUS MC NE WS	1000	1854490000

AITB 2.5 LDT-L-PE

2.5 mm²



5.1 x 103 x 50.1	
21 / 4	
0.14...4	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250			
21			
2.5			
	4 kV / 3		
	A3 / V-0		

Rated connection

0.5...4 / 0.5...4
0.5...2.5 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

400
250
250

Approvals in process

Type	Qty.	Order No.
AITB 2.5 LDT-L-PE	50	2669040000

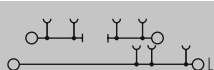
Type	Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A 1	2794070000
ZQV 2.5N/3 INSTA	24 A 1	2794090000
ZQV 2.5N/4 INSTA	24 A 1	2794110000
ZQV 2.5N/10 INSTA	24 A 20	2794180000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 M-R	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST OR	20 A 50	2463540000
DEK 5/5 PLUS MC NE WS	1000	1854490000

AITB 2.5 LDT-L W/O DTLV

2.5 mm²



5.1 x 103 x 50.1
21 / 4
0.14...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
21			
2.5			
	4 kV / 3		
	A3 / V-0		

Rated connection

0.5...4 / 0.5...4
0.5...2.5 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

400
250
250

Approvals in process

Type	Qty.	Order No.
AITB 2.5 LDT-L W/O DTLV	50	2668990000

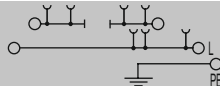
Type	Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A 1	2794070000
ZQV 2.5N/3 INSTA	24 A 1	2794090000
ZQV 2.5N/4 INSTA	24 A 1	2794110000
ZQV 2.5N/10 INSTA	24 A 20	2794180000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST OR	20 A 50	2463540000
DEK 5/5 PLUS MC NE WS	1000	1854490000

AITB 2.5 LDT-L-PE W/O DTLV

2.5 mm²



5.1 x 103 x 50.1
21 / 4
0.14...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250			
21			
2.5			
	4 kV / 3		
	A3 / V-0		

Rated connection

0.5...4 / 0.5...4
0.5...2.5 / 0.5...2.5
0.5...0.75
10 / 0.6 x 3.5 mm

400
250
250

Approvals in process

Type	Qty.	Order No.
AITB 2.5 LDT-L-PE W/O DTLV	50	2669050000

Type	Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A 1	2794070000
ZQV 2.5N/3 INSTA	24 A 1	2794090000
ZQV 2.5N/4 INSTA	24 A 1	2794110000
ZQV 2.5N/10 INSTA	24 A 20	2794180000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 V0	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST OR	20 A 50	2463540000
DEK 5/5 PLUS MC NE WS	1000	1854490000



Building installation wiring

PUSH IN connection



Width/Height/Depth	mm
Rated current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-
Rated voltage	
Rated voltage (L / L)	V
Rated voltage (L / N)	V
Rated voltage (L / PE)	V
Note	

Ordering data

Version	dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate	
	dark beige
End bracket	
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	orange
Marking tags	

For detailed information on other accessories and application in the online catalogue

AITB 2.5 L-L-PE

2.5 mm²



5.1 x 103 x 50.1	
23 / 4	
0.14...4	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250			
23			
2.5			
	4 kV / 3		
	A3 / V-0		
Rated connection			
0.5...4 / 0.5...4			
0.5...2.5 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			
400			
250			
250			
Approvals in process			

Type	Qty.	Order No.
AITB 2.5 L-L-PE	50	2669010000

Type		Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A	1	2794070000
ZQV 2.5N/3 INSTA	24 A	1	2794090000
ZQV 2.5N/4 INSTA	24 A	1	2794110000
ZQV 2.5N/10 INSTA	24 A	20	2794180000
AEP ITB 2.5		20	2669060000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 M-R	0.2 A	50	1991960000
SDIL 0,6X3,5X100		1	2749140000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST OR	20 A	50	2463540000
DEK 5/5 PLUS MC NE WS		1000	1854490000

AITB 2.5 N-L-PE

2.5 mm²



5.1 x 103 x 50.1	
23 / 4	
0.14...4	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
250			
23			
2.5			
	4 kV / 3		
	A3 / V-0		
Rated connection			
0.5...4 / 0.5...4			
0.5...2.5 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			
400			
250			
250			
Approvals in process			

Type	Qty.	Order No.
AITB 2.5 N-L-PE	50	2669020000

Type		Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A	1	2794070000
ZQV 2.5N/3 INSTA	24 A	1	2794090000
ZQV 2.5N/4 INSTA	24 A	1	2794110000
ZQV 2.5N/10 INSTA	24 A	20	2794180000
AEP ITB 2.5		20	2669060000
AEB 35 SCL/1 V0		20	2661280000
ATPG 1.5-10 L	0.2 A	50	1991890000
ATPG 2.5 M-R	0.2 A	50	1991960000
SDIL 0,6X3,5X100		1	2749140000
SIHA 3/G20	6.3 A	25	7921560000
SIHA 3/G20/LD 10-36V		25	7921570000
SIHA 3/G20/LD 140-250V		25	7921600000
BEST		50	1833100000
BEST/DRBR	22 A	50	1878570000
BEST/D	1 A	50	1878560000
TNST OR	20 A	50	2463540000
DEK 5/5 PLUS MC NE WS		1000	1854490000

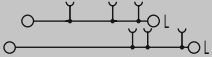




AITB 2.5 L-L 2.5 mm²



5.1 x 103 x 50.1
23 / 4
0.14...4



IEC 60947-7-1			
IEC	UL	CSA	EN 60079-7
400			
23			
2.5			
	4 kV / 3		
	A3 / V-0		
Rated connection			
0.5...4 / 0.5...4			
0.5...2.5 / 0.5...2.5			
0.5...0.75			
10 / 0.6 x 3.5 mm			
400			
250			
250			
Approvals in process			

Type	Qty.	Order No.
AITB 2.5 L-L	50	2669000000

Type	Qty.	Order No.
ZQV 2.5N/2 INSTA	24 A 1	2794070000
ZQV 2.5N/3 INSTA	24 A 1	2794090000
ZQV 2.5N/4 INSTA	24 A 1	2794110000
ZQV 2.5N/10 INSTA	24 A 20	2794180000
AEP ITB 2.5	20	2669060000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 2.5 MI-R	0.2 A 50	1991960000
SDIL 0,6X3,5X100	1	2749140000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST OR	20 A 50	2463540000
DEK 5/5 PLUS MC NE WS	1000	1854490000

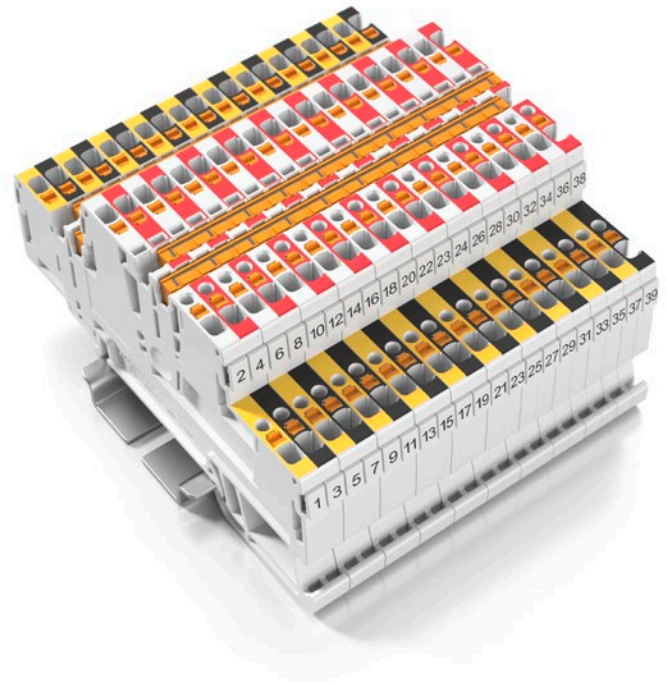
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KNX-Bussystem simple and clear wiring

Klippon® Connect for smart electrical installation in buildings

Automation and growing data volumes are of increasing importance in building technology. Precise, unambiguous data wiring systems are thereby essential for efficient cabinet assembly.

The Klippon® Connect KNX-terminal blocks provide the wiring of the main and reserve leads for KNX Bus wiring systems within a 7 mm combined block width. At each level, a double cross-connection point yields quick and easy distribution of the potential within the terminal.



Your special advantages:

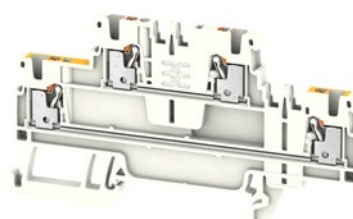
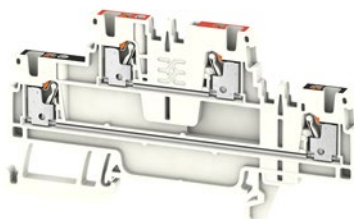
- Numerous marking possibilities
- Colour coded terminals for each wire colour
- Standardised accessories
- Minimal space requirements thanks to 3.5 mm individual terminal width



A2T 1.5 KNX RD-BK

1.5 mm²

A2T 1.5 KNX WT-YL

1.5 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

3.5 x 84 x 45	
17.5 / 1.5	
0.14... 1.5	

3.5 x 84 x 45	
17.5 / 1.5	
0.14... 1.5	

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
17.5			
1.5			
6 kV / 3			
A1 / V-0			
CE			
Rated connection			
0.5... 1.5 / 0.5... 1.5			
0.5... 1.5 / 0.5... 1			
8 / 0.4 x 2.0 mm			

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
500			
17.5			
1.5			
6 kV / 3			
A1 / V-0			
CE			
Rated connection			
0.5... 1.5 / 0.5... 1.5			
0.5... 1.5 / 0.5... 1			
8 / 0.4 x 2.0 mm			

Ordering data

Version	dark beige
Note	

Type	Qty.	Order No.
A2T 1.5 KNX RD-BK	50	2652200000

Type	Qty.	Order No.
A2T 1.5 KNX WT-YL	50	2652210000

Accessories

Plug-in cross-connection	
	2-pole
	10-pole
End plate	
	dark beige
	Blue
End bracket	
	dark beige, screwable
	dark beige, direct mounting
Test adapter	
	1-pole
	stackable
Test plug	
Screwdriver	
	Standard
Marking tags	

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2T 1.5	20	2469420000
AEP 2T 1.5 BL	20	2471470000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

Type	Qty.	Order No.
ZQV 1.5N/2	17.5 A 60	1985410000
ZQV 1.5N/10	17.5 A 20	1985580000
AEP 2T 1.5	20	2469420000
AEP 2T 1.5 BL	20	2471470000
AEB 35 SC/1	50	1991920000
AEB 35 SCL/1 VO	20	2661280000
ATPG 1.5-10 L	0.2 A 50	1991890000
ATPG 1.5 MI-R	0.2 A 50	1991880000
PS 2.0 MC	20	0310000000
SDS 0.4X2.0X60	1	2749260000
WS 10/3.5 PLUS MC NE WS	960	2003760000
DEK 5/3.5 MM WS	1000	2007100000
WS 8/3.5 MM WS	1000	2007140000
DEK 5/3.5 PLUS MC NE WS	1600	2003750000

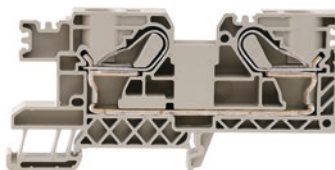
For detailed information on other accessories and application in the online catalogue

Building installation wiring

PUSH IN connection



PDU 16S

16 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

12.1 x 96.5 x 47.5

/ 16

2.5...16



Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

IEC	UL	CSA	EN 60079-7
800			
76			
16			
	8 kV / 3		
	B6 / V-0		
C E			
Rated connection			
2.5...16 / 2.5...16			
2.5...16 / 2.5...10			
18 / 1.0 x 5.5 mm			

B

Ordering data

Version	
	dark beige
	Blue
Note	

Type	Qty.	Order No.
PDU 16S	25	1139580000
PDU 16S BL	25	2062900000

Accessories

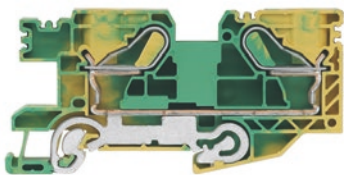
Plug-in cross-connection	
	2-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Cover	
	With lightning flash symbol
Marking tags	

Type	Qty.	Order No.
ZQV 16/2	76 A 25	1739690000
PAP PDU16S	10	1139910000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
PAD 16/4	80	1916170000
WS 12/8 PLUS MC NE WS	420	1906000000

For detailed information on other accessories and application in the online catalogue

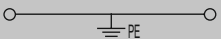
PPE 16S

16 mm²



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

12.1 x 96.5 x 47.5
/ 16
2.5...16



Technical data

Rated data	
for wire cross-section	mm ²
Rated voltage to adjoining terminal	V
Rated impulse withstand voltage to adjacent terminal	kV
Rated short-time current	
Pollution severity	
UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Blade size	

Note

Ordering data

Version
Green/yellow
Note

Accessories

Plug-in cross-connection
2-pole
End plate / Partition plate
dark beige
End bracket
dark beige
Screwdriver
Standard
Cover
With lightning flash symbol
Marking tags

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
16			
800			
8			
1920 A (16 mm ²)			
3			
V-0			

CE

Rated connection
2.5...16
2.5...16 / 2.5...10
1.0 x 5.5 mm

Type	Qty.	Order No.
PPE 16S	10	1139570000

Type	Qty.	Order No.
ZQV 16/2	76 A 25	1739690000
PAP PDU16S	10	1139910000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
PAD 16/4	80	1916170000
WS 10/12 MC NE WS	300	1905970000

For detailed information on other accessories and application in the online catalogue



Building installation wiring

PUSH IN connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

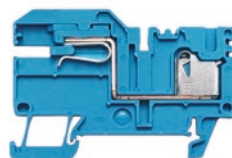
Ordering data

Version
Blue
Note

Accessories

Plug-in cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	
Support bracket for 10 x 3 (required every 20 cm)	
Blue	
For a vertical installation position	
End bracket	
dark beige	
Screwdriver	
Standard	
Busbar 10 x 3 (140 A)	
Ok, busbar up to Ok, TS 35 = 25.5 mm	
Clamping yoke for power supply to 10 x 3 busbars	
Rigid / flexible 0.5 - 6 / 4 mm ²	
Rigid / flexible 6 - 16 mm ²	
flexible 16 - 35 mm ²	
Marking tags	

PNT 2.5/4

4 mm²

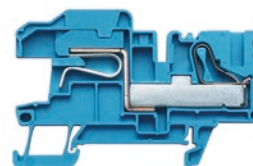
5.1 x 63.5 x 47.75
/ 6
0.08...6



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
32			
4			
	4 kV / 3		
	A3 / V-0		
CE ENEC KEMA			
Rated connection			
0.5...6			
2.5...4 / 0.5...2.5			
...1.5			
12 / 3.0 x 0.5 mm			

PNT 6/10

10 mm²

8.1 x 72.5 x 46
/ 10
1.5...10



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
41			
10			
	8 kV / 3		
	A4 / V-0		
CE ENEC KEMA			
Rated connection			
1.5...6			
1.5...10 / 10...6			
14 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
PNT 6/10	25	1896370000

Type	Qty.	Order No.
PNT 2.5/4	50	1896360000

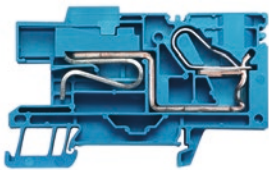
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
ZQV 2.5/20	24 A 20	1908960000
PHP PNT 2.5/4	20	1896390000
PHP PNT 2.5/4 SO	20	1916790000
ZEW 35	20	9540000000
SDS 0.5X3.0X80	1	2749330000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZF 4 S BL	24 A 50	1814660000
ZB 16K BL	50	0502880000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Type	Qty.	Order No.
ZQV 6N/2	41 A 60	1906210000
ZQV 6N/3	41 A 60	1906220000
ZQV 6N/4	41 A 60	1906230000
ZQV 6N/20	41 A 20	1906240000
PHP PNT 6/10	10	1896100000
PHP PNT 6/10 SO	10	1919710000
ZEW 35	20	9540000000
SDS 0.5X3.0X80	1	2749330000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZF 4 S BL	24 A 50	1814660000
ZB 16K BL	50	0502880000
ZB 35/M6X16	20	0266500000
WS 10/8 PLUS MC NE WS	420	1905950000

For detailed information on other accessories and application in the online catalogue



PNT 16 16 mm²



12.1 x 80.5 x 49.5
/ 16
2.5...16



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
76			
16			
	8 kV / 3		
	B6 / V-0		



Rated connection
2.5...16
2.5...16 / 2.5...10
18 / 1.0 x 5.5 mm

Type	Qty.	Order No.
PNT 16	10	1896350000

Type	Qty.	Order No.
PHP PNT16	10	1896380000
PHP PNT16 SO	10	1919690000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZF 4 S BL	24 A 50	1814660000
ZB 16K BL	50	0502880000
ZB 35/M6X16	20	0266500000
WS 10/12 MC NE WS	300	1905970000

Building installation wiring PUSH IN connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	without isolator, dark beige
Note	

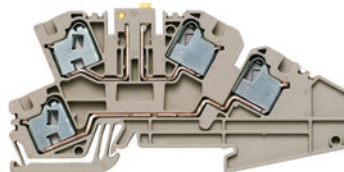
Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Marking tags	

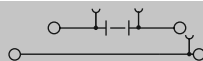
PDL 4/TR/DU

4 mm²

With isolator



5.1 x 100 x 48.5
/ 4
0.08...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	150	300	
20	17	20	
4	AWG 28...10	AWG 28...10	
4 kV / 3			
A3 / V-0			

CE ENEC

Rated connection

0.5...4 / 1.5...4
0.5...4 2.5
0.5...1.5
12 / 3.0 x 0.5 mm

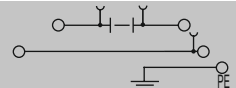
PDL 4/TR/DU/PE

4 mm²

With isolator



5.1 x 100 x 48.5
/ 4
0.08...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
20	17	20	
4	AWG 28...10	AWG 28...10	
4 kV / 3			
A3 / V-0			

CE ENEC

Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4/TR/DU	50	1899190000
Without isolator: PDL 4 TR/DU 0 TNHE Order no.: 1899210000		

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
ZQV 2.5/20	24 A 20	1908960000
PAP PDL4	20	1883210000
ZEW 35/2	20	8630740000
SDS 0.5X3.0X80	1	2749330000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

Type	Qty.	Order No.
PDL 4/TR/DU/PE	50	1899200000
Without isolator: PDL 4 TR/DU/PE 0 TNHE Order no.: 1899220000		

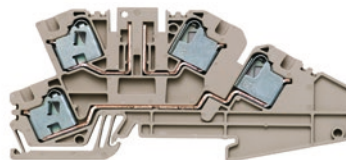
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
ZQV 2.5/20	24 A 20	1908960000
PAP PDL4	20	1883210000
ZEW 35/2	20	8630740000
SDS 0.5X3.0X80	1	2749330000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

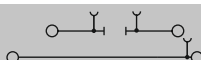
For detailed information on other accessories and application in the online catalogue



PDL 4/TR/DU 0 TNHE

4 mm²

5.1 x 100 x 48.5
/ 4
0.08...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	150	300	
20	17	6.3	
4	AWG 28...10	AWG 28...10	
4 kV / 3			
A3 / V-0			

CE, RoHS, REACH, EN 60947-7-1

Rated connection

0.5...4 / 1.5...4
0.5...4 2.5
0.5...1.5
12 / 3.0 x 0.5 mm

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	without isolator, dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Holder for cartridge fuse 5 x 20 mm	
	400 V AC/DC, without LED
	10 - 36 V AC/DC, red LED
	140 - 250 V AC/DC, red LED
Module connector (max. 250 V)	
	without fittings
	with wire jumper
	With 1N4007 diode
Disconnect plug	
	removable, as replacement for release lever
Marking tags	

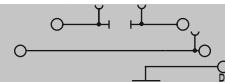
For detailed information on other accessories and application in the online catalogue

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

PDL 4/TR/DU/PE 0 TNHE

4 mm²

5.1 x 100 x 48.5
/ 4
0.08...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400	300	300	
20	17	6.3	
4	AWG 28...10	AWG 28...10	
4 kV / 3			
A3 / V-0			

CE, RoHS, REACH, EN 60947-7-1

Rated connection

0.5...4 / 1.5...4
0.5...4 2.5
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4/TR/DU/PE 0.TNHE	50	1899220000
... without isolating lever. Suitable for fuse holder SIHA 3 with G-fuse, for component plug BEST and for disconnect plug TNST.		

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
ZQV 2.5/20	24 A 20	1908960000
PAP PDL4	20	1883210000
ZEW 35/2	20	8630740000
SDS 0.5X3.0X80	1	2749330000
SIHA 3/G20	6.3 A 25	7921560000
SIHA 3/G20/LD 10-36V	25	7921570000
SIHA 3/G20/LD 140-250V	25	7921600000
BEST	50	1833100000
BEST/DRBR	22 A 50	1878570000
BEST/D	1 A 50	1878560000
TNST	20 A 50	1833090000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Detailed information for working with twin ferrules can be found in the P Series Accessories section.

Building installation wiring

PUSH IN connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

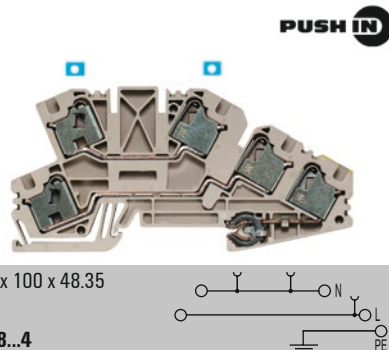
Ordering data

Version	
	dark beige
Note	

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
End plate / Partition plate	
	dark beige
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	

PDL 4/N/L/PE

4 mm²

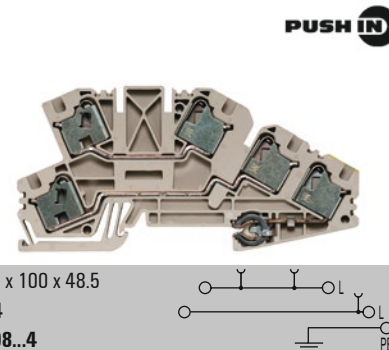
5.1 x 100 x 48.35	
/ 4	
0.08...4	

IEC	UL	CSA	EN 60079-7
400	300	300	
32	17	20	
4	AWG 28...10	AWG 28...10	
6 kV / 3			
A3 / V-0			
CE CB ENEC ENEC ENEC			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...1.5			
12 / 3.0 x 0.5 mm			

Type	Qty.	Order No.
PDL 4/N/L/PE	50	1899180000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
PAP PDL4	20	1883210000
ZEW 35/2	20	8630740000
SDIS 0.4X2.5X75	1	2749790000
DEK 5/5 MC NE WS	1000	1609801044

PDL 4/L/L/PE

4 mm²

5.1 x 100 x 48.5	
/ 4	
0.08...4	

IEC	UL	CSA	EN 60079-7
400	300	300	
32	17	20	
4	AWG 28...10	AWG 28...10	
6 kV / 3			
A3 / V-0			
CE CB ENEC ENEC ENEC			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...1.5			
12 / 3.0 x 0.5 mm			

Type	Qty.	Order No.
PDL 4/L/L/PE	50	1882610000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
PAP PDL4	20	1883210000
ZEW 35/2	20	8630740000
SDIS 0.4X2.5X75	1	2749790000
DEK 5/5 MC NE WS	1000	1609801044

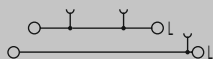
For detailed information on other accessories and application in the online catalogue

PDL 4/L/L

4 mm²



5.1 x 100 x 48.5
/ 4
0.08...4



IEC	UL	CSA	EN 60079-7
400	150	300	
32	17	20	
4	AWG 28...10	AWG 28...10	
6 kV / 3			
A3 / V-0			

CE

Rated connection

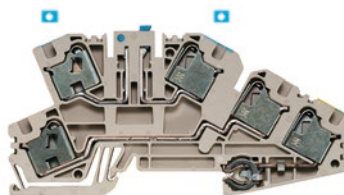
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4/L/L	50	1882590000

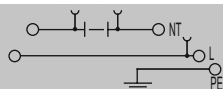
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
PAP PDL4	20	1883210000
ZEW 35/2	20	8630740000
SDIS 0.4X2.5X75	1	2749790000
DEK 5/5 MC NE WS	1000	1609801044

PDL 4/NT/L/PE

4 mm²



5.1 x 100 x 48.35
/ 4
0.08...4



IEC	UL	CSA	EN 60079-7
400	300	300	
20	17	20	
4	AWG 28...10	AWG 28...10	
6 kV / 3			
A3 / V-0			

CE

Rated connection

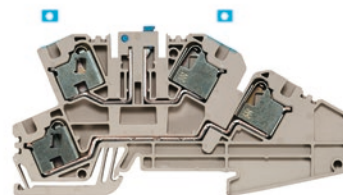
0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4/NT/L/PE	50	1882620000

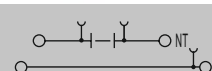
Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
PAP PDL4	20	1883210000
ZEW 35/2	20	8630740000
SDIS 0.4X2.5X75	1	2749790000
DEK 5/5 MC NE WS	1000	1609801044

PDL 4/NT/L

4 mm²



5.1 x 100 x 48.35
/ 4
0.08...4



IEC	UL	CSA	EN 60079-7
400	150	300	
20	17	20	
4	AWG 28...10	AWG 28...10	
6 kV / 3			
A3 / V-0			

CE

Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4/NT/L	50	1882600000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
PAP PDL4	20	1883210000
ZEW 35/2	20	8630740000
SDIS 0.4X2.5X75	1	2749790000
DEK 5/5 MC NE WS	1000	1609801044



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

Version
dark beige
Note

Accessories

Plug-in cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
End plate / Partition plate	
dark beige	
Support bracket for 10 x 3 (required every 20 cm)	
Blue	
For a vertical installation position	
End bracket	
dark beige	
Screwdriver	
Standard	
Busbar 10 x 3 (140 A)	
Ok, busbar up to Ok, TS 35 = 25.5 mm	
Clamping yoke for power supply to 10 x 3 busbars	
Rigid / flexible 0.5 - 6 / 4 mm ²	
Rigid / flexible 6 - 16 mm ²	
flexible 16 - 35 mm ²	
Marking tags	

PDL 4 S/L

4 mm²



5.1 x 100 x 48
36 / 4
0.08...4

IEC 60947-7-1

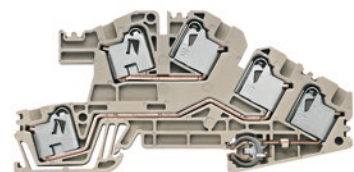
IEC	UL	CSA	EN 60079-7
400			
32			
4			
6 kV / 3			
A3 / V-0			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...1.5			
12 / 3.0 x 0.5 mm			

Type	Qty.	Order No.
PDL 4 S/L	50	1847610000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PDL4S		20	1837070000
PHP PDL		20	1837090000
PHP PDL SQ		20	1837080000
ZEW 35/2		20	8630740000
SDIS 0.4X2.5X75		1	2749790000
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
ZF 4 S BL	24 A	50	1814660000
ZB 16 ZKSC		50	0316600000
ZB 35/M6X16		20	0266500000
DEK 5/5 MC NE WS		1000	1609801044

PDL 4 S/N/L/PE

4 mm²



5.1 x 100 x 48
36 / 4
0.08...4

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400			
32			
4			
6 kV / 3			
A3 / V-0			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...1.5			
12 / 3.0 x 0.5 mm			

Type	Qty.	Order No.
PDL 4 S/N/L/PE	50	1837050000

Type		Qty.	Order No.
ZQV 2.5/2	24 A	60	1608860000
ZQV 2.5/3	24 A	60	1608870000
ZQV 2.5/4	24 A	60	1608880000
ZQV 2.5/10	24 A	20	1608940000
PAP PDL4S		20	1837070000
PHP PDL		20	1837090000
PHP PDL SO		20	1837080000
ZEW 35/2		20	8630740000
SDIS 0.4X2.5X75		1	2749790000
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
ZF 4 S BL	24 A	50	1814660000
ZB 16 ZKSC		50	0316600000
ZB 35/M6X16		20	0266500000
DEK 5/5 MC NE WS		1000	1609801044

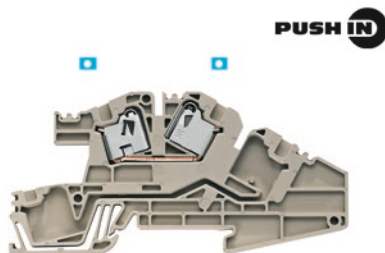
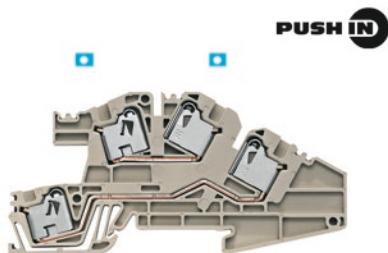
For detailed information on other accessories and application in the online catalogue

PDL 4 S/N/L

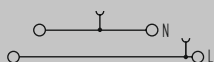
4 mm²

PDL 4 S/N

4 mm²



5.1 x 100 x 48
36 / 4
0.08...4



5.1 x 100 x 48
36 / 4
0.08...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
32			
4			
6 kV / 3			
A3 / V-0			

CE IEC 60947

Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.5
12 / 3.0 x 0.5 mm

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
32			
4			
6 kV / 3			
A3 / V-0			

CE IEC 60947

Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4 S/N/L	50	1847630000

Type	Qty.	Order No.
PDL 4 S/N	50	1847620000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
PAP PDL4S	20	1837070000
PHP PDL	20	1837090000
PHP PDL SO	20	1837080000
ZEW 35/2	20	8630740000
SDIS 0.4X2.5X75	1	2749790000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZF 4 S BL	24 A 50	1814660000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
PAP PDL4S	20	1837070000
PHP PDL	20	1837090000
PHP PDL SO	20	1837080000
ZEW 35/2	20	8630740000
SDIS 0.4X2.5X75	1	2749790000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZF 4 S BL	24 A 50	1814660000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044





Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	mm ²
Stripping length / Blade size	mm/-

Note

Ordering data

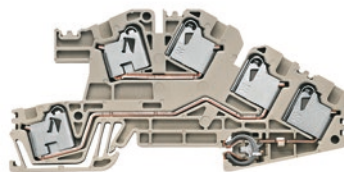
Version
dark beige
Note

Accessories

Plug-in cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
End plate / Partition plate	
dark beige	
Support bracket for 10 x 3 (required every 20 cm)	
Blue	
For a vertical installation position	
End bracket	
dark beige	
Screwdriver	
Standard	
Busbar 10 x 3 (140 A)	
Ok, busbar up to Ok, TS 35 = 25.5 mm	
Clamping yoke for power supply to 10 x 3 busbars	
Rigid / flexible 0.5 - 6 / 4 mm ²	
Rigid / flexible 6 - 16 mm ²	
flexible 16 - 35 mm ²	
Marking tags	

PDL 4 S/L/L/PE

4 mm²



5.1 x 100 x 48	
36 / 4	
0.08...4	

IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
400			
32			
4			
6 kV / 3			
A3 / V-0			
C E ENEC KEUR			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...1.5			
12 / 3.0 x 0.5 mm			

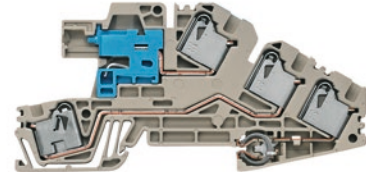
Note

Type	Qty.	Order No.
PDL 4 S/L/L/PE	50	1837040000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
PAP PDL4S	20	1837070000
PHP PDL	20	1837090000
PHP PDL SO	20	1837080000
ZEW 35/2	20	8630740000
SDIS 0.4X2.5X75	1	2749790000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZF 4 S BL	24 A 50	1814660000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044

PDL 4 S/NT/L/PE

4 mm²



5.1 x 100 x 48	
36 / 4	
0.08...4	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
32			
4			
6 kV / 3			
A3 / V-0			
C E ENEC			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...2.5			
0.5...1.5			
12 / 3.0 x 0.5 mm			

Note

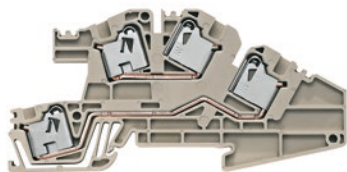
Type	Qty.	Order No.
PDL 4 S/NT/L/PE	50	1837060000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
PAP PDL4S	20	1837070000
PHP PDL	20	1837090000
PHP PDL SO	20	1837080000
ZEW 35/2	20	8630740000
SDIS 0.4X2.5X75	1	2749790000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZF 4 S BL	24 A 50	1814660000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044

For detailed information on other accessories and application in the online catalogue

PDL 4 S/L/L

4 mm²



5.1 x 100 x 48
36 / 4
0.08...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
32			
4			
6 kV / 3			
A3 / V-0			

CE mark

Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.5...2.5
0.5...1.5
12 / 3.0 x 0.5 mm

Type	Qty.	Order No.
PDL 4 S/L/L	50	1837030000

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
PAP PDL4S	20	1837070000
PHP PDL	20	1837090000
PHP PDL SO	20	1837080000
ZEW 35/2	20	8630740000
SDIS 0.4X2.5X75	1	2749790000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZF 4 S BL	24 A 50	1814660000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044

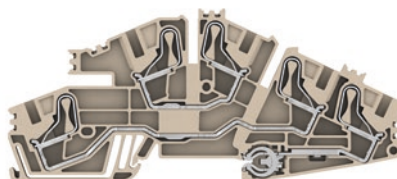


Building installation wiring

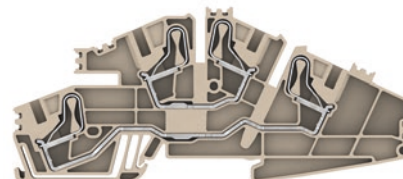
PUSH IN connection



PDL 6 S/L/L/PE

6 mm²

PDL 6 S/L/L

6 mm²

Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

8.1 x 118.5 x 52.5
/ 6
1.5...6

8.1 x 118.5 x 52.5
/ 6
1.5...6

Technical data

Rated data	
Rated voltage	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

IEC	UL	CSA	EN 60079-7
400			
41			
6			
	6 kV / 3		
	/ V-0		
C E ENEC			
Rated connection			
1.5...6 / 1.5...6			
1.5...6 / 1.5...4			
14 /			

IEC	UL	CSA	EN 60079-7
400			
41			
6			
	6 kV / 3		
	/ V-0		
C E ENEC			
Rated connection			
1.5...6 / 1.5...6			
1.5...6 / 1.5...4			
14 /			

Note

Ordering data

Version
Note

Type	Qty.	Order No.
PDL 6 S/L/L/PE	25	1411330000

Type	Qty.	Order No.
PDL 6 S/L/L	25	1411310000

Accessories

Plug-in cross-connection	
2-pole	
3-pole	
4-pole	
20-/24-pole	
32-pole	
End plate	
dark beige	
Support bracket	
blue	
End bracket	
black	
Screwdriver	
Standard	
Busbar 10 x 3 (140 A)	
Ok, busbar up to Ok, TS 35 = 25.5 mm	

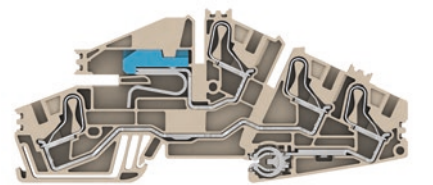
Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/3 GE	41 A 60	1627860000
ZQV 6/4 GE	41 A 60	1627870000
ZQV 6/24 GE	41 A 10	1908990000
ZQV 6/32 GE	41 A 10	1733640000
PAP PDL6S	20	1411200000
PHP PDL6S SO	20	1411350000
ZEW 35/2 SW	20	1162610000
SDIS 0.5X3.0X100	1	2749800000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/3 GE	41 A 60	1627860000
ZQV 6/4 GE	41 A 60	1627870000
ZQV 6/24 GE	41 A 10	1908990000
ZQV 6/32 GE	41 A 10	1733640000
PAP PDL6S	20	1411200000
PHP PDL6S SO	20	1411350000
ZEW 35/2 SW	20	1162610000
SDIS 0.5X3.0X100	1	2749800000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000

For detailed information on other accessories and application in the online catalogue



PDL 6 S/NT/L/PE 6 mm²



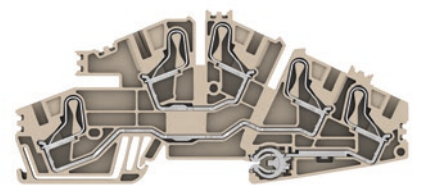
8.1 x 118.5 x 52.5
/ 6
1.5...6

IEC	UL	CSA	EN 60079-7
400			
39			
6			
6 kV / 3			
/ V-0			
CENELEC			
Rated connection			
1.5...6 / 1.5...6			
1.5...6 / 1.5...4			
14 /			

Type	Qty.	Order No.
PDL 6 S/NT/L/PE	25	1411320000

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/3 GE	41 A 60	1627860000
ZQV 6/4 GE	41 A 60	1627870000
ZQV 6/24 GE	41 A 10	1908990000
ZQV 6/32 GE	41 A 10	1733640000
PAP PDL6S	20	1411200000
PHP PDL6S SO	20	1411350000
ZEW 35/2 SW	20	1162610000
SDIS 0.5X3.0X100	1	2749800000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000

PDL 6 S/N/L/PE 6 mm²



8.1 x 118.5 x 52.5
/ 6
1.5...6

IEC	UL	CSA	EN 60079-7
400			
41			
6			
6 kV / 3			
/ V-0			
CENELEC			
Rated connection			
1.5...6 / 1.5...6			
1.5...6 / 1.5...4			
14 /			

Type	Qty.	Order No.
PDL 6 S/N/L/PE	25	1411340000

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/3 GE	41 A 60	1627860000
ZQV 6/4 GE	41 A 60	1627870000
ZQV 6/24 GE	41 A 10	1908990000
ZQV 6/32 GE	41 A 10	1733640000
PAP PDL6S	20	1411200000
PHP PDL6S SO	20	1411350000
ZEW 35/2 SW	20	1162610000
SDIS 0.5X3.0X100	1	2749800000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000

Building installation wiring
PUSH IN connection

Support plates and end plates

PAP PDU16S



Technical data	
Width	mm
Ordering data	
	dark beige
	Blue
	blue
Note	

2.7		
Type	Qty.	Order No.
PAP PDU16S	10	1139910000

PAP PDL 4



1.5		
Type	Qty.	Order No.
PAP PDL4	20	1883210000

PAP PDL 4S

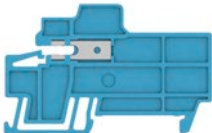


1.5		
Type	Qty.	Order No.
PAP PDL4S	20	1837070000

Support plates and end plates

PHP PNT 2.5/4

General

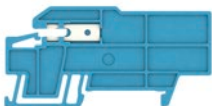


Technical data	
Width	mm
Ordering data	
	dark beige
	Blue
	blue
Note	

3		
Type	Qty.	Order No.
PHP PNT 2.5/4	20	1896390000
PHP PNT 2.5/4 SO	20	1916790000

PHP PNT 6/10

General



3		
Type	Qty.	Order No.
PHP PNT 6/10	10	1896100000
PHP PNT 6/10 SO	10	1919710000

PHP PNT 16

General



3		
Type	Qty.	Order No.
PHP PNT16	10	1896380000
PHP PNT16 SO	10	1919690000





Building installation wiring

Tension clamp connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige
	Blue
Support bracket for 10 x 3 (required every 20 cm)	
	Blue
	For a vertical installation position
End bracket	
	dark beige
Screwdriver	
	Standard
Marking tags	

ZDU 2.5 S

2.5 mm²

Two connections



5.1 x 61 x 43.15

24 / 4

0.5...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
24			
2.5			
6 kV / 3			
A2 / V-0			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

ZDU 4 S

4 mm²

Two connections



6.1 x 64.2 x 45.5

32 / 6

0.5...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
32			
4			
6 kV / 3			
A3 / V-0			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

Type	Qty.	Order No.
ZDU 4 S	100	1808360000
ZDU 4 S BL	100	1808370000
The distance from holding plate to holding plate should be 200 mm.		

Type	Qty.	Order No.
ZDU 2.5 S	100	1808010000
ZDU 2.5 S BL	100	1808020000
The distance from holding plate to holding plate should be 200 mm.		

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
ZQV 2.5/20	24 A 20	1908960000
ZAP ZDU 2.5 S	20	1808030000
ZAP ZDU 2.5 S BL	20	1808040000
ZHP S	20	1808290000
ZHP S SO	20	1808280000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/3 GE	32 A 60	1608960000
ZQV 4/4 GE	32 A 60	1608970000
ZQV 4/10 GE	32 A 20	1609030000
ZQV 4/20 GE	32 A 20	1909010000
ZAP ZDU 4 S	20	1808380000
ZAP ZDU 4 S BL	20	1808390000
ZHP S	20	1808290000
ZHP S SO	20	1808280000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/6 MC NE WS	600	1828450000

For detailed information on other accessories and application in the online catalogue

ZDU 6S

6 mm²

Two connections



8.1 x 64.35 x 49.2
41 / 10
0.5...10



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400			
41			
6			
	6 kV / 3		
	A5 / V-0		

CE

Rated connection

0.5...10
0.5...10 / 0.5...6

12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 6 S	100	1808230000
ZDU 6 S BL	100	1808240000

The distance from holding plate to holding plate should be 200 mm.

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/3 GE	41 A 60	1627860000
ZQV 6/4 GE	41 A 60	1627870000
ZQV 6/24 GE	41 A 10	1908990000
ZAP ZDU 6 S	20	1808250000
ZAP ZDU 6 S BL	20	1808260000
ZHP S	20	1808290000
ZHP S SO	20	1808280000
ZEWS 35	20	9540000000
SDIS SLIM 0.8X4.0X100	1	2749620000
DEK 5/8 MC NE WS	800	1856740000
WS 10/6 MC NE WS	600	1828450000

ZDU 10/S

10 mm²

Two connections



10 x 86.5 x 48
76 / 16
1.3...16



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	300	
57	60	55	
10	AWG 16...6	AWG 16...6	
	6 kV / 3		
	A6 / V-0		

CE

Rated connection

1.5...16 / 1.5...16
1.5...10 / 1.5...10

18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 10S	25	1739540000
ZDU 10S BL	25	1739550000

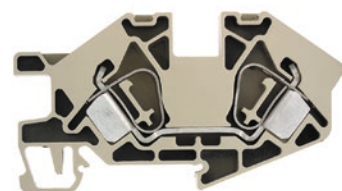
The distance from holding plate to holding plate should be 200 mm.

Type	Qty.	Order No.
ZQV 10/2	57 A 25	1739680000
ZAP ZDU10/16S	20	1739660000
ZEWS 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044

ZDU 16/S

16 mm²

Two connections



12 x 95 x 48
76 / 25
1.5...25



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	300	
76	65	65	
16	AWG 14...4	AWG 14...4	
	6 kV / 3		
	A7 / V-0		

CE

Rated connection

1.5...16 / 16...25
1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 16S	25	1739580000
ZDU 16S BL	25	1739590000

The distance from holding plate to holding plate should be 200 mm.

Type	Qty.	Order No.
ZQV 16/2	76 A 25	1739690000
ZAP ZDU10/16S	20	1739660000
ZEWS 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044

Building installation wiring

Tension clamp connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	-/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-
Note	

Ordering data

Version
green/yellow
Note

Accessories

End plate / Partition plate
dark beige
Support bracket for 10 x 3 (required every 20 cm)
Blue
For a vertical installation position
End bracket
dark beige
Screwdriver
Standard
Marking tags

ZPE 2.5 S

2.5 mm²

Two connections



5.1 x 62.5 x 43.15
/ 4
0.5...4

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
400			
2.5			
6 kV		/ 3	
A2 / V-0			
C E ENEC			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
10		/ 0.6 x 3.5 mm	
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

Type	Qty.	Order No.
ZPE 2.5 S	50	1808330000
The distance from holding plate to holding plate should be 200 mm.		

Type	Qty.	Order No.
ZAP ZDU 2.5 S	20	1808030000
ZHP S	20	1808290000
ZHP S SO	20	1808280000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

ZPE 4 S

4 mm²

Two connections



6.1 x 65.5 x 45.5
/ 6
0.5...6

IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
400			
4			
6 kV		/ 3	
A3 / V-0			
C E ENEC			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10		/ 0.6 x 3.5 mm	
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

Type	Qty.	Order No.
ZPE 4 S	50	1808340000
The distance from holding plate to holding plate should be 200 mm.		

Type	Qty.	Order No.
ZAP ZDU 4 S	20	1808380000
ZHP S	20	1808290000
ZHP S SO	20	1808280000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/6 MC NE WS	1000	1609820000
WS 10/6 MC NE WS	600	1828450000

For detailed information on other accessories and application in the online catalogue

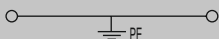
ZPE 6 S

6 mm²

Two connections



8.1 x 65.5 x 49.2
/ 10
0.5...10



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
400			
6			
6 kV		/ 3	
A5 / V-0			

CE

Rated connection

0.5...10
0.5...10 / 0.5...6

12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZPE 6 S	50	1808350000
The distance from holding plate to holding plate should be 200 mm.		

Type	Qty.	Order No.
ZAP ZDU 6 S	20	1808250000
ZHP S	20	1808290000
ZHP S SO	20	1808280000
ZEW 35	20	9540000000
SDIS SLIM 0.6X3.5X100	1	2749610000
DEK 5/8 MC NE WS	800	1856740000
WS 10/6 MC NE WS	600	1828450000

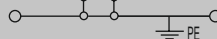
ZPE 10/S

10 mm²

Two connections



10 x 86.5 x 48
/ 16
1.3...16



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
400			
10	AWG 16...6	AWG 16...6	
6 kV		/ 3	
A6 / V-0			

CE

Rated connection

1.5...16 / 1.5...16
1.5...10 / 1.5...10

18 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZPE 10S	25	1739570000
The distance from holding plate to holding plate should be 200 mm.		

Type	Qty.	Order No.
ZAP ZDU10/16S	20	1739660000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

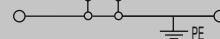
ZPE 16/S

16 mm²

Two connections



12 x 95 x 48
/ 25
1.5...25



IEC 60947-7-2

IEC	UL	CSA	EN 60079-7
400			
16	AWG 14...6	AWG 14...4	
6 kV		/ 3	
A7 / V-0			

CE

Rated connection

1.5...16 / 16...25
1.5...16 / 1.5...16

18 / 1.0 x 5.5 mm

To ensure the current-carrying capacity of the mounting rail, it is necessary to use the TS 35 x 15.

Type	Qty.	Order No.
ZPE 16S	25	1739610000
The distance from holding plate to holding plate should be 200 mm.		

Type	Qty.	Order No.
ZAP ZDU10/16S	20	1739660000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
DEK 5/5 MC NE WS	1000	1609801044

Building installation wiring

Tension clamp connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

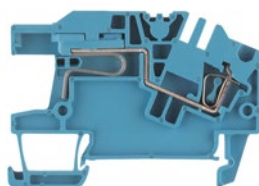
Accessories

Plug-in cross-connection	
	2-pole
	3-pole
	4-pole
	10-pole
	20-/24-pole
End plate / Partition plate	
	dark beige
	Blue
Support bracket for 10 x 3 (required every 20 cm)	
	Blue
	For a vertical installation position
End bracket	
	dark beige
Screwdriver	
	Standard
Busbar 10 x 3 (140 A)	
	Ok, busbar up to Ok, TS 35 = 25.5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0.5 - 6 / 4 mm ²
	Rigid / flexible 6 - 16 mm ²
	flexible 16 - 35 mm ²
Marking tags	

ZNT 2.5 S

2.5 mm²

Two connections



5.1 x 62.5 x 43.15

24 / 4

0.5...4



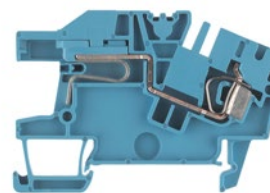
IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
24			
2.5			
	4 kV / 3		
	A2 / V-0		
CENELEC			
Rated connection			
0.5...4			
0.5...4 / 0.5...2.5			
10 / 0.6 x 3.5 mm			
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

ZNT 4 S

4 mm²

Two connections



6.1 x 65.5 x 45.5

32 / 6

0.5...6



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
32			
4			
	4 kV / 3		
	A3 / V-0		
CENELEC			
Rated connection			
0.5...6			
0.5...4 / 0.5...4			
10 / 0.6 x 3.5 mm			
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

Type	Qty.	Order No.
ZNT 2.5 S	100	1808300000
Spacing between mounting plates should be 200mm.		

Type	Qty.	Order No.
ZQV 2.5/2	24 A 60	1608860000
ZQV 2.5/3	24 A 60	1608870000
ZQV 2.5/4	24 A 60	1608880000
ZQV 2.5/10	24 A 20	1608940000
ZQV 2.5/20	24 A 20	1908960000
ZAP ZDU 2.5 S	20	1808030000
ZAP ZDU 2.5 S BL	20	1808040000
ZHP S	20	1808290000
ZHP S SO	20	1808280000
ZEW 35	20	9540000000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZB 4K BL	50	0475380000
ZB 16K BL	50	0502880000
ZB 35K BL M6X16	20	0502680000
DEK 5/5 MC NE WS	1000	1609801044
WS 10/5 MC NE WS	720	1635000000

Type	Qty.	Order No.
ZNT 4 S	100	1808310000
Spacing between mounting plates should be 200mm.		

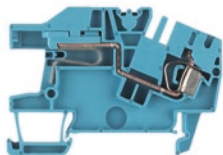
Type	Qty.	Order No.
ZQV 4/2 GE	32 A 60	1608950000
ZQV 4/3 GE	32 A 60	1608960000
ZQV 4/4 GE	32 A 60	1608970000
ZQV 4/10 GE	32 A 20	1609030000
ZQV 4/20 GE	32 A 20	1909010000
ZAP ZDU 4 S	20	1808380000
ZAP ZDU 4 S BL	20	1808390000
ZHP S	20	1808290000
ZHP S SO	20	1808280000
ZEW 35	20	9540000000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZB 4K BL	50	0475380000
ZB 16K BL	50	0502880000
ZB 35K BL M6X16	20	0502680000
DEK 5/6 MC NE WS	1000	1609820000
WS 10/6 MC NE WS	600	1828450000

For detailed information on other accessories and application in the online catalogue

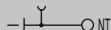
ZNT 6 S

6 mm²

Two connections



8.1 x 64.35 x 49.2
41 / 10
0.5...10



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
41			
6			
	4 kV / 3		
	A5 / V-0		
<small>CE</small> <small>UL</small> <small>CSA</small> <small>EN 60079-7</small>			
Rated connection			
0.5...10			
0.5...10 / 0.5...6			
12 / 0.6 x 3.5 mm			
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

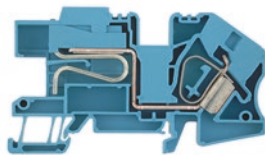
Type	Qty.	Order No.
ZNT 6 S	50	1808320000
The distance from holding plate to holding plate should be 200 mm.		

Type	Qty.	Order No.
ZQV 6/2 GE	41 A 60	1627850000
ZQV 6/3 GE	41 A 60	1627860000
ZQV 6/4 GE	41 A 60	1627870000
ZQV 6/24 GE	41 A 10	1908990000
ZAP ZDU 6 S	20	1808250000
ZAP ZDU 6 S BL	20	1808260000
ZHP S	20	1808290000
ZHP S SO	20	1808280000
ZEW 35	20	9540000000
SDIS SLIM 0.8X4.0X100	1	2749620000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZB 4K BL	50	0475380000
ZB 16K BL	50	0502880000
ZB 35K BL M6X16	20	0502680000
DEK 5/8 MC NE WS	800	1856740000
WS 10/6 MC NE WS	600	1828450000

ZNT 10 S

10 mm²

Two connections



10 x 86.5 x 49.5
/ 16
1.3...16



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	300	
57	55	55	
10	AWG 16...6	AWG 16...6	
	6 kV / 3		
	A6 / V-0		
<small>CE</small> <small>UL</small> <small>CSA</small> <small>EN 60079-7</small>			
Rated connection			
1.5...16 / 1.5...16			
1.5...10 / 1.5...10			
18 / 1.0 x 5.5 mm			
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

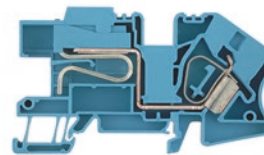
Type	Qty.	Order No.
ZNT 10S	25	1739560000
The distance from holding plate to holding plate should be 200 mm.		

Type	Qty.	Order No.
ZQV 16/2	76 A 25	1739690000
ZAP ZDU10/16S	20	1739660000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZB 4K BL	50	0475380000
ZB 16K BL	50	0502880000
ZB 35K BL M6X16	20	0502680000
DEK 5/5 MC NE WS	1000	1609801044

ZNT 16/S

16 mm²

Two connections



12 x 95 x 49.5
76 / 25
1.5...25



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	300	
76	58	65	
16	AWG 14...4	AWG 14...4	
	6 kV / 3		
	A7 / V-0		
<small>CE</small> <small>UL</small> <small>CSA</small> <small>EN 60079-7</small>			
Rated connection			
1.5...16 / 16...25			
1.5...16 / 1.5...16			
18 / 1.0 x 5.5 mm			
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

Type	Qty.	Order No.
ZNT 16S	25	1739600000
The distance from holding plate to holding plate should be 200 mm.		

Type	Qty.	Order No.
ZQV 16/2	76 A 25	1739690000
ZAP ZDU10/16S	20	1739660000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZB 4K BL	50	0475380000
ZB 16K BL	50	0502880000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044



Width/Height/Depth	mm
max. current / max. cond. cross-section	A/mm ²
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage	V
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Twin wire-end ferrule	-
Stripping length / Blade size	mm/

Note

Ordering data

Version	dark beige Blue
Note	

Accessories

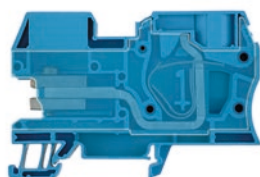
Plug-in cross-connection	2-pole 3-pole 4-pole 10-pole 20-/24-pole
End plate / Partition plate	dark beige Blue
Support bracket for 10 x 3 (required every 20 cm)	Blue For a vertical installation position
End bracket	dark beige
Screwdriver	Standard
Busbar 10 x 3 (140 A)	Ok, busbar up to Ok, TS 35 = 25.5 mm
Marking yoke for power supply to 10 x 3 busbars	Rigid / flexible 0.5 - 6 / 4 mm ² Rigid / flexible 6 - 16 mm ² flexible 16 - 35 mm ²
Marking tags	

For detailed information on other accessories and application in the online catalogue

ZNT 35

35 mm²

Two connections



16 x 88.5 x 58.5
125 / 35
2.5...35

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
400	600	600	
125	120	120	
35	AWG 12...2	AWG 12...2	
	6 kV / 3		
	A8 / V-0		



Rated connection
2.5...10 / 16...35
2.5...35 / 2.5...35

25 / 1.0 x 5.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZNT 35	10	1739640000

The distance from holding plate to holding plate should be 200 mm.

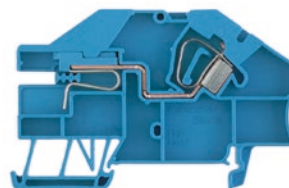
Type	Qty.	Order No.
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
SSCH 10X3X1000 CU/SN	140 A	1
		0348900000
ZB 4K BL	50	0475380000
ZB 16K BL	50	0502880000
ZB 35K BL M6X16	20	0502680000
DEK 5/5 MC NE WS	1000	1609801044

Integrated end plate

ZDU 4 NT

4 mm²

Modified busbar position



6.1 x 78.5 x 49.5
32 / 6
0.13...6

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
32			
4			
	4 kV / 3		
	A4 / V-0		



Rated connection
0.5...6
0.5...4 / 0.5...4

12 / 0.6 x 3.5 mm

The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).

Type	Qty.	Order No.
ZDU 4/NT DB	50	1778080000
ZDU 4/NT	50	1757980000

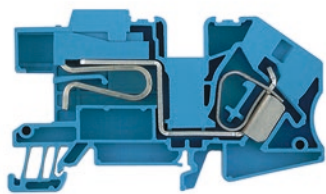
Use only in connection with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants.

Type	Qty.	Order No.	
ZAP ZDU4/NT	20	1757970000	
ZHP ZDU4/NT SO	20	1803890000	
ZEW 35	20	9540000000	
SDIS SLIM 0.6X3.5X100	1	2749610000	
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
ZB 4K BL	50	0475380000	
ZB 16K BL	50	0502880000	
ZB 35K BL M6X16	20	0502680000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 15/5 MC NE WS	480	1609880000	



ZDU 10 NT 10 mm²

Modified busbar position



10 x 86.5 x 49.5
57 / 16
1.5...16



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
250			
57			
10			
	4 kV / 3		
	A6 / V-0		
C € III			
Rated connection			
1.5...10 / 1.5...16			
1.5...10 / 1.5...10			
18 / 1.0 x 5.5 mm			
The supply to the busbar is via a busbar connection (ZB 35, ZB 16 or ZF 4S).			

Type	Qty.	Order No.
ZDU 10/NT	25	1762420000
Use only in connection with ZDU 2.5, ZDU 2.5/3 AN, ZDU 4, ZDU 6 and their PE variants.		

Type	Qty.	Order No.
ZQV 10/2	57 A 25	1739680000
ZAP ZDU10/16S	20	1739660000
ZHP ZDU4/NT SO	20	1803890000
ZEW 35	20	9540000000
SDS 1.0X5.5X150	1	2749380000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZB 4K BL	50	0475380000
ZB 16K BL	50	0502880000
ZB 35K BL M6X16	20	0502680000
DEK 5/6 MC NE WS	1000	1609820000
WS 12/5 MC NE WS	720	1609860000

Building installation wiring

Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	
Stripping length / Blade size	mm/-

Note

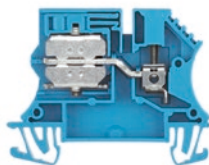
Ordering data

Version	
	dark beige
	Blue
Note	

Accessories

End plate / Partition plate	
	dark beige
	Blue
Support bracket for 10 x 3 (required every 20 cm)	
	Blue
End bracket	
	dark beige
Screwdriver	
	With "swifty set" cutting device
	Standard
Busbar 10 x 3 (140 A)	
	Ok, busbar up to Ok, TS 35 = 25.5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0.5 - 6 / 4 mm ²
	Rigid / flexible 6 - 16 mm ²
	flexible 16 - 35 mm ²
Marking tags	

WNT 2.5

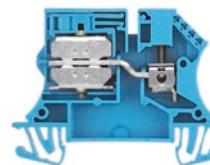
2.5 mm²

5.1 x 60 x 46.5	
32 / 4	NT
0.13...4	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
600	600	600	
24	25	20	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			
Rated connection			
0.5...4 / 1.5...4			
0.5...4			
/ (M 2.5)			
10 / 0.6 x 3.5 mm			
Tightening torque, N-isolator 0.4..0.6 Nm			

WNT 4

4 mm²

6.1 x 60 x 46.5	
41 / 6	NT
0.13...6	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
600	600	600	
32	35	25	
4	AWG 26...10	AWG 26...10	
6 kV / 3			
A4 / V-0			
Rated connection			
0.5...6 / 1.5...6			
0.5...6			
/ (M 3)			
10 / 0.6 x 3.5 mm			
Tightening torque, N-isolator 0.4..0.8 Nm			

Type	Qty.	Order No.
WNT 2.5 10X3 BE	100	1010600000
WNT 2.5 10X3	100	1010680000
2.5 mm ² conductor with ferrule with plastic collar, with collar optimised for diameter only (order No. 1333100000, QTY 500).		

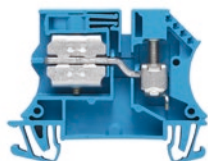
Type	Qty.	Order No.
WNT 4 10X3	100	1010780000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN	140 A	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN	140 A	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

For detailed information on other accessories and application in the online catalogue

WNT 6

6 mm²

7.9 x 60 x 46.5
57 / 10
0.5...10



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	600	600	
41	45	35	
6	AWG 20...8	AWG 26...8	
6 kV / 3			
A5 / V-0			



Rated connection

0.5...10 / 1.5...10
0.5...10
/ (M 3.5)

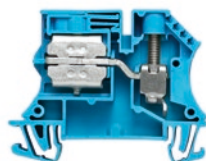
12 / 4.0 x 0.8 mm

Tightening torque, N-isolator 0.8...1.6 Nm

Type	Qty.	Order No.
WNT 6 10X3	50	1010880000

Type	Qty.	Order No.	
WAP 2.5-10	50	1050000000	
WAP 2.5-10 BL	50	1050080000	
WHP 2.5-35N/10X3 BL	20	1050280000	
WEW 35/2	50	1061200000	
SWIFTY SET	1	9006060000	
SDS 0.6X3.5X100	1	2749340000	
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
ZB 4	50	0316500000	
ZB 16 ZKSC	50	0316600000	
ZB 35/M6X16	20	0266500000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/5 MC NE WS	720	1609860000	

WNT 10

10 mm²

9.9 x 60 x 46.5
76 / 16
1.31...16



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	600	600	
57	60	50	
10	AWG 16...8	AWG 16...6	
6 kV / 3			
B6 / V-0			



Rated connection

1.5...16 / 1.5...16
1.5...16
/ (M 4)

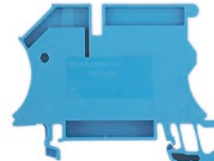
12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8...1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WNT 10 10X3 BE	50	1010900000
WNT 10 10X3	50	1010980000

Type	Qty.	Order No.	
WAP 2.5-10	50	1050000000	
WAP 2.5-10 BL	50	1050080000	
WHP 2.5-35N/10X3 BL	20	1050280000	
WEW 35/2	50	1061200000	
SWIFTY SET	1	9006060000	
SDS 0.6X3.5X100	1	2749340000	
SSCH 10X3X1000 CU/SN	140 A	1	0348900000
ZB 4	50	0316500000	
ZB 16 ZKSC	50	0316600000	
ZB 35/M6X16	20	0266500000	
DEK 5/5 MC NE WS	1000	1609801044	
WS 12/5 MC NE WS	720	1609860000	

WNT 16N

16 mm²

12 x 60 x 46.5
101 / 25
1.5...25



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	300	300	
76	65	65	
16	AWG 14...6	AWG 14...6	
6 kV / 3			
B7 / V-0			



Rated connection

1.5...16 / 1.5...25
1.5...16
/ (M 4)

12 / 1.0 x 5.5 mm

Tightening torque, N-isolator 0.8...1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.

Type	Qty.	Order No.
WNT 16N 10X3	50	1019000000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN	140 A	1
		0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

Building installation wiring

Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	
Stripping length / Blade size	mm/-

Note

Ordering data

Version	
	dark beige
	Blue
Note	

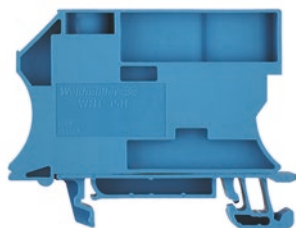
Accessories

End plate / Partition plate	
	dark beige
	Blue
Support bracket for 10 x 3 (required every 20 cm)	
	Blue
End bracket	
	dark beige
Screwdriver	
	With "swifty set" cutting device
	Standard
Busbar 10 x 3 (140 A)	
	Ok, busbar up to Ok, TS 35 = 25.5 mm
Clamping yoke for power supply to 10 x 3 busbars	
	Rigid / flexible 0.5 - 6 / 4 mm ²
	Rigid / flexible 6 - 16 mm ²
	flexible 16 - 35 mm ²
Marking tags	

WNT 35N

35 mm²

Compact design



16 x 66 x 50.5

140 / 50

2.5...50



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
125			
35			
		6 kV / 3	
		B8 / V-0	
CE ENE			
Rated connection			
2.5...16 / 2.5...50			
2.5...35			
/ (M 6)			
18 / 6.5 x 1.2 mm			

The tightening torque for 16 - 50 mm² stranded conductors is 4.5 Nm. Tightening torque for N-isolator: 1.2...2.4 Nm

Type	Qty.	Order No.
WNT 35N 10X3	20	1718550000

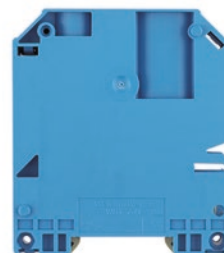
Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN	140 A	1
		0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

Refer to the "W-series Accessories" section for PEN bridges.

WNT 70N

70 mm²

Compact design



20.5 x 75 x 85

140 / 95

10...95



In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	600		
140	175		
70	AWG 6...0		
		6 kV / 3	
		B11 / V-0	
CE ENE			
Rated connection			
10...16 / 10...95			
10...70			
/ (M 8)			
22 / S6 (DIN 6911)			

Tightening torque, N-isolator 2.5...5.0 Nm

Type	Qty.	Order No.
WNT 70N/35	10	9512210000

Type	Qty.	Order No.
WAP 2.5-10	50	1050000000
WAP 2.5-10 BL	50	1050080000
WHP 2.5-35N/10X3 BL	20	1050280000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDS 0.6X3.5X100	1	2749340000
SSCH 10X3X1000 CU/SN	140 A	1
		0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 12/5 MC NE WS	720	1609860000

For detailed information on other accessories and application in the online catalogue



Building installation wiring

Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	
Stripping length / Blade size	mm/-

Note

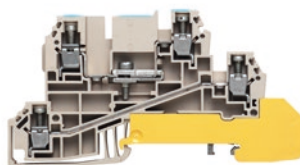
Ordering data

Version	dark beige
Note	

Accessories

Screwable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	
End plate / Partition plate	
dark beige	
Support bracket for 10 x 3 (required every 20 cm)	
dark beige	
End bracket	
dark beige	
Screwdriver	
With "swifty set" cutting device	
Standard	
Marking tags	

WDL 2.5/NT/L/PE

2.5 mm²

6.1 x 90 x 48	
32 / 4	
0.13...4	

IEC 60947-7-1 (-7-2)

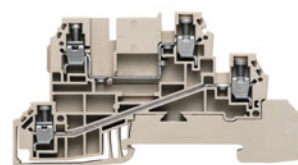
IEC	UL	CSA	EN 60079-7
300	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3, A4 / V-0			
CE CB CB N N			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...4			
/ (M 2.5)			
8 / 0.6 x 3.5 mm			

Further connection refers to clamping point at top left (A4)
2-conductor, 1.5 mm², solid, with 0.6 Nm

Type	Qty.	Order No.
WDL 2.5/NT/L/PE	50	1029800000
PE connection is marked green-yellow		

Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000
WAP WDL2.5	20	1067800000
WHP WDL2.5/S BL	20	1067980000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDIS 0.6X3.5X100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000

WDL 2.5/L/L

2.5 mm²

6.1 x 90 x 48	
32 / 4	
0.13...4	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
300	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3, A4 / V-0			
CE CB CB N N			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.5...4			
/ (M 2.5)			
8 / 0.6 x 3.5 mm			

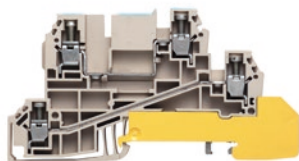
Further connection refers to clamping point at top left (A4)
2-conductor, 1.5 mm², solid, with 0.6 Nm

Type	Qty.	Order No.
WDL 2.5/L/L	50	1030300000
WDL 2.5/N/L Order no. 1030000000 (upper connection is marked blue).		

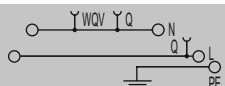
Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000
WAP WDL2.5	20	1067800000
WHP WDL2.5/S BL	20	1067980000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDIS 0.6X3.5X100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000

For detailed information on other accessories and application in the online catalogue

WDL 2.5/N/L/PE

2.5 mm²

6.1 x 90 x 48
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3, A4 / V-0			

CE ENEC N

Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...4

/ (M 2.5)

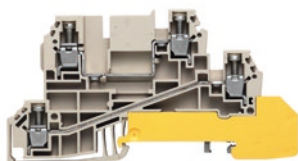
8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)
2-conductor, 1.5 mm², solid, with 0.6 Nm

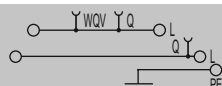
Type	Qty.	Order No.
WDL 2.5/N/L/PE	50	1029900000
PE connection is marked green-yellow		

Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000
WAP WDL2.5	20	1067800000
WHP WDL2.5/S BL	20	1067980000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDIS 0.6X3.5X100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000

WDL 2.5/L/L/PE

2.5 mm²

6.1 x 90 x 48
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3, A4 / V-0			

CE ENEC N

Rated connection

0.5...4 / 1.5...4

0.5...4 / 0.5...4

/ (M 2.5)

8 / 0.6 x 3.5 mm

Further connection refers to clamping point at top left (A4)
2-conductor, 1.5 mm², solid, with 0.6 Nm

Type	Qty.	Order No.
WDL 2.5/L/L/PE	50	1030200000
PE connection is marked green-yellow		

Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000
WAP WDL2.5	20	1067800000
WHP WDL2.5/S BL	20	1067980000
WEW 35/2	50	1061200000
SWIFTY SET	1	9006060000
SDIS 0.6X3.5X100	1	2749810000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000



Building installation wiring

Screw connection



Width/Height/Depth	mm
max. current / max. cond. cross-section	A
Max. clamping range	mm ²

Technical data

Rated data	
Rated voltage to adjoining terminal	-
Rated current	A
for wire cross-section	mm ²
Rated impulse withstand voltage / Pollution severity	
Gauge to IEC 60947-1 / UL 94 flammability rating	
Approvals	
Clamped conductors (H05V/H07V)	
Solid / Stranded	mm ²
Flexible / Flexible with ferrule	mm ²
Tightening torque (clamping screw for copper conductors)	-
Tightening torque (separating screw)	
Stripping length / Blade size	mm/-

Note

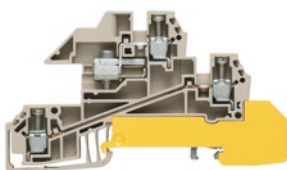
Ordering data

Version	dark beige
Note	

Accessories

Screwable cross-connection	
2-pole	
3-pole	
4-pole	
10-pole	
20-/24-pole	
End bracket	
dark beige	
End plate / Partition plate	
dark beige	
Support bracket for 10 x 3 (required every 20 cm)	
dark beige	
Busbar 10 x 3 (140 A)	
Ok, busbar up to Ok, TS 35 = 25.5 mm	
Clamping yoke for power supply to 10 x 3 busbars	
Rigid / flexible 0.5 - 6 / 4 mm ²	
Rigid / flexible 6 - 16 mm ²	
flexible 16 - 35 mm ²	
Marking tags	

WDL 2.5/S/NT/L/PE

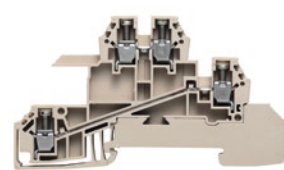
2.5 mm²

6.1 x 84.5 x 48	
32 / 4	
0.13...4	

In accordance with IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
300	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
	4 kV / 3		
	A3 / V-0		
CE CB ENEC NRTL			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.25...2.5			
/ (M 2.5)			
8 / 0.6 x 3.5 mm			
Rated voltage L-PE and L-NT 250 V.			
Tightening torque for isolator 0.4...0.6 Nm			

WDL 2.5/S/L/L

2.5 mm²

6.1 x 84.5 x 48	
32 / 4	
0.13...4	

IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
300	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
	6 kV / 3		
	A3 / V-0		
CE CB ENEC NRTL			
Rated connection			
0.5...4 / 1.5...4			
0.5...4 / 0.25...2.5			
/ (M 2.5)			
8 / 0.6 x 3.5 mm			

Type	Qty.	Order No.
WDL 2.5/S/NT/L/PE	50	1030600000
PPE connection marked green/yellow, three-phase circuit together with WDL 2.5/S/L/L		

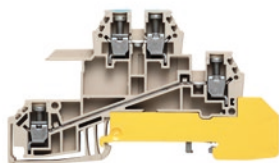
Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000
WEW 35/2	50	1061200000
WAP WDL2.5/S	20	1067700000
WHP WDL2.5/S BL	20	1067980000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000

Type	Qty.	Order No.
WDL 2.5/S/L/L	50	1031200000
WDL 2.5/S/N/L Order no. 1030800000 (upper connection marked blue).		

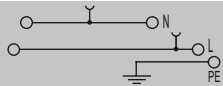
Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000
WEW 35/2	50	1061200000
WAP WDL2.5/S	20	1067700000
WHP WDL2.5/S BL	20	1067980000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000

For detailed information on other accessories and application in the online catalogue

WDL 2.5/S/N/L/PE

2.5 mm²

6.1 x 84.5 x 48
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			

CE ENEC NRTL

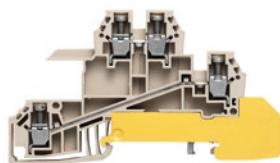
Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.25...2.5
/ (M 2.5)

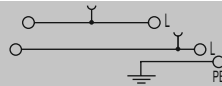
8 / 0.6 x 3.5 mm

LPE / L-N 250 V

WDL 2.5/S/L/L/PE

2.5 mm²

6.1 x 84.5 x 48
32 / 4
0.13...4



IEC 60947-7-1 (-7-2)

IEC	UL	CSA	EN 60079-7
	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
4 kV / 3			
A3 / V-0			

CE ENEC NRTL

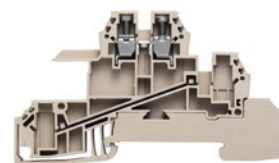
Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.25...2.5
/ (M 2.5)

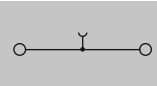
8 / 0.6 x 3.5 mm

LPE 250 V

WDL 2.5/S/L

2.5 mm²

6.1 x 84.5 x 48
32 / 4
0.13...4



IEC 60947-7-1

IEC	UL	CSA	EN 60079-7
	300	300	
24	15	10	
2.5	AWG 26...12	AWG 26...12	
6 kV / 3			
A3 / V-0			

CE ENEC NRTL

Rated connection

0.5...4 / 1.5...4
0.5...4 / 0.25...2.5
/ (M 2.5)

8 / 0.6 x 3.5 mm

Type	Qty.	Order No.
WDL 2.5/S/N/L/PE	50	1030700000
PE connection is marked green-yellow		

Type	Qty.	Order No.
WDL 2.5/S/L/L/PE	50	1031100000
PE connection is marked green-yellow		

Type	Qty.	Order No.
WDL 2.5/S/L	50	1031300000
WDL 2.5/S/N Order no. 1030900000 (connection marked blue).		

Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000
WEW 35/2	50	1061200000
WAP WDL2.5/S	20	1067700000
WHP WDL2.5/S BL	20	1067980000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000

Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000
WEW 35/2	50	1061200000
WAP WDL2.5/S	20	1067700000
WHP WDL2.5/S BL	20	1067980000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000

Type	Qty.	Order No.
Q 2 WDL2.5S	24 A 50	1071500000
Q 3 WDL2.5S	24 A 50	1071600000
Q 4 WDL2.5S	24 A 50	1071700000
Q 10 WDL2.5S	24 A 20	1071800000
Q 20 WDL2.5S	24 A 20	1074200000
WEW 35/2	50	1061200000
WAP WDL2.5/S	20	1067700000
WHP WDL2.5/S BL	20	1067980000
SSCH 10X3X1000 CU/SN	140 A 1	0348900000
ZB 4	50	0316500000
ZB 16 ZKSC	50	0316600000
ZB 35/M6X16	20	0266500000
DEK 5/5 MC NE WS	1000	1609801044
WS 8/5 MC NE WS	720	1640740000





Installation

Installation	Assembly instructions	C.2
	Mounting accessories	C.10
	Busbars and accessories	C.24
	Marking system	C.34
	Tools	C.40
	Enclosure system	C.42
	Materials	C.44
	Standards and regulations	C.48
	Types	C.56

General technical notes

Useful tips from planning through to installation

As a system planner, you bear the responsibility for the correct selection of solutions and components. The IEC standard and the DIN EN 61439 “Low-voltage switchgear and controlgear assemblies” standard support you here. They stipulate the planning and construction requirements, as well as the necessary design verifications. The essential prerequisites are, of course, professional handling of equipment and observance of the rules in force. Only in this way can hazards to persons and property be avoided when they are dealing with electrical energy. In particular, installation, maintenance work, modifications and retrofitting may only be carried out by qualified personnel and in compliance with the general installation and safety regulations for work on power installations.

Our promise

Connections in the panel have to satisfy numerous rules and conditions. Whether installing terminal strips and terminal blocks or using aluminium conductors – we provide you with useful tips that make your work easier.

Operating conditions

The specifications contained in the documentation apply, insofar as no separate stipulations apply, for the recommended installation position and for environmental conditions in the case of indoor installation (pollution severity 3, in exceptional cases 2) in accordance with IEC 60439-1 and IEC 61439-1/2/3. The user has to refer the manufacturer to special operating conditions deviating from this standard! You have to provide for installation-specific reduction factors depending on the actual operating conditions. The load factors listed in the table below constitute guidelines.

What you have to observe for installation

In the case of products containing cartridge fuses, you have to follow the specifications from the associated product standards with regard to the wire cross-sections to be connected. The specified temperature resistance of the plastics used has to be observed.

Here, we recommend installing the products vertically on horizontal terminal rail systems. The rated load factors in the table are applicable for this installation position and also for components with permissible power losses. This also pertains to the environmental conditions in accordance with IEC 60439-1, section 6.1.1.1 and IEC 61439-2/3, section 7.1.1.1.

Guidelines for rated load factors

Number of main circuits	Rated load factor	
	acc. to IEC 61439-2	acc. to IEC 61439-3
2 and 3	0.9	0.8
4 and 5	0.8	0.7
6 to 9 inclusive	0.7	0.6
10 and more	0.6	0.5

IEC 61439
Part 2: Power switchgear and controlgear assemblies
Part 3: Distribution boards intended to be operated by ordinary persons

And what if the conditions deviate

In case of a deviation in the installation position and operating conditions, you have to consider all the factors influencing the maximum temperature. These include, for example:

- Power output of the cartridge fuses and the devices in operation
- Timings, full and partial load, concurrency
- Arrangement in the system, mutual interaction between the devices
- Rail cross-section, conductor cross-section
- Ambient temperature, flow conditions, ventilation and cooling through additional correction factors

Installation positions are inadmissible in which gravity works against the direction of contact movement. Clearance and creepage distances have to be measured in accordance with IEC 60664-1 (VDE 0110 Part 1). Above 12 mm, all IEC requirements are met up to 690 V AC. You also have to consider further factors, such as minimum distances to grounded parts. This particularly applies for UL applications. You also need to avoid the harmful influences of chemical substances during storage, processing and operation.

% marking

Our products are subject to mandatory %-marking in conjunction with Low Voltage Directive 73/23/EEC, as amended by Directive 2014/35/EU. We have affixed the % mark on the individual packing units and partly on the products themselves. We hereby confirm to you that our products comply with the applicable regulations. We would be pleased to provide you with the relevant declarations of conformity at our company.

RoHS Directive

The restriction on lead and five further potentially hazardous substances used in electrical and electronic equipment is defined by the EU RoHS Directive. You will find more information at:

www.weidmueller.com/rohs

REACH Regulation

The European chemical regulation REACH stands for the Registration, Evaluation, Authorisation and restriction of Chemicals. You will find current information at:

www.weidmueller.com/reach

Our tips for you

It always has to be ensured that ...

- all accessible parts are deactivated during installation and maintenance work
- connections are made with the prescribed torque, suitable fitted parts are used and parts are completely installed for touch-safe protection
- connections are checked and, if necessary, tightened after transportation
- the products are used and operated according to the intended purpose
- the technical description in the product manual and the installation instructions are observed and the documents are kept accessible for subsequent maintenance work, modifications and retrofitting
- modifications that serve for advancement and technical progress are reserved

Mounting of terminal strips

Always a secure connection

Terminal strips are used for quick installation of cables and conductors. They are the interface from the panel to the outside world. Below, you will find some useful tips, information and binding rules to support you in mounting terminal strips.

Combinations of different terminal blocks

In case of a contour change, you have to use end plates and partition plates (WAP/TW, ZAP/TW and IAP). If terminal blocks with different rated voltages are arranged next to one another, you need end plates or partition plates (WAP/TW, ZAP/TW). Good to know: when arranging the PE terminal block next to, or between the associated feed-through terminals blocks of the same series and size, the rated voltage and the rated impulse voltage of the feed-through terminal blocks are not influenced.

Dimensions

The dimension of the housing enclosing the terminal blocks and fastening components is specified, but without tolerances. Please consider a mounting tolerance of 0.2 mm to the specified terminal width in your project design.

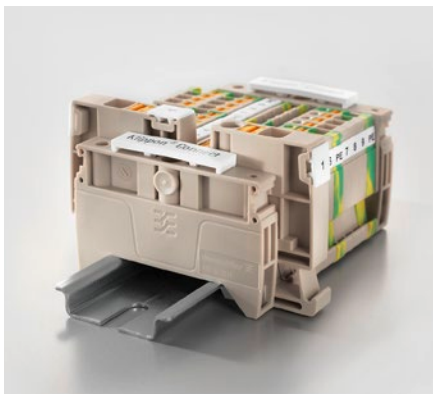
Partition plate

You use a partition plate for visual separation of circuits or for electrical isolation from neighbouring cross-connectors.

Small partition

In the case of terminal blocks, up to a terminal width of max. 12 mm, you can retroactively insert small partitions between cross-connections or sockets.

End bracket at the beginning and end of the terminal strip



Partition plates improve the overview



Troubleshooting with bipolar voltage tester incl. measurement probe according to IEC 61243-3



Compliance with the rated insulation voltage

We specify the required stripping length for all our products in mm. These lengths, e.g. $6 \text{ mm} \pm 0.5 \text{ mm}$, $\geq 10 \text{ mm} \pm 1 \text{ mm}$ are absolutely binding. This is also the case if you use wire-end ferrules. IEC 60947-1 applies for the outside dimension of crimped wire-end ferrules.

Working on electrical connectors with non-insulated screwdrivers

The following five rules apply for working on electrical systems and equipment with non-insulated screwdrivers:

- Disconnect the electrical systems
- Prevent from being switched back on
- Ascertain absence of voltage
- Earth and short-circuit
- Cover or block off neighbouring parts under voltage

Please find the individual measures to be taken in consideration of the operational and local conditions, for example high voltage and low voltage lines, cables or switchgear systems, in VDE 0105 Part 100.

Unused contact points under voltage

Protect unused contact points that may be live against inadvertent touching by using suitable covers, such as ADP 1 to 4. The clamping screws of unused contact points that are not live must also be tightened.

Tightening torque range for clamping screws

The test torque according to IEC 60947-1 or the torque according to the manufacturer's specifications is the lower value of the torque range. With this, all tests are passed. The upper value of the torque range is the maximum torque that may be applied.

Preferably set the electrical torque screwdriver to the midpoint torque of the terminal torque range. We have assigned product-specific data directly to the respective products.

Tightening the clamping screw in the specified torque ranges ensures:

- Reliable and gas-tight clamping
- No mechanical destruction of the clamping yokes
- Voltage drop well below the required limit value

Our installation tips for you

- The terminal strip structure is from left to right
- Place the closed side to the left, the open side to the right
- Always close the open side of the terminal strip with end plates or separation plates (WAP/TW, ZAP/TW)
- End brackets have to be placed at the beginning and end of a terminal strip

Connecting terminal blocks

With the right torque

The right torque is a decisive factor in professional connection of terminal blocks in order to avoid damage to the electrical systems. Therefore, always apply the tightening torque specified in the installation instructions or on the Internet for the product.

Unless limits are specified, the deviation of the tightening torque for screw and clamp connections may be a maximum of ± 20 percent of the rated value. If no range is specified for clamping cross-sections, the lower clamping range is

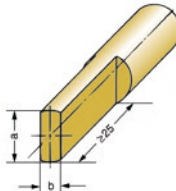
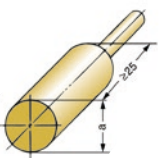
limited to two levels below the rated cross-section. Please find the relationships between the wire cross-sections in mm^2 and AWG/MCM sizes in the table below.

General technical data for conversion AWG* conductor to mm^2

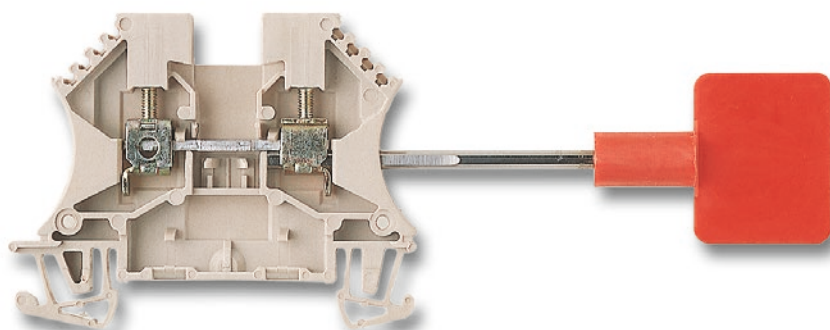
AWG	mm^2
28	0.08
26	0.13
24	0.20
22	0.33
20	0.52
19	0.65
18	0.82
17	1.04
16	1.31
15	1.65
14	2.08
13	2.63
12	3.31
11	4.17
10	5.26
9	6.63
8	8.37
7	10.55
6	13.30
5	16.77
4	21.15
3	26.67
2	33.63
1	42.41
0	53.48

Plug gauge according to IEC 60947-1: insertability of unprepared round conductors with the largest defined cross-section

Test with the defined gauge, insertion under own weight

Cable diameter		Gauge						
		Shape A			Shape B			
								
Flexible conductors mm^2	Solid conductors (one or more wires) mm^2	Designation	Diameter a mm	Width b mm	Designation	Diameter a mm	Permissible deviation for a and b mm	
1.5	1.5	A 1	2.4	1.5	B 1	1.9	0 - 0.05	
2.5	2.5	A 2	2.8	2.0	B 2	2.4		
2.5	4	A 3	2.8	2.4	B 3	2.7		
4	6	A 4	3.6	3.1	B 4	3.5	0 - 0.06	
6	10	A 5	4.3	4.0	B 5	4.4		
10	16	A 6	5.4	5.1	B 6	5.3		
16	25	A 7	7.1	6.3	B 7	6.9	0 - 0.07	
25	35	A 8	8.3	7.8	B 8	8.2		
35	50	A 9	10.2	9.2	B 9	10.0		
50	70	A 10	12.3	11.0	B 10	12.0	0 - 0.08	
70	95	A 11	14.2	13.1	B 11	14.0		
95	120	A 12	16.2	15.1	B 12	16.0		
120	150	A 13	18.2	17.0	B 13	18.0		

* AWG is the abbreviation for "American Wire Gauge".



Approval of wire-end ferrules

Wire-end ferrules are only ever approved for applications according to IEC/EN standards. We tested examples for the application of wire-end ferrules; this does represent any form of general approval for different ferrule pressings. You may have to reduce the maximum wire cross-sections. Conductors have to be manufactured taking into consideration the requirements of IEC/EN 60999-1 and -2 and have to be configured such that there is no tensile loading.

Two conductors at a contact point

You achieve assignment to individual circuits, identification and division of individual functional units optimally by only connecting one conductor to each contact point. Terminal blocks with screw connection (W-Series) are available to you should two conductors of the same cross-section be connected to a contact point. The connection of two cables with screwless contact points is forbidden according to DIN IEC 60999-1. Connection of two conductors is possible in terminal blocks with spring connection, however, by using twin wire-end ferrules.

Continuous current for two conductors

The total current of two conductors must not exceed the continuous current of the terminal block. The continuous current is the maximum current a terminal block can carry without exceeding a temperature increase of 45 K.

Rated voltage

The rated voltage of the terminal block does not change with the proper connection of two conductors.

Use of aluminium conductors

Very secure contact

Aluminium conductors have many advantages. However, various conditions must be met in order to achieve secure contact with these conductors. The specifications for the conductor connections for terminal blocks only apply for copper conductors. They do not apply to aluminium conductors.

Why is the use of aluminium conductors so attractive?

The use of aluminium conductors is becoming increasingly attractive, especially when conductors with cross-sections over 16 mm² are used. One advantage of aluminium as a wire material is its favourable price as compared with copper. Aluminium also weighs significantly less. This makes routing cables much easier.

Properties and physical influences of aluminium

The direct contact of aluminium as an electrical conductor is essentially determined by three physical influences:

- Exposure to oxygen immediately forms a non-conducting oxide layer on the surface of the aluminium conductor. The result is an increase in the contact resistance between the connection system and the aluminium conductor. In the worst case, this can lead to the terminal block catching fire.
- The conductivity of aluminium is one-third lower than that of copper. For this reason, the selection of the right cross-section should always be dependent on the maximum anticipated current. When using aluminium conductors, we therefore recommend always selecting one conductor size larger for the same current carrying capacity.
- Aluminium has a tendency to flow under mechanical pressure loading. This necessitates checking the specified torque prior to initial use and monitoring the torque applied after approx. 200 operating hours.

Professional processing and handling of aluminium conductors for direct connection

In order to ensure optimal connection of solid and sectional core aluminium conductors, the stripped end of the conductor must be cleaned of the oxide layer immediately by scraping, e.g. with a knife. Please note that no brushes, files or sandpaper may be used, as aluminium particles could be stuck and thus transferred to other conductors.

Immediately after removing the oxide layer, the end of the conductor has to be rubbed with neutral grease (for example with acid and alkali free vaseline) and connected in the terminal immediately. If the conductor has been disconnected and reconnected, the work steps have to be repeated.



In case of WDU 240, the manufacturer's specifications concerning current-carrying capacity of the aluminium conductor used have to be observed. This is usually well below 400 A.

Professional preparation and handling of aluminium conductors with indirect connection

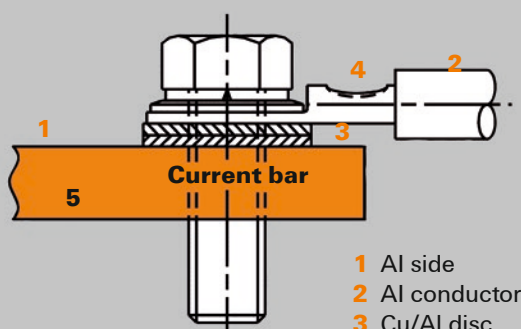
Indirect connection of aluminium conductors is the safest choice. This can be enabled through the use of connecting elements, such as Al/Cu ring cable lugs or compression bolts. Nevertheless, the relevant manufacturer's specifications must also be observed here and the contact point checked according to the operating instructions.

For normal environmental conditions and load cases, we recommend checking at intervals of six months. With unfavourable operating conditions or frequent temperature changes at the contact points, a shorter interval may be necessary. Temperature measurement strips with storage of maximum values can be attached in the immediate vicinity of the contact points and may be useful for objective assessment with regular tests. All contact points are suitable for the connection of one conductor, unless noted otherwise.

Installation instructions for flat cable lugs

When tightening the terminals, it is recommended to apply a counter-force on the conductor to avoid deformation of the terminal rail and to keep the foot of the terminal free of torsion forces. Connection of stranded aluminium conductors to terminal blocks is achieved with the aid of an aluminium cable lug. This is selected according to the shape of the conductor and is connected to the cable lug manufacturer's specifications. Cu/Al washers are required at the junction of aluminium cable lugs to the terminal block current bar. Only then is a smooth transition from copper to aluminium ensured. They are fitted such that the copper side of the current bar and the aluminium side make contact with the aluminium cable lug.

Mounting screw



- 1 Al side
- 2 Al conductor
- 3 Cu/Al disc
- 4 Al cable lug
- 5 Cu side

Installation in conformity with standards

With precisely matched accessories

When mounting terminal blocks and assembling panels, you must always be able to rely on accessories fitting perfectly. Only then do the processes run smoothly and therefore productively. The requirements placed on terminal rails, busbars, as well as cover plates and support brackets, are correspondingly high. They have to comply with numerous standards and safety regulations.

Our promise

Our components are aligned to each other right down to the finest detail and hence make installation easier for you.

Information and ordering data for mounting accessories is available to you in our online catalogue.

Terminal rails

Terminal and top-hat rails for component mounting and end brackets are important for holding and insulating the components. Depending on the application area, we offer terminal rails made of steel, stainless steel, aluminium, copper or plastic.

Stainless steel

Stainless steel is a collective term for all types of steel (alloys) with a high degree of purity and corrosion resistance.

Aluminium

Aluminium has the second best electrical conductivity after copper. One advantage is low weight, another is outstanding corrosion protection.

Copper

Copper has the best electrical conductivity of all metals used. The copper rail has the highest short-circuit protection.

Plastic

Plastic terminal rails have insulating properties and are very light. They can be used where clearance and creepage distances to the support bracket cannot be achieved with standard terminal rails.

Steel

Steel terminal rails are the most widespread on the market. Among metal terminal rails, they have the lowest short-circuit protection, similar to stainless steel.

Use as PE conductors or PEN busbars

Under certain circumstances, you can also use terminal rails as bus bars for protective conductors (PE conductors) or PEN conductors. The Weidmüller PE terminal blocks with spring and screw connections fulfil the requirements for PE conductors defined in IEC 60 947-7-2. According to VDE 0100 Part 540, protective earth conductors and neutral conductors with wire cross-sections above 10 mm² may be combined to form a conductor abbreviated as PEN.

Our installation tip

If a terminal rail is used as a PEN busbar, the following criteria have to be observed:

- Only profiles made of E-Cu or aluminium are permissible
- Short-circuit currents and thermal rated currents
- Insulate terminal rails with the "protective insulation" protective measure



Busbars

In the case of switchgear and control systems it, may be necessary to bring the neutral and PE conductor together on busbars. They offer the possibility of connecting a large number of conductors (on 1 m rails up to 70 conductors) with a low space requirement – either via a pressure piece or a clamping yoke. The SH rail support (which can also be arranged between the clamping yokes for longer bar) serves for fixing purposes. If the clamping yoke is used as protective earth connection, we can optionally supply it with green-yellow or as neutral conductor with blue insulation cap.

Cover profiles and support brackets

Several safety regulations, such as the accident prevention regulation “Electrical Installations and Equipment” (VBG 4) and VDE 0106 Part 100/3.83, require from you that active parts of electrical equipment are protected against direct touching. Our cover profiles with associated support brackets may be used for the most common terminal sizes. The support brackets can be arranged at the end or along the the terminal strip. They can be fastened to TS 32, TS 35 or TS 15 terminal rails.

Our installation tip

- In order to combine neutral or protective earth conductors at a central point, the ZB clamping yoke can be used together advantageously with the 10 × 3 or 6 × 6 busbars
- The ZBE 6 can be retroactively swivelled on to the busbars

Our installation tip

- Linear intervals of the support brackets: the linear measure of the ADP 1, 2 and 3 between the support brackets should not significantly exceed 300 mm
- The cover profile is also snapped on to tags at the sides; extra tightness is achieved with pegs on the support brackets for sealing purposes
- The transparent design of the profiles allows terminals with accessories and marking to be identified at any time. Additional markings, e.g. from groups, can also be applied

Mounting accessories – Busbars

Busbars, unslotted



SSch

Type	Material	Cross-section	Length	Rated current	Qty.	Order No.
SSCH 6X6X1000 CU/SN	Copper	6...6 mm		140 A	1	0571300000
SSCH 10X3X1000 CU/SN	Copper	10...3 mm		140 A	1	0348900000
PFBD 10.00x3.00x1000 CuZn35Pb	Brass	10...3 mm		100 A	1	0259800000
SSCH 10X3X1000 ST/ZN	Steel	10...3 mm			1	0438000000
SSCH 15X6X1000 CU/SN	Copper	15...6 mm		265 A	1	0357400000
SSCH 10X3X2000 CU VERZ.	Copper	10...3 mm			2	1397000000

Busbars, slotted



NSch / ESch

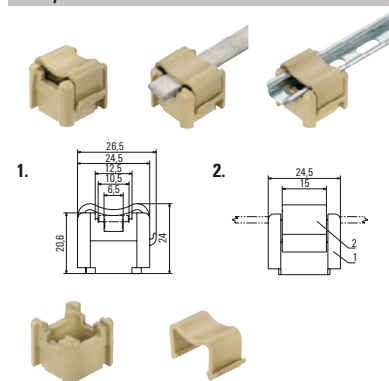
Type	Material	Cross-section	Length	Rated current	Qty.	Order No.
ESCH 1 M	Steel	1000...2 mm		24 A	1	0280300000
NSCH 1M	Copper	1000...2 mm		24 A	1	0280200000
NSCH 2M	Copper	2000...2 mm		24 A	2	1313600000
Pressure piece					Qty.	Order No.
DKSUE NSCH/ESCH					100	0280100000
Clamping screw						
BFSC M5X8 SCHLITZ					100	0296700000

Technical data

Solid	...
Stripping length	
Cable lug to DIN 46234	
Current	

Rail support

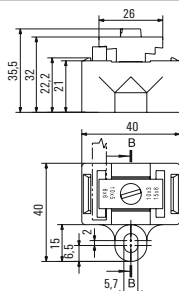
With yoke and base

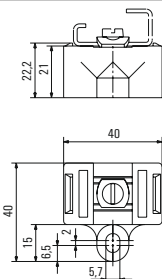


SH 1

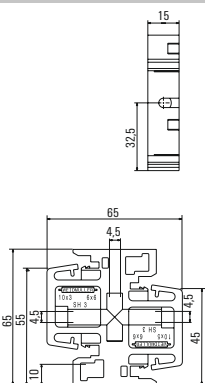
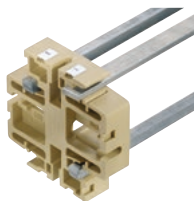
Type	Width	Height	Depth	Qty.	Order No.
SH 1	26 mm	24.5 mm	24 mm	20	0299860000
Individual parts				Qty.	Order No.
SO SH1				20	0401460000
KLBUE SH1				20	0635960000
Screwable cross-connection					
BFSC M4X9T				100	0103300000
BFSC M4X30				50	0267100000
SH 1: for busbar cross-section 10 x 3, 6 x 6, 15 x 2, 12 x 2, 15 x 2, 15 x 6					

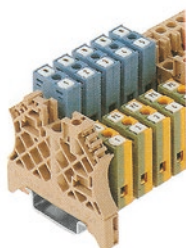
With metal bridge





With metal bridge





Type	Width	Height	Depth	Qty.	Order No.
SH 2 S	40 mm	40 mm	35.5 mm	10	0641720000
For busbar cross-section 10 x 3, 6 x 6, 10 x 5, 15 x 6					

Type	Width	Height	Depth	Qty.	Order No.
SH 2 S	40 mm	40 mm	35.5 mm	10	0641720000
For busbar cross-section 10 x 3, 6 x 6, 10 x 5, 15 x 6					

Type	Width	Height	Depth	Qty.	Order No.
SH 2	40 mm	40 mm	25 mm	10	0494920000
The arrangement of mounting rails in totally insulated facilities					

Type	Width	Height	Depth	Qty.	Order No.
SH 2	40 mm	40 mm	25 mm	10	0494920000
The arrangement of mounting rails in totally insulated facilities					

Type	Width	Height	Depth	Qty.	Order No.
SH 3	65 mm	15 mm	65 mm	10	0556660000
For busbar cross-section 10 x 3, 6 x 6, 10 x 5					

Type	Width	Height	Depth	Qty.	Order No.
SH 3	65 mm	15 mm	65 mm	10	0556660000
For busbar cross-section 10 x 3, 6 x 6, 10 x 5					

Type	Width	Height	Depth	Qty.	Order No.
Polyamide with fibre glass, screwable					
WEW 35/1	12 mm	56 mm	62.5 mm	50	1059000000
WEW 35/2	8 mm	56 mm	46.5 mm	50	1061200000
WEW 35/1 GR	12 mm	56 mm	62.5 mm	50	1227890000
WEW 35/1 SW	12 mm	56 mm	63 mm	50	1162600000
WEW 35/2 GR	8 mm	56 mm	46.5 mm	100	1859200000
WEW 35/2 SW	8 mm	56 mm	47 mm	100	1061210000
For busbar cross-section 10 x 3, 6 x 6					

Type	Width	Height	Depth	Qty.	Order No.
Polyamide with fibre glass, screwable					
WEW 35/1	12 mm	56 mm	62.5 mm	50	1059000000
WEW 35/2	8 mm	56 mm	46.5 mm	50	1061200000
WEW 35/1 GR	12 mm	56 mm	62.5 mm	50	1227890000
WEW 35/1 SW	12 mm	56 mm	63 mm	50	1162600000
WEW 35/2 GR	8 mm	56 mm	46.5 mm	100	1859200000
WEW 35/2 SW	8 mm	56 mm	47 mm	100	1061210000
For busbar cross-section 10 x 3, 6 x 6					

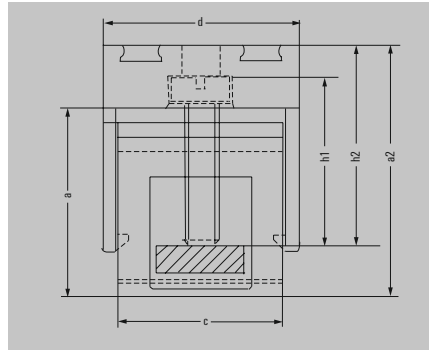
Busbar tap terminal



WBBD 16

Type	Rated voltage	Rated current	Clamping range min. / max.	Colour	Qty.	Order No.
WBBD 16 BL	690 V	114 A	1...16 mm²	blue	12	2603850000
WBBD 16 GN	690 V	114 A	1...16 mm²	green	12	2603860000
WBBD 16 GY	690 V	114 A	1...16 mm²	grey	12	2603840000


Clamping yoke, uninsulated




Tightening torques for clamping screws according to IEC 60947-1

Products with screw with slotted head		
Thread	Tightening torque	
	Steel screws	A 2/A 4-80
	min. 8.8	[Nm]
M 2	0.2...0.35	0.2...0.35
M 2.5	0.4...0.8	0.4...0.8
M 3	0.5...1.0	0.5...1.0
M 3.5	0.8...1.6	0.8...1.6
M 4	1.2...2.4	...
M 5	2.0...4.0	...
M 6	2.5...5.0	...


for busbar 10 x 3 mm

	Solid	0.5...6 mm ²
	Flexible	0.5...4 mm ²
	Stranded	...
	Clamping screw	M 3
	Stripping length	16 mm


for busbar 10 x 3 mm

For subsequently slewing-in		
	Solid	1...10 mm ²
	Flexible	1.5...10 mm ²
	Stranded	...
	Clamping screw	M 4
	Stripping length	19 mm


for busbar 10 x 3 mm

Also for 10 x 5 mm busbars		
	Solid	1.5...10 mm ²
	Flexible	2.5...10 mm ²
	Stranded	...
	Clamping screw	M 4
	Stripping length	19 mm


for busbar 10 x 3 mm

	Solid	2.5...16 mm ²
	Flexible	2.5...16 mm ²
	Stranded	16...25 mm ²
	Clamping screw	M 4
	Stripping length	16 mm


for busbar 10 x 3 mm

	Solid	16...16 mm ²
	Flexible	16...35 mm ²
	Stranded	...
	Clamping screw	M 6
	Stripping length	19 mm

for busbar 6 x 6 mm

	Solid	0.5...6 mm ²
	Flexible	0.5...4 mm ²
	Stranded	...
	Clamping screw	M 3
	Stripping length	16 mm

for busbar 6 x 6 mm

	Solid	2.5...16 mm ²
	Flexible	2.5...16 mm ²
	Stranded	16...25 mm ²
	Clamping screw	M 4
	Stripping length	12 mm

ZB 4

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4	silver	5.3 mm	15.5 mm	16 mm	50	0316500000
IK 4 BL ZB4	silver	6 mm	19 mm	14.5 mm	50	0475480000
IK 4 GG ZB4	silver	6 mm	19 mm	14.5 mm	50	0475460000

ZBE 6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZBE 6	silver	8 mm	19 mm	28 mm	50	0459500000
IK 6 GG ZBE6K	silver	7.8 mm	22.5 mm		50	0526060000

ZB 10

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 10 F.10X3/10X5/10X10	silver	8 mm	19.5 mm	29.1 mm	50	1261300000

ZB 16

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16 ZKSC	silver	10 mm	16 mm	24 mm	50	0316600000
IK 16/ZB16 BL	silver	9 mm	19 mm	20 mm	50	0502980000
IK 16/ZB16 GG	silver	9 mm	19 mm	20 mm	50	0502960000

ZB 35

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 35/M6X16	silver	14 mm	18 mm	34 mm	20	0266500000
IK 35/ZB35 BL	silver	14 mm	32 mm	8.6 mm	50	0502780000

ZB 4/6

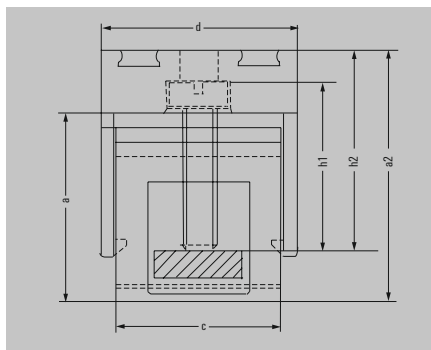
Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4/6	silver	5.3 mm	12 mm	20 mm	50	0556700000

ZB 16/6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16/6	silver	10 mm	12.5 mm	30.7 mm	50	0556800000

Mounting accessories – Busbars

Clamping yoke, insulated



for busbar 10 x 3 mm



Solid	0.5...6 mm ²
Flexible	...
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

for busbar 10 x 3 mm

For subsequently slewing-in



Solid	1...10 mm ²
Flexible	1.5...10 mm ²
Stranded	...
Clamping screw	M 4
Stripping length	19 mm

for busbar 10 x 3 mm



Solid	2.5...16 mm ²
Flexible	2.5...16 mm ²
Stranded	16...25 mm ²
Clamping screw	M 4
Stripping length	16 mm

for busbar 10 x 3 mm



Solid	16...16 mm ²
Flexible	16...35 mm ²
Stranded	...
Clamping screw	M 6
Stripping length	19 mm

for busbar 10 x 3 mm

Tension clamp connection



Solid	0.5...4 mm ²
Flexible	0.5...2.5 mm ²
Stranded	...
Clamping screw	
Stripping length	10 mm

for busbar 6 x 6 mm



Solid	0.5...6 mm ²
Flexible	0.5...4 mm ²
Stranded	...
Clamping screw	M 3
Stripping length	16 mm

for busbar 6 x 6 mm



Solid	2.5...16 mm ²
Flexible	2.5...16 mm ²
Stranded	16...25 mm ²
Clamping screw	M 4
Stripping length	12 mm

ZB 4

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4G BL	silver	7.4 mm	19.5 mm	27 mm	50	0322180000
ZB 4G GN/GE	silver	7.4 mm	19.5 mm	27 mm	50	0322160000
ZB 4G SW	silver	7.4 mm	19.5 mm	27 mm	50	0322110000
ZB 4K BL	silver	6 mm	19 mm	20.4 mm	50	0475380000
ZB 4K GE/GN	silver	6 mm	19 mm	20.4 mm	50	0475360000

ZBE 6

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZBE 6K BL	blue	8 mm	22.5 mm	19.5 mm	50	0525980000
ZBE 6K GE/GN	yellow, green	8 mm	22.5 mm	19.5 mm	50	0525960000
ZBE 6K SW	black	8 mm	22.5 mm	19.5 mm	50	0525910000

ZB 16K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16K BL	silver	10 mm	19 mm	26.8 mm	50	0502880000
ZB 16K GE/GN	silver	10 mm	19 mm	26.8 mm	50	0502860000

ZB 35K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 35K BL M6X16	silver	14 mm	32 mm	34 mm	20	0502680000
ZB 35K GE/GN M6X16	silver	14 mm	32 mm	34 mm	20	0502660000
ZB 35K SW M6X16	silver	14 mm	32 mm	34 mm	20	0502610000

ZF 4 S

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZF 4 S	silver	6.1 mm	24.5 mm	22 mm	50	1814680000
ZF 4 S BL	silver	6.1 mm	24.5 mm	22 mm	50	1814660000
ZF 4 S GN	silver	6.1 mm	24.5 mm	22 mm	50	1814670000

ZB 4 / 6K

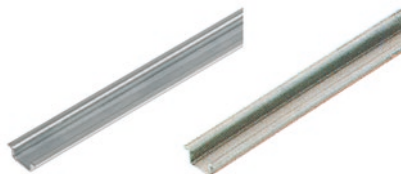
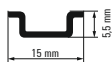
Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 4/6K BL	silver	6 mm	25 mm	14.7 mm	50	0565480000
ZB 4/6K GE/GN	silver	6 mm	25 mm	14.7 mm	50	0565460000

ZB 16 / 6K

Type	Colour	Width	Height	Depth	Qty.	Order No.
ZB 16/6K GE/GN	silver	10 mm	25 mm	30.7 mm	50	0569660000

TS 15 terminal rail

unslotted

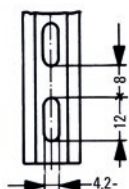


TS 15 x 5

Type	Permitted thermal current for PEN function, max.	Height	Length	Qty.	Order No.
Aluminium					
TS 15X5 2M/AL/BK	76.00 A	15 mm		2	0134700000
Steel, galvanised and passivated					
TS 15X5 2M/ST/ZN		15 mm		2	0514200000

TS 15 terminal rail

with slot



TS 15 x 5

Type	Permitted thermal current for PEN function, max.	Height	Length	Qty.	Order No.
Steel, galvanised and passivated					
TS 15X5/LL 2M/ST/ZN		15 mm		2	0117500000
TS 15X5/LL 1M/ST/ZN		15 mm		1	0117510000

TS 20 terminal rail



TS 20 x 10

Type	Permitted thermal current for PEN function, max.	Height	Length	Qty.	Order No.
TS 20/CX10 2M/ST/ZN		10 mm		2	0316400000

TS 27 terminal rail



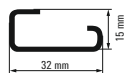
TS 27 x 12.5

Type	Permitted thermal current for PEN function, max.	Height	Length	Qty.	Order No.
TS 27X12.5M/ST/F.ZN		27 mm		2	1802690000

Mounting accessories – DIN rails

TS 32 terminal rail

unslotted

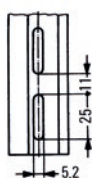


TS 32 x 15

Type	Permitted thermal current for PEN function, max.	Height	Length	Qty.	Order No.
Aluminium					
TS 32X15 2M/AL/BK	192.00 A	33 mm		2	0169300000
Steel, galvanised and passivated					
TS 32X15 2M/ST/ZN		33 mm		2	0122800000
Stainless steel, rust-proof					
TS 32X15 2M/CRN		33 mm		2	0293220000
TS 32X15 2M/AL/BK: max. permitted rated current for PEN function = 192 A					

TS 32 terminal rail

with slot

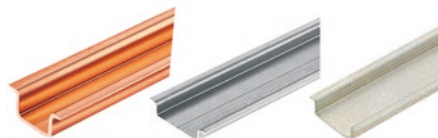


TS 32 x 15

Type	Permitted thermal current for PEN function, max.	Height	Length	Qty.	Order No.
Steel, galvanised and passivated					
TS 32X15/LL 2M/ST/ZN		33 mm		2	0514400000

TS 35 x 7.5 terminal rail

unslotted

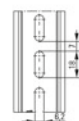
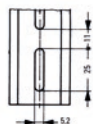


TS 35 x 7.5

Type	Permitted thermal current for PEN function, max.	Height	Length	Qty.	Order No.
Copper					
TS 35X15/2.3 2M/CU/BK	309.00 A	35 mm		2	0270100000
TS 35X7.5/1.0 2M/CU/BK		35 mm		2	2731380000
Aluminium					
TS 35X7.5 2M/AL/BK	125.00 A	35 mm		2	0330800000
Steel, galvanised and passivated					
TS 35X7.5 2M/ST/ZN		35 mm		2	0383400000
TS 35X7.5 1M/ST/ZN		35 mm		1	0383410000
Stainless steel, rust-proof					
TS 35X7.5 2M/CRN		35 mm		2	1747350000
TS 35X7.5 2M/CRN 316L		35 mm		2	2716000000
TS 35X7.5 2M/AL/BK: max. permitted rated current for PEN function = 125 A					

TS 35 x 7.5 terminal rail

with slot

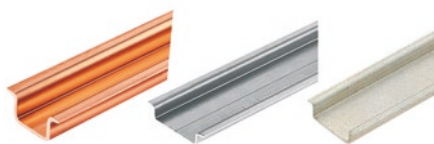


TS 35 x 7.5

Type	Permitted thermal current for PEN function, max.	Height	Length	Qty.	Order No.
Steel, galvanised and passivated					
TS 35X7.5/LL 1M/ST/ZN		35 mm		1	0514510000
TS 35X7.5/LL 2M/ST/ZN		35 mm		2	0514500000
TS 35X7.5/LL/6 2M/ST/ZN		35 mm		2	0514570000

TS 35 x 15 terminal rail

unslotted



TS 35 x 15

Type	Permitted thermal current for PEN function, max.	Height	Length	Qty.	Order No.
Copper					
TS 35X15/2.3 2M/CU/BK	309.00 A	35 mm		2	0270100000
Steel, galvanised and passivated					
TS 35X15/2.3 2M/ST/ZN		35 mm		2	0498000000
Aluminium					
TS 35X15/2.3 2M/AL/BK	232.00 A	35 mm		2	1848290000
TS 35X7.5 2M/AL/BK: max. permitted rated current for PEN function = 125 A					

TS 35 x 15 terminal rail

unslotted

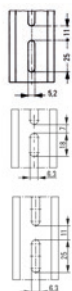


TS 35 x 15

Type	Permitted thermal current for PEN function, max.	Height	Length	Qty.	Order No.
Steel, galvanised and passivated					
TS 35X15 2M/ST/ZN		35 mm		2	0236400000
max. permitted rated current for PEN function: TS 35X15/2.3 2M/CU/BK = 309 A / TS 35X15/2.3 2M/AL/BK = 192 A					

TS 35 x 15 terminal rail

with slot



TS 35 x 15

Type	Permitted thermal current for PEN function, max.	Height	Length	Qty.	Order No.
Steel, galvanised and passivated					
TS 35X15/LL 2M/ST/ZN		35 mm		2	0236500000
TS 35X15/LL 1M/ST/ZN		35 mm		1	0236510000
TS 35X15/6X18 2M/ST/ZN		35 mm		2	1805980000
TS 35X15/6X25 2M/ST/ZN		35 mm		2	1866290000

TS 35 x 15 terminal rail

unslotted



TSK 35 x 15

Type	Permitted thermal current for PEN function, max.	Height	Length	Qty.	Order No.
Plastic PVC RAL 7035					
TSK 35X15 2M PVC/GR		35 mm		2	0514300000

Mounting accessories – DIN rails

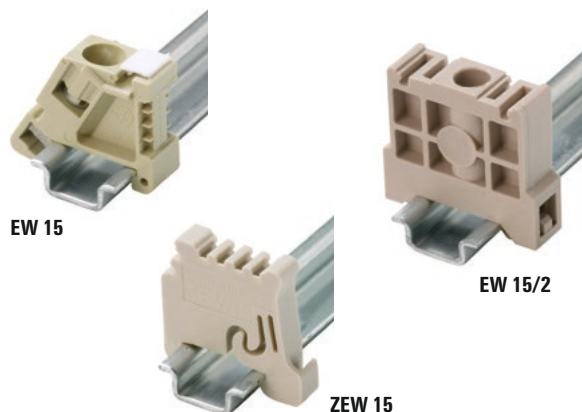
End cap for TS 35



End cap for TS 35

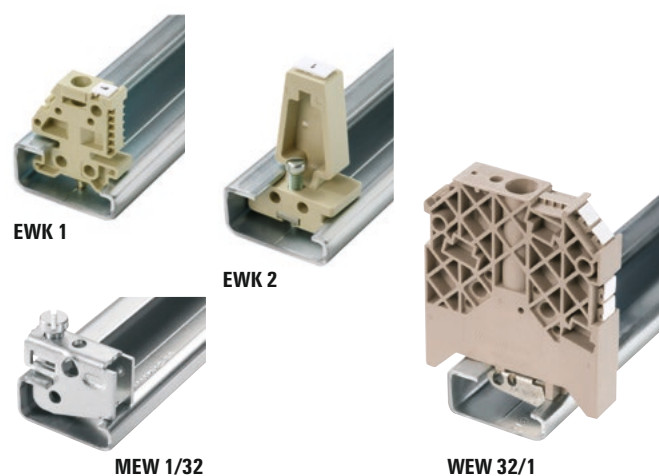
Type	Permitted thermal current for PEN function, max.	Height	Length	Qty.	Order No.
End cap TS 35 x 7.5					
TS END CAP 35X7.5		37.5 mm		100	1283470000
End cap TS 35 x 15					
TS END CAP 35X15		37.5 mm		100	1283480000

for TS 15 terminal rail



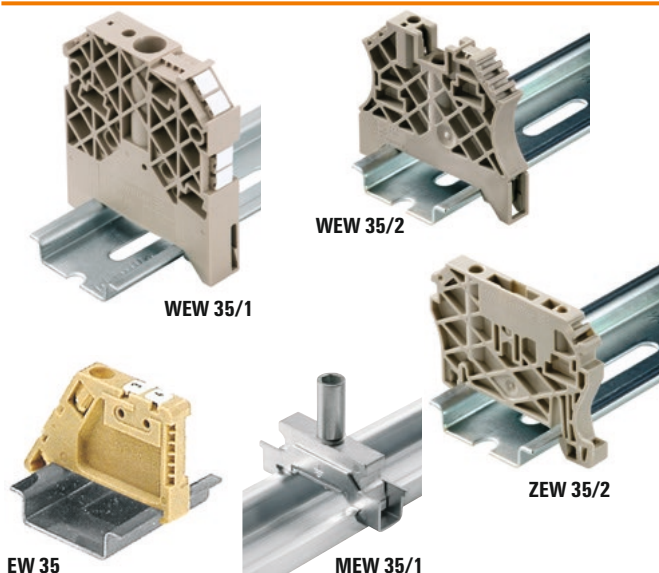
Type	Colour	Torque	Qty.	Order No.
Polyamide 66, screwable				
EW 15	beige		50	0382860000
Polyamide with fibre glass, screwable				
EW 15/2	dark beige		50	1071900000
Polyamide 66, screwless				
ZEW 15	beige		20	7920340000

for TS 32 terminal rail



Type	Colour	Torque	Qty.	Order No.
Polyamide 66, screwable				
EWK 2	beige		50	0199360000
EWK 1	beige		50	0206160000
Polyamide with fibre glass, screwable				
WEW 32/1	dark beige		50	1067600000
Metal, screwable				
MEW 1/32	grey		20	0445600000

for TS 35 terminal rail



Type	Colour	Torque	Qty.	Order No.
Polyamide with fibre glass, screwable				
WEW 35/1	dark beige	1.2 Nm	50	1059000000
WEW 35/2	dark beige	0.5 Nm	50	1061200000
WEW 35/1 GR	grey	1.2 Nm	50	1227890000
WEW 35/1 SW	black	1.2 Nm	50	1162600000
WEW 35/2 GR	grey	0.5 Nm	100	1859200000
WEW 35/2 SW	black	0.5 Nm	100	1061210000
Polyamide 66, screwless				
ZEW 35	dark beige		20	9540000000
ZEW 35/2	dark beige		20	8630740000
ZEW 35 GR	grey		20	1238040000
ZEW 35/2 GR	grey		20	1227850000
ZEW 35/2 SW	black		20	1162610000
Polyamide 66, screwable				
EW 35	beige	0.5 Nm	50	0383560000
EW 35 GR 7032	grey		50	0383530000
EW 35 DB	dark beige		50	1269050000
Metal, screwable				
MEW 35/1	grey		10	1805610000

For busbar cross-section 10 x 3, 6 x 6For busbar cross-section 10 x 3, 6 x 6

Mounting accessories – DIN rail support / mounting feet

Terminal rail support



TSTW 5/M5
TSTW 5/M5 verzinkt
TSTW 6/M6

Type	Internal thread	Qty.	Order No.
TSTW 5/M5	M 5	10	0178100000
TSTW 5/M5 ZN	M 5	10	1779100000
TSTW 6/M6	M 6	10	0164000000

Terminal rail supports of type TSTW serve for angled mounting of terminal rails at an angle of 35°.

Terminal rail support



TST

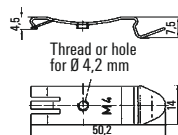
Type	Internal thread	Qty.	Order No.
TST 2/M5	M 5	10	1286600000
TST 2/M6	M 6	10	0101700000
Type	Internal thread	Qty.	Order No.
Mounting plates and fastening screws			
FKSC M6X8 D9/SW3		50	0642600000
Mounting screw			
FKSC M5X8 D9/SW2.5		50	0295900000
FKSC M6X12 D9/SW3		50	0353500000

The TST terminal rail support serves to install terminal rails in the frame or using a cut-out.
For the terminal rail supports, Weidmüller offers fastening screws with hexagonal socket and an especially low head, such that terminal blocks can also be mounted above the screw.

Mounting feet



FM 4



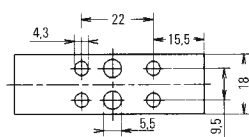
FM 5, FM 6 and FM 4.2: similar to illustrations

Type	Internal thread	Qty.	Order No.
FM 4 foot			
FM 4/TS35		40	0687900000
FM 5/TS35		40	0636800000
FM 6/TS35		40	0636900000
FM 4.2/TS35		40	1724580000

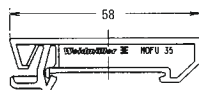
Mounting feet



MOFU 35/LO/1

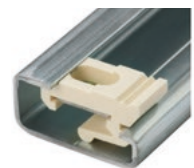


MOFU 35

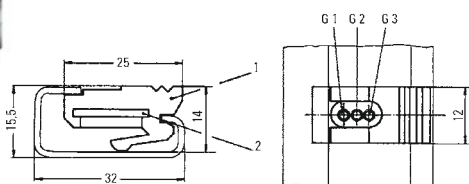


Type	Internal thread	Qty.	Order No.
MOFU 35/LO/1		20	0646260000
MOFU 35		20	0495660000
MOFU 35/LO/1 SW		20	0646210000

Mounting feet



MB



Type	Internal thread	Qty.	Order No.
MB M3/M5 CRM		20	0503500000
MB M5/M3 SW		20	0553400000
MB M6/M4 GR		20	0334900000

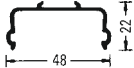

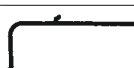
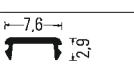
The sliding nuts for the TS 32 terminal rails are each fitted with two threaded holes for M3 + M5/M6 + M4/M5 + M3 screws. They serve to attach components that cannot be directly snapped onto the TS 32 and particularly to hold the smaller TS 15 top-hat rail. For example, small terminal blocks can firstly be snapped onto the TS 15 and then this rail can be attached to the TS 32 using the sliding nuts.

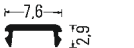
ADP

Cover strips



Material: unplasticised PVC
Supplied in 1 m lengths
Temperature limit: max. 70 °C

transparent Type	Order No.
ADP 1 	0485200000
ADP 2 	0485300000
ADP 3 	0485400000
ADP 4 (1000 mm) 	1430760000

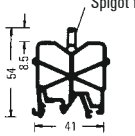
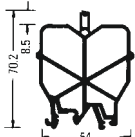
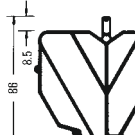
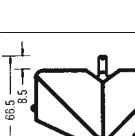
transparent Type	Order No.
ADP 4 (300 mm) 	1378160000

HP

Retaining plates



Material: PA 66
Thickness: 2 mm

For mounting on TS 35 / TS 32, with spigot for lead seal Type	Order No.
HP 1 	0485560000
HP 2 	0485660000
HP 3 	0485760000
HP 4 	0485860000

Covers

Overall dimensions	A	A	A	A	B	C
for mounting on terminal rails	TS 32	TS 35 x 7.5	TS 35 x 15	TS 15		
ADP 1, HP 1	61	56	63		49	6
ADP 2, HP 2	77	72	79		62.5	6
ADP 3, HP 3	94	89	86		92	6
ADP 3, HP 4	73.5	68.5	75.5		92	6
Marking materials	Type	Qty.	Order No.			
Card with warning "lightning flash", self adhesive 20 pcs. per card	BEZ-KARTE ADP	10	0566700000			

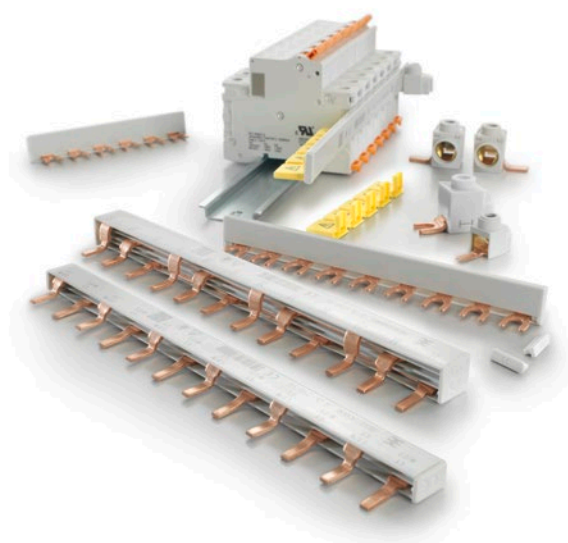
Phase rails with pin and fork contact

For simple and safe potential distribution on installation devices

To avoid additional wiring work, phase rails are used for potential distribution in industrial plants and especially in the building industry. They are used for potential distribution to other components in the control cabinet such as circuit breakers, residual current circuit breakers and other installation devices. In addition to the number of poles and the cross section, a distinction is also made in terms of the type of connection, provided either with bar or fork-type.

Our promise

Our range of busbars includes versions from 1-pole to 4-pole with bar and fork type variants. Tests according to DIN EN 61439-1 and DIN EN 61439-6 Stds. guarantee maximum product application safety. A corresponding range of accessories such as power supply modules, end caps and covers completes the product portfolio. Once the phase rails have been cut to length, the end caps ensure the required creepage distances in the system and guarantee finger safety in accordance with DIN EN 50274. Various feed modules facilitate handling when feeding the system.



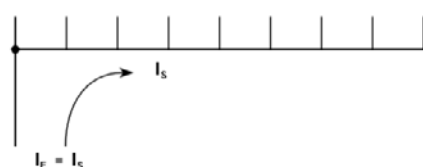
Our installation tip

- Always use end caps after cutting the busbars to length to ensure finger safety according to DIN EN 50274
- Lateral feed via the Fit 50... reduces the bending radius of the supply cable and thus simplifies wiring
- Protection cover indicate contact points not yet connected

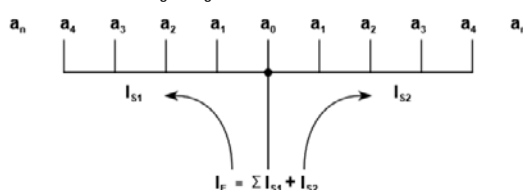
Current rating

	1-phase						2,3 and 4-phase			
Busbar cross-section in mm ²	0	12	16	20	25	36	10	16	25	36
Feed-in from side maximum busbar current I_s / Phase A	36	65	80	90	100	130	63	80	100	130
Feed-in from middle maximum current per branch I_E / Phase A	100	110	130	150	180	220	100	130	180	220
maximum feed-in current I_E / Phase A										

Feed-in at start of busbar



Feeding along the busbar or central feed-in



For central supply, it has to be made sure that the sum of the outgoing currents a_0 at each bus branch is not bigger than the above-mentioned max. busbar current I_s / phase

Single phase rails for LS, LS + HI and DO 1-pin Fork (M6)

- Can be cut to any length
- Finger safe according to DIN EN 50274



Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
G-1L-106/10	10 mm ²	63 A	6	17.80 mm	10	2657770000
G-1L-106/16	16 mm ²	80 A	6	17.80 mm	10	2657780000
G-1L-160/10	10 mm ²	63 A	9	17.80 mm	10	2657790000
G-1L-160/16	16 mm ²	80 A	9	17.80 mm	10	2657800000
G-1L-210/10	10 mm ²	63 A	12	17.80 mm	10	2657810000
G-1L-210/16	16 mm ²	80 A	12	17.80 mm	10	2657820000
G-1L-268/10	10 mm ²	63 A	15	17.80 mm	10	2657830000
G-1L-268/16	16 mm ²	80 A	15	17.80 mm	10	2657840000
G-1L-320/10	10 mm ²	63 A	18	17.80 mm	10	2657850000
G-1L-320/16	16 mm ²	80 A	18	17.80 mm	10	2657860000
G-1L-1000/10	10 mm ²	63 A	57	17.80 mm	10	2657870000
G-1L-1000/16	16 mm ²	80 A	57	17.80 mm	10	2657880000
G-1L+9-1000/10	10 mm ²	63 A	37	17.80 mm	10	2657890000
G-1L+9-1000/16	16 mm ²	80 A	37	17.80 mm	10	2657900000
G-1L-27-1000/10	10 mm ²	63 A	37	27.00 mm	10	2657910000
G-1L-27-1000/16	16 mm ²	80 A	37	27.00 mm	10	2657920000

Accessories

End cap EK 1



Type	Qty.	Order No.
END CAP G+S 1L/10-16	50	2658970000

Busbars and accessories

Single phase rails for LS, LS + HI and DO 1-pole Pin

- Can be cut to any length
- Finger safe according to DIN EN 50274



Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
S-1L-106/10	10 mm ²	63 A	6	17.80 mm	10	2657930000
S-1L-106/16	16 mm ²	80 A	6	17.80 mm	10	2657940000
S-1L-160/10	10 mm ²	63 A	9	17.80 mm	10	2657950000
S-1L-160/16	16 mm ²	80 A	9	17.80 mm	10	2657960000
S-1L-210/10	10 mm ²	63 A	12	17.80 mm	10	2657970000
S-1L-210/16	16 mm ²	80 A	12	17.80 mm	10	2657980000
S-1L-268/10	10 mm ²	63 A	15	17.80 mm	10	2657990000
S-1L-268/16	16 mm ²	80 A	15	17.80 mm	10	2658000000
S-1L-320/10	10 mm ²	63 A	18	17.80 mm	10	2658010000
S-1L-320/16	16 mm ²	80 A	18	17.80 mm	10	2658020000
S-1L-1000/10	10 mm ²	63 A	57	17.80 mm	10	2658030000
S-1L-1000/16	16 mm ²	80 A	57	17.80 mm	10	2658040000
S-1L+9-1000/10	10 mm ²	63 A	37	17.80 mm	10	2658050000
S-1L+9-1000/16	16 mm ²	80 A	37	17.80 mm	10	2658060000
S-1L-27-1000/10	10 mm ²	63 A	37	27.00 mm	10	2658070000
S-1L-27-1000/16	16 mm ²	80 A	37	27.00 mm	10	2658080000

Accessories

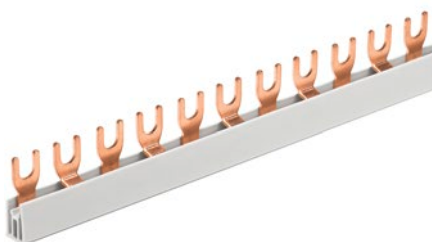
End cap EK 1



Type	Qty.	Order No.
END CAP G+S 1L/10-16	50	2658970000

Single phase rails for LS, LS + HI and DO 2-pin Fork (M6)

- Can be cut to any length
- Finger safe according to DIN EN 50274



Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
G-2L-106/10	10 mm ²	63 A	6	17.80 mm	5	2658090000
G-2L-106/16	16 mm ²	80 A	6	17.80 mm	5	2658100000
G-2L-210/10	10 mm ²	63 A	12	17.80 mm	5	2658110000
G-2L-210/16	16 mm ²	80 A	12	17.80 mm	5	2658120000
G-2L-320/10	10 mm ²	63 A	18	17.80 mm	5	2658130000
G-2L-320/16	16 mm ²	80 A	18	17.80 mm	5	2658140000
G-2L-1000/10	10 mm ²	63 A	56	17.80 mm	5	2658150000
G-2L-1000/16	16 mm ²	80 A	56	17.80 mm	5	2658160000
G-2L+9-1000/10	10 mm ²	63 A	46	17.80 mm	5	2658170000
G-2L+9-1000/16	16 mm ²	80 A	46	17.80 mm	5	2658180000
G-2L-27-1000/10	10 mm ²	63 A	38	27.00 mm	5	2658190000
G-2L-27-1000/16	16 mm ²	80 A	38	27.00 mm	5	2658200000

Accessories

End cap EK 1

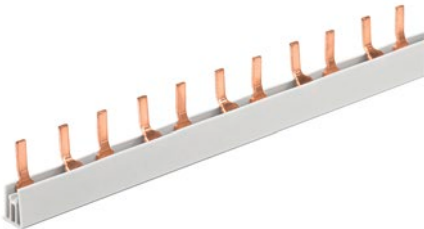


Type	Qty.	Order No.
END CAP G+S 2L/10	10	2658980000
END CAP G+S 2L/16	10	2658990000

Busbars and accessories

Single phase rails for LS, LS + HI and DO
2-pole Pin

- Can be cut to any length
- Finger safe according to DIN EN 50274



Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
S-2L-106/10	10 mm²	63 A	6	17.80 mm	5	2658210000
S-2L-106/16	16 mm²	80 A	6	17.80 mm	5	2658220000
S-2L-210/10	10 mm²	63 A	12	17.80 mm	5	2658230000
S-2L-210/16	16 mm²	80 A	12	17.80 mm	5	2658240000
S-2L-320/10	10 mm²	63 A	18	17.80 mm	5	2658250000
S-2L-320/16	16 mm²	80 A	18	17.80 mm	5	2658260000
S-2L-1000/10	10 mm²	63 A	56	17.80 mm	5	2658270000
S-2L-1000/16	16 mm²	80 A	56	17.80 mm	5	2658280000
S-2L+9-1000/10	10 mm²	63 A	46	17.80 mm	5	2658290000
S-2L+9-1000/16	16 mm²	80 A	46	17.80 mm	5	2658300000
S-2L-27-1000/10	10 mm²	63 A	38	27.00 mm	5	2658310000
S-2L-27-1000/16	16 mm²	80 A	38	27.00 mm	5	2658320000

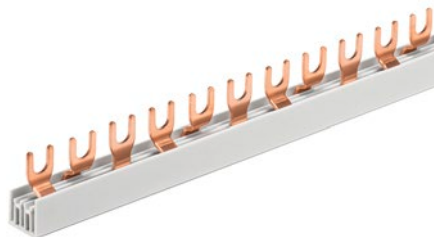
Accessories
End cap EK 1



Type	Qty.	Order No.
END CAP G+S 2L/10	10	2658980000
END CAP G+S 2L/16	10	2658990000

Single phase rails for LS, LS + HI and DO 3-pin Fork (M6)

- Can be cut to any length
- Finger safe according to DIN EN 50274



Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
G-3L-106/10 C	10 mm ²	63 A	6	17.80 mm	5	2658330000
G-3L-106/16 C	16 mm ²	80 A	6	17.80 mm	5	2658340000
G-3L-160/10 C	10 mm ²	63 A	9	17.80 mm	5	2658350000
G-3L-160/16 C	16 mm ²	80 A	9	17.80 mm	5	2658360000
G-3L-210/10 C	10 mm ²	63 A	12	17.80 mm	5	2658370000
G-3L-210/16 C	16 mm ²	80 A	12	17.80 mm	5	2658380000
G-3L-268/10 C	10 mm ²	63 A	15	17.80 mm	5	2658390000
G-3L-268/16 C	16 mm ²	80 A	15	17.80 mm	5	2658400000
G-3L-320/10 C	10 mm ²	63 A	18	17.80 mm	5	2658410000
G-3L-320/16 C	16 mm ²	80 A	18	17.80 mm	5	2658420000
G-3L-375/10 C	10 mm ²	63 A	21	17.80 mm	5	2658430000
G-3L-375/16 C	16 mm ²	80 A	21	17.80 mm	5	2658440000
G-3L-1000/10 C	10 mm ²	63 A	57	17.80 mm	5	2658450000
G-3L-1000/16 C	16 mm ²	80 A	57	17.80 mm	5	2658460000
G-3L+9-1000/10 C	10 mm ²	63 A	48	17.80 mm	5	2658470000
G-3L+9-1000/16 C	16 mm ²	80 A	48	17.80 mm	5	2658480000
G-3L-27-1000/10	10 mm ²	63 A	36	27.00 mm	5	2658490000
G-3L-27-1000/16	16 mm ²	80 A	36	27.00 mm	5	2658500000

Accessories

End cap EK 1

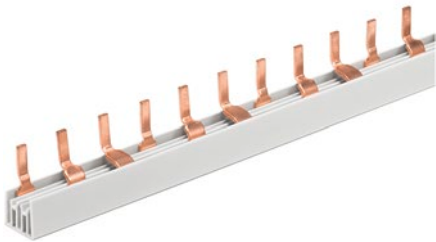


Type	Qty.	Order No.
END CAP G+S 3L/10	10	2659000000
END CAP G+S 3L/16	10	2659600000

Busbars and accessories

Single phase rails for LS, LS + HI and DO
3-pole Pin

- Can be cut to any length
- Finger safe according to DIN EN 50274



Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
S-3L-106/10	10 mm²	63 A	6	17.80 mm	5	2658510000
S-3L-106/16	16 mm²	80 A	6	17.80 mm	5	2658520000
S-3L-160/10	10 mm²	63 A	9	17.80 mm	5	2658530000
S-3L-160/16	16 mm²	80 A	9	17.80 mm	5	2658540000
S-3L-210/10	10 mm²	63 A	12	17.80 mm	5	2658550000
S-3L-210/16	16 mm²	80 A	12	17.80 mm	5	2658560000
S-3L-268/10	10 mm²	63 A	15	17.80 mm	5	2658570000
S-3L-268/16	16 mm²	80 A	15	17.80 mm	5	2658580000
S-3L-320/10	10 mm²	63 A	18	17.80 mm	5	2658590000
S-3L-320/16	16 mm²	80 A	18	17.80 mm	5	2658600000
S-3L-375/10	10 mm²	63 A	21	17.80 mm	5	2658610000
S-3L-375/16	16 mm²	80 A	21	17.80 mm	5	2658620000
S-3L-1000/10	10 mm²	63 A	57	17.80 mm	5	2658630000
S-3L-1000/16	16 mm²	80 A	57	17.80 mm	5	2658640000
S-3L+9-1000/10	10 mm²	63 A	48	17.80 mm	5	2658650000
S-3L+9-1000/16	16 mm²	80 A	48	17.80 mm	5	2658660000
S-3L-27-1000/10	10 mm²	63 A	36	27.00 mm	5	2658670000
S-3L-27-1000/16	16 mm²	80 A	36	27.00 mm	5	2658680000

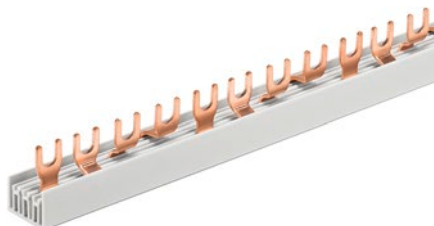
Accessories
End cap EK 1



Type	Qty.	Order No.
END CAP G+S 3L/10	10	2659000000
END CAP G+S 3L/16	10	2659600000

Single phase rails for LS, LS + HI and DO 4-pin Fork (M6)

- Can be cut to any length
- Finger safe according to DIN EN 50274



Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
G-4L-140/10 C	10 mm ²	63 A	8	17.80 mm	5	2658690000
G-4L-140/16 C	16 mm ²	80 A	8	17.80 mm	5	2658700000
G-4L-210/10 C	10 mm ²	63 A	12	17.80 mm	5	2658710000
G-4L-210/16 C	16 mm ²	80 A	12	17.80 mm	5	2658720000
G-4L-285/10 C	10 mm ²	63 A	16	17.80 mm	5	2658730000
G-4L-285/16 C	16 mm ²	80 A	16	17.80 mm	5	2658740000
G-4L-1000/10 C	10 mm ²	63 A	56	17.80 mm	5	2658750000
G-4L-1000/16 C	16 mm ²	80 A	56	17.80 mm	5	2658760000
G-4L+9-1000/10 C	10 mm ²	63 A	36	17.80 mm	5	2658770000
G-4L+9-1000/16 C	16 mm ²	80 A	48	17.80 mm	5	2658780000
G-1L+N-2L+N-3L+N-1000/10 C	10 mm ²	63 A	54	17.80 mm	5	2658790000
G-1L+N-2L+N-3L+N-1000/16 C	16 mm ²	80 A	54	17.80 mm	5	2658800000
G-1L+N+9-2L+N+9-3L+N+9-1000/10 C	10 mm ²	63 A	42	17.80 mm	5	2658810000
G-1L+N+9-2L+N+9-3L+N+9-1000/16 C	16 mm ²	80 A	42	17.80 mm	5	2658820000

Accessories

End cap EK 1

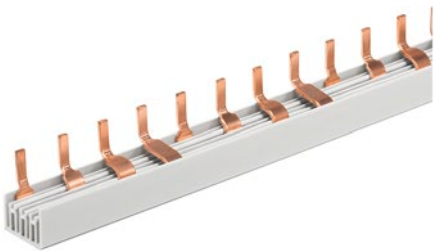


Type	Qty.	Order No.
END CAP G+S 4L/10	10	2659010000
END CAP G+S 4L/16	10	2659030000

Busbars and accessories

Single phase rails for LS, LS + HI and DO
4-pole Pin

- Can be cut to any length
- Finger safe according to DIN EN 50274



Type	for wire cross-section	Rated current	Poles	Pitch	Qty.	Order No.
S-4L-140/10	10 mm ²	63 A	8	17.80 mm	5	2658830000
S-4L-140/16	16 mm ²	80 A	8	17.80 mm	5	2658840000
S-4L-210/10	10 mm ²	63 A	12	17.80 mm	5	2658850000
S-4L-210/16	16 mm ²	80 A	12	17.80 mm	5	2658860000
S-4L-285/10	10 mm ²	63 A	16	17.80 mm	5	2658870000
S-4L-285/16	16 mm ²	80 A	16	17.80 mm	5	2658880000
S-4L-1000/10	10 mm ²	63 A	56	17.80 mm	5	2658890000
S-4L-1000/16	16 mm ²	80 A	56	17.80 mm	5	2658900000
S-4L+9-1000/10	10 mm ²	63 A	36	17.80 mm	5	2658910000
S-4L+9-1000/16	16 mm ²	80 A	48	17.80 mm	5	2658920000

Accessories
End cap EK 1



Type	Qty.	Order No.
END CAP G+S 4L/10	10	2659010000
END CAP G+S 4L/16	10	2659030000

Feed-in terminals
Fork and Pin design

- Quick mounting
- Safe contact due to screw clamping
- No special tool required for crimping cable lugs
- Finger safe according to DIN EN 50274
- Universal feed directions (frontal/lateral)



Type	for wire cross-section	Version	Width / Height / Depth	Rated current	Qty.	Order No.
FIT 25 GN	25 mm²	Fork	13.5 / 34 / 19.5 mm	101 A	10	2659050000
FIT 25 SN	25 mm²	Pin	13.5 / 35.5 / 19.5 mm	101 A	10	2659060000
FIT 50 GN	50 mm²	Fork	17.8 / 39.7 / 27 mm	150 A	3	2659070000
FIT 50 SN	50 mm²	Pin	17.8 / 39.7 / 27 mm	150 A	3	2659080000
FIT 50 GN/F	50 mm²	Fork	17.8 / 39.7 / 27 mm	150 A	3	2659090000
FIT 50 SN/F	50 mm²	Pin	17.8 / 39.7 / 27 mm	150 A	3	2659100000

Accessories
Protection Cover for fork and pin suitable for busbars

- Busbar type: 1 - 4 phase fork and pin
- Module width (step): 17.6 - 18 mm (individually detachable)



Type	Qty.	Order No.
PROTECTION COVER G+S /5	10	2659040000

Ideally equipped for every work phase

Increase efficiency and save time

The current boom in the sector is opening up new challenges for panel builders. On the one hand, the order books are full, but on the other hand, international competition is increasing, which in turn is leading to increased cost pressure. This dilemma will not be resolved by a single action alone, but rather by the consistent optimisation of the entire panel building process.

With Weidmüller, you have a strong partner by your side to support you in all work phases with perfectly coordinated solutions for your workshop. Based on many years of practical experience in panel building, we offer a comprehensive portfolio to effectively speed up your processes and increase your quality. Take a good look at our tools, markers, printers, software, automated systems and panel infrastructure for all work phases – from planning to installation and finally operation.

Planning

With our software solutions for marking (M-Print® PRO), semi-automated cable assembly (WPC tool) and configuration (WMC), you are perfectly positioned in every project phase. Thanks to interfaces to your CAE system, you benefit from optimum data consistency from planning through to commissioning.

Installation

Tools of certified premium quality, intuitive automatic stripping and crimping machines as a stand-alone or semi-automated solution, as well as a coordinated marking system enable you to save time and ensure safe assembly. At the same time, you minimise sources of error. Our end-to-end range is rounded off by versatile installation materials and infrastructure components for the panel. Besides our professional manual tools, we also offer you sets with an appropriate and efficient combination of tools and coordinating accessories, as well as a complete tool chest that has been developed in line with 5S and lean principles.

Operation

Even after commissioning your panels, the perfect interaction of products and tools from a single source offers you sustainable efficiency gains. Our extensive range of measuring and testing tools provides you with reliable support for troubleshooting. Seamless marking of all panel components as well as digital data consistency simplify and speed up maintenance work. This helps you reduce downtimes and increase the efficiency of your process steps.



Cross-process solutions from Weidmüller

Design

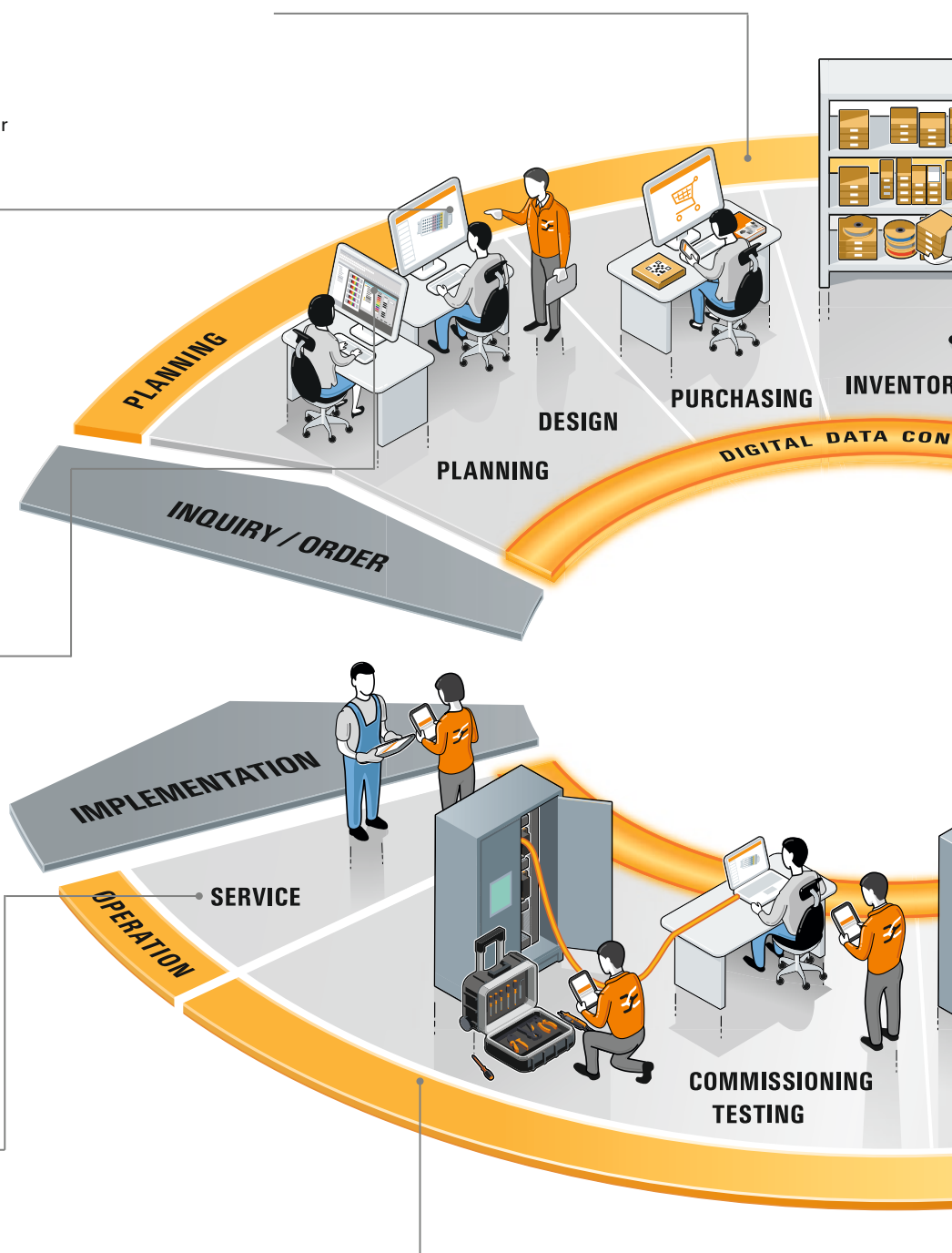
The Weidmüller Configurator (WMC) supports you in planning and configuring your panel, such as with assembled terminal strips. You import data sets from your eCAD system through an interface and simply transfer them back after they have been processed in the WMC.

Planning

The M-Print® PRO marking software makes it much easier to plan and label markers. With the M-Print® PRO eCAD add-on, you connect your eCAD system with the marking software and perform intelligent automated component marking.

Purchasing

The consistent availability of all article and order numbers also applies to our E-shop and speeds up purchasing and reordering.



Service

You benefit from the perfect interaction of our integrated portfolio, even during and after the commissioning of your panels. Seamless marking of all panel components as well as digital data consistency simplify and speed up maintenance work. This helps you reduce downtimes and increases the efficiency of the entire application.

Mechanics and electronics in partnership:

High-quality and certified measuring and testing tools facilitate the final testing of panels and always deliver reliable measured values.

Warehousing

The markers of our MultiCard system are compatible with components such as terminal blocks, conductors, cables and devices from all manufacturers. Our MultiCard markers are available in almost 700 designs and can be individually printed. This reduces the number of marker variants that you always have to keep in stock.

Mechanical work preparation

Our comprehensive range supports you in all phases of work preparation, such as with the required panel infrastructure as well as cutting and perforation tools for the mechanical preparation of your panel components.

Electrical work preparation

Our automated systems carry out repetitive tasks for you, such as the cutting to length, stripping and crimping of cables. The marking software M-Print® PRO directly controls printers such as the PrintJet CONNECT or the THM MultiMark and ensures that the right marker is printed for every component and every cable.

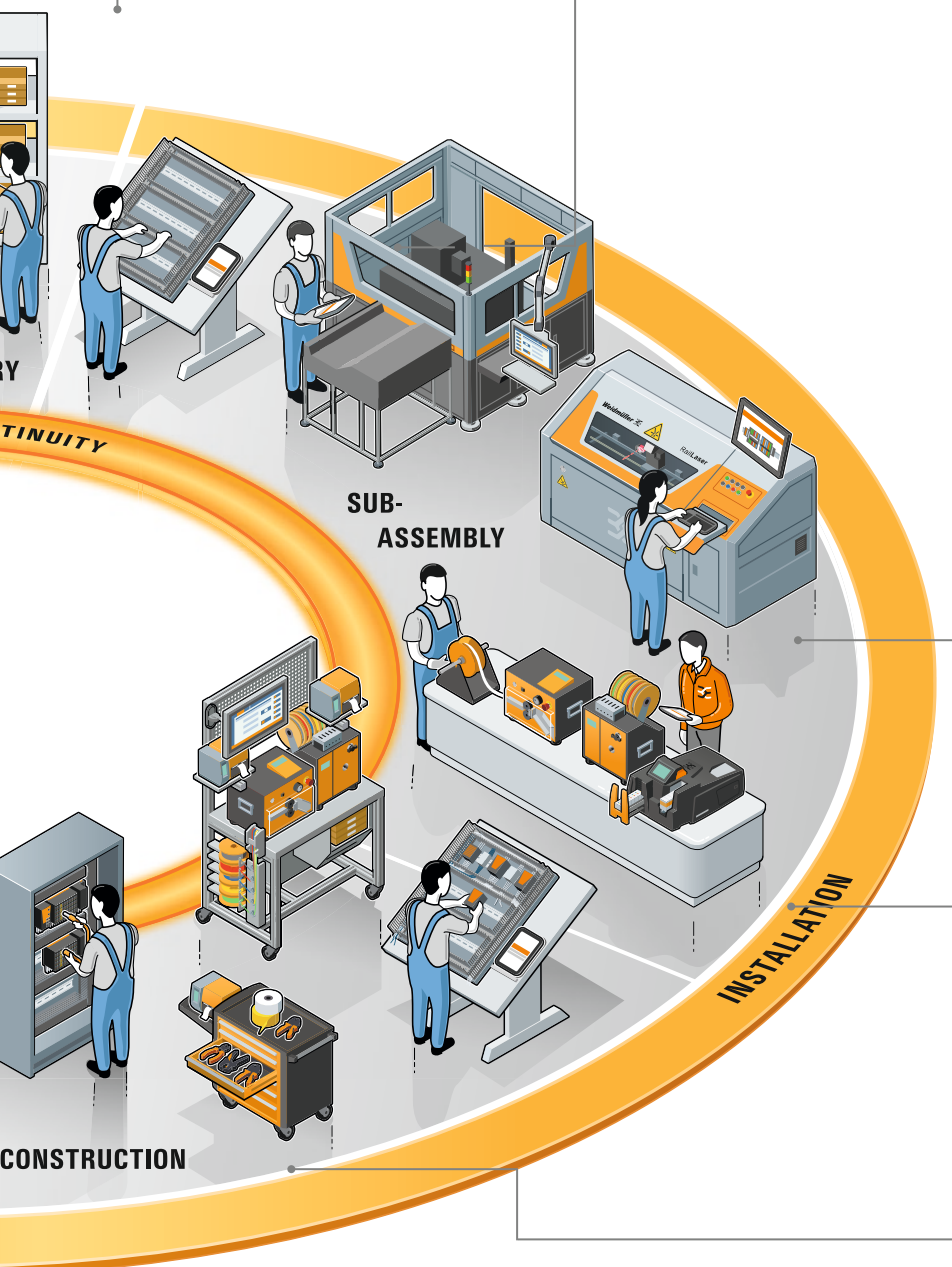
As stand-alone solutions or as a semi-automated Wire Processing Center (WPC) with your own planning software – our systems offer you maximum application flexibility.

Workshop/design

Error sources are reduced in installation and commissioning thanks to the clear and transparent marking of all cables and components. Weidmüller's manual tools for cutting, stripping, crimping, testing and screwing offer you a great deal of efficiency through precision, high quality and ergonomic design. The semi-automated Wire Processing Center (WPC) enables individual process optimisation with significantly increased efficiency.

Commissioning/testing

Your safety is the top priority when it comes to commissioning electrical systems and devices. Weidmüller's voltage and continuity testers comply with all relevant standards and you have peace of mind that your tests are performed in accordance with the regulations.



Systemised marking

For optimised processes

Your primary expectation of a marking system is that it clearly shows how your components are configured. This includes an accurate printed image, ease of use and usability in an industrial environment. You need data entry and administration software to provide optimum support. During marker output, the speed should be adaptable to your needs. In order to provide the right marking solution for all products at all time, we have built up a unique overall system of markers, printers and software. The tailored range of products ensures precise identification throughout the whole panel – or, for short, systemised marking.

Our promise

Our harmonised system of software, markers and printers allows you to optimise processes – from entering your data to the finished marker for the individual panel configuration. You have a clear overview to allow clear identification of panel components.

More detailed information on our marking system is available at **www.weidmueller.com/markung**

Order data is available in our online catalogue.

Flexible printing on plastic and metal markers with inkjet printer

The MultiCard concept is our standard for modern, innovative identification and marking systems. With over 270 variants, it offers neutral plastic markers in a standardised card format for all Weidmüller terminal blocks and terminal blocks from other manufacturers. We also offer the appropriate marker options for the simple and quick connection of conductors, cables and devices.

Use our PrintJet CONNECT inkjet printer for quick clear labelling of large volumes. Its precise colouring and thermal fixing ensure continuous and robust identification. MetalliCard formats made of aluminium and stainless steel can also be printed just as securely. Its wide range of applications and flexibility allows this printer to provide standard-compliant and efficient marking. Depending on the requirements, it is operated either with our user-friendly planning software M-Print® PRO or as a standalone solution with saved templates using a USB stick.



Endless marking with MultiMark and the thermo-transfer printer

The MultiMark terminal markers are endless material with a special stamped pattern. This means they can be rotated easily, which is ideal for compensating tolerances in long terminal blocks. The MultiMark formats are printed using the compact, modular THM MultiMark thermo-transfer printer which offers high levels of flexibility. The optional cutting and perforation option enables the endless material to be cut to any length. This makes cutting and assigning the relevant labels very simple. The THM MultiMark is also the ideal printer when it comes to printing fabric and polyester labels, shrink sleeves and PLC labels. The major benefit: you can make all the labels in and around the panel using just one printer.

Highlight

The THM MultiMark thermo-transfer printer is a compact all-rounder with an intuitive touch-screen display and status indicator, making it easy to operate in 22 languages. Its compact design and weight of just 3.5 kg means it can also be easily used outside the workshop.

Made for professional work

One-stop shopping for quality tools

You need them for wiring and testing, for commissioning and maintenance – tools are a constant companion when it comes to panel building. They need to sit well in the hand and guarantee consistently high workmanship even after many working cycles. Our quality tools are a choice that will bring you happiness for a long time. Our range includes proficient manual tools for cutting, stripping, crimping, testing and screwing, as well as machines and accessories. From installation of the terminal blocks to installation of delicate electronic components, you can find the right tool for all applications from us.

Our promise

Weidmüller tools were developed with the aim of making your work easier, optimising working processes and thus increasing productivity in panel building. The perfect coordination of terminal blocks, wire-end ferrules and conductors guarantees the best possible working results.

Detailed information on our range of tools is available at **www.weidmueller.com/tools**

Order data is available in our online catalogue.

The right quality tool for every stage of the process

Cutting

With our robust cutting tools, you can rely on smooth, straight cuts with no deformation of the conductor. Whether you need to cut copper or aluminium cables with small or large cross-sections, the mechanical drive and specific cutting shape allow really ergonomic work.

Stripping

Our precision tools specialise in stripping and sheath stripping of cables to guarantee reliable results. The wide product range is perfectly tailored to insulation and the wire cross-section and guarantees perfect wiring for all sorts of cable types.

Crimping

Our selection of crimping tools fits a wide range of conductors, wire-end ferrules and contacts. This ensures optimum processing quality in all applications. The result is stable, long-lasting connections which meet all relevant international standards and regulations.

Testing and measuring

From voltage testers through clamp-on meters, use our complete range of testing and measuring instruments for precise results. Besides the highest possible reliability for optimum application protection, the devices provide impressively easy handling.

Pliers

Our range of ESD pliers meets all national and international testing standards. The special material of the handles prevents electrostatic discharge. And the ergonomic design of the pliers allows fatigue-free work.



Screwing

High torques and optimum transfer of axial force – our manual and battery-powered torque screwdrivers enable exact, effective work with high levels of repeat accuracy. They are available in four sizes to fit all hands and requirements.

Automatic machines

Automating individual work stages such as cutting to length, stripping and crimping helps increase efficiency. With our robust, user-friendly machines for cable processing, you reduce installation times and minimise production costs.

Wire-end ferrules and cable connectors

With our wire-end ferrules and insulated cable connectors, you guarantee safe connections in the long term. We provide these accessories to match our components and tools in various versions and colour alternatives.

Highlight

Real added value for you: you can have your tools regularly tested and maintained in our in-house tool certification office. This allows you to guarantee consistent functionality and quality.

For every industry and every application

Klippon® Protect enclosure system

gives safety and protection to connection solutions

Enclosures fulfil an important safety function and prove their worth every day, even under the toughest of conditions. All industries have their own specific requirements in terms of enclosure technology – from machine construction through transport and energy engineering to the process industry. With Klippon® Protect, you can choose from a wide range of universal and application-specific enclosures. These products cover all relevant approvals required for use in industrial and explosive risk zones. They are flexible enough for optimal adaptation to your requirements.

Our promise

The flexible Klippon® Protect enclosure system is the perfect addition to our Klippon® Connect range of terminal blocks. You can rely on our assembled enclosures to offer a custom fit to your requirements and provide excellent protection. Klippon® Services completes our products range with optimal support for your processes.

More detailed information on our wide range of Klippon® Protect enclosure systems can be found at www.weidmueller.com/klipponprotect

Universal range

The universal enclosures Klippon® Protect are made of stainless steel, aluminium, or plastic. Either one guarantees excellent protection for your assembly. With these robust enclosures, you can implement various field applications to suit your requirements. The matching system accessories enable simple integration, expansion, and customisation.

Application range

Our Klippon® Protect application range provides solutions for monitoring and safety, measurement and control technology, and power distribution. These application solutions are based on high quality and comprehensive approvals for explosive risk zones.

You can obtain distribution boxes, terminal boxes or command and signalling devices as well from a single source in a consistent enclosure design for maximal safety, reliable functionality and low follow-up costs for maintenance, replacement and storage.



Klippon® Services

Klippon® Services combines consultancy, planning, application expertise and industry know-how. You benefit from our one-stop production services. Thereby you will reduce costs, increase efficiency, and simplify quality management. We guarantee quick, qualityfocused production and order-based availability. We deliver even individually assembled products anywhere within a short time.



Configuration and ordering are simple with the Weidmüller Configurator www.weidmueller.de/wmc



Highlight

Our Fast Delivery Service is a real highlight of our service range that offers to easily configure and request assembled terminal strips, empty or assembled enclosures with the Weidmüller Configurator WMC. The offer is provided within just a few minutes including order numbers for direct ordering - available 24/7. An order will be dispatched from Germany after just four days when a certain service level is selected. Order quantities start at one.

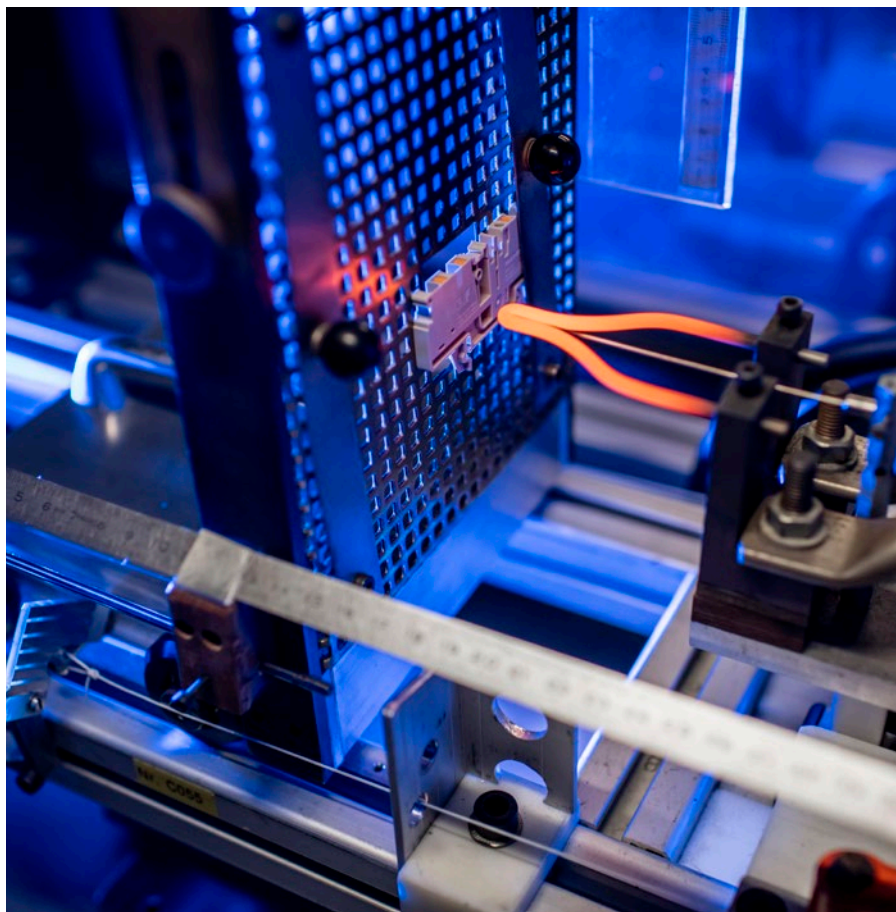
Materials

You can always rely on the high quality of the metals and insulating materials we use: they are subject to strict monitoring through a DIN EN ISO 9001 certified quality management system.

A high level of quality assurance is essential for us to always offer you first grade products. Starting with the quality management of our products based on ISO 9000 ff. through to permanent monitoring by independent institutes who monitor our production facilities, as well as quality management and our in-house laboratory. You therefore benefit from maximum reliability and durability!

Accredited test laboratory

Reliability of technical data is of the highest priority for the user. Accreditation in accordance with DIN EN ISO/IEC 17025 through an external, independent institution (Deutsche Akkreditierungsstelle für Technik GmbH) attests to the competence of the laboratory to perform tests on terminal blocks, connectors, electronic equipment, including EMC and environmental testing. So you can be sure our products can be used everywhere – worldwide.

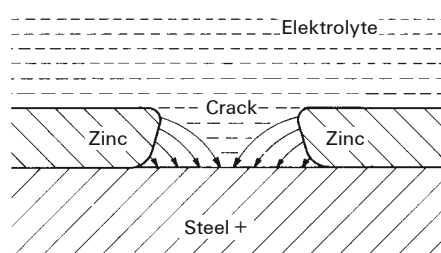


Metals

The metals we use are selected and processed with their surfaces treated according to the latest technical knowledge. In addition, our welding area is certified in accordance with DIN EN ISO 3834-3 for fusion welding of metal-based materials.

Steels

Steel ensures mechanical stability for all our connection systems. In order to permanently maintain the contact force, the steel parts are electrogalvanised and provided with additional passivation by means of a chromate layer. The advantage of surface protection with zinc lies in the high corrosion protection effect. It is also effective for a long time, even after the zinc coating has been partially damaged by scratches or pores. Furthermore, in the presence of an electrolyte, zinc acts as a cathode (i.e. negative) with respect to steel. The metal ions of the zinc migrate to the steel. This protects the underlying material from attack.



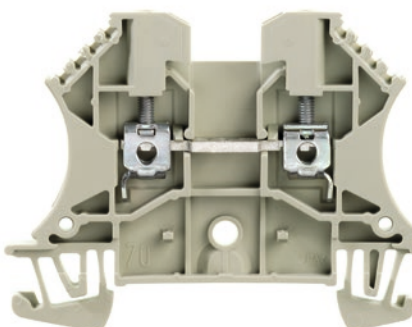
The surface protection ensures a high contact force, even in the presence of cracks

Conductive substances

The current-carrying materials copper, brass and bronze are characterised by high conductivity plus good mechanical properties. The surfaces are usually coated with tin. Besides corrosion protection, this ensures high contactability, which leads to low contact resistance. Solder connections also have a tin layer. In order to guarantee long-term solderability, an additional nickel coating is applied to the brass parts as a diffusion barrier. The nickel coating provides effective protection against outward diffusion of zinc atoms from the brass.

Connections proven a million times

Two materials are perfectly suited for our connection systems: steel provides for mechanical stability and copper for electrical conductivity. The terminal units consist of hardened steel – for very high contactability. The current bars are made of copper and ensure low voltage drops.



Whether rigid or flexible conductors, with or without wire-end ferrules – the right copper conductor is available for every connection system

Insulating materials

Insulating materials tailored to the respective application ensure that our products optimally meet your requirements. In the selection of materials, we take care in ensuring high environmental compatibility: the insulating materials we use are free from hazardous substances such as cadmium and colour pigments based on heavy metals, as well as substances forming dioxins and furans.

Material	Ceramic		Duroplasts	
	Plastic/abbreviation	Ceramic	Gemin KrG	Epoxy resin (EP)
		Ceramic is an excellent material for electronics because it meets all requirements. Ceramic is heat resistant, water repellent, spark resistant and certified against leakage current. Thanks to its high mechanical strength, low loss factor and high heat resistance, the material has a high chemical stability and is favoured because of its minimal wear.	Duroplasts have high dimensional stability, low water absorption, extremely good tracking resistance and outstanding fire resistance. The continuous operating temperature is higher than that of thermoplastics. The deformation resistance of the duroplasts under elevated thermal load is better than for thermoplastics. A disadvantage compared with thermoplastics is the low flexibility of duroplasts.	
		Insulating material	Melamine resin moulding compound MF type 150 (DIN EN ISO 14 528) inorganic filler	Epoxy resin with inorganic filler
Colour		white	medium yellow	black
Description		<ul style="list-style-type: none"> • Top continuous operating temperature • High fire resistance • Liquid-repellent • High tracking resistance • Inherent flame protection 	<ul style="list-style-type: none"> • High constant operating temperature • High fire resistance • High tracking resistance • Inherent flame protection • Halogen-free flame retardant material 	<ul style="list-style-type: none"> • Very good electrical properties • Very high constant operating temperature • Resistant against high-energy radiation • Halogen and phosphorous-free flame retardant
Properties				
Volume resistance acc. to IEC 60093	$\Omega \times \text{cm}$	–	10^{11}	10^{14}
Dielectric strength acc. to IEC 60243-1	kV/mm	> 10	10	160
Tracking resistance (A) acc. to IEC 60112	CTI	≥ 600	≥ 600	≥ 600
Upper max. permissible limit temperature	°C	250	130	160
Lower max. permissible limit temperature (static)	°C	–60	–60	–60
Flammability acc. to UL 94		V-0 (5 V-B)	V-0 (5 V-A)	V-0
Flammability characteristics acc. to German railway standard				

Thermoplastics

Wemid	Polyamide (PA)	Polyamide (PAGF)	Polybutylene terephthalate (PBT)	Polycarbonate (PC)
<p>Wemid is a modified thermoplastic which has properties tailored to meet the requirements of our line connectors. Advantages over PA are the improved fire protection and the higher continuous operating temperature. Wemid meets the strict requirements for use in railway vehicles acc. to NF F 16-101.</p>	<p>Polyamide (PA) is one of the most widely used engineering plastics. The advantages of this substance are its good electrical and mechanical properties, its flexibility and lack of fracture susceptibility. In addition, PA offers good fire resistance on account of its chemical structure, even without the addition of flame retardants.</p>	<p>Glass-fibre reinforced polyamide (PAGF) offers outstanding dimensional stability and very good mechanical properties. This makes a difference when used as an end bracket. As compared to non-reinforced PA, this material has flammability rating HB according to UL 94.</p>	<p>Thermoplastic polyester (PBT) offers excellent dimensional stability (hence its use in plug connectors) and a high constant operating temperature. Compared to other insulating materials, the creepage-current resistance is lower.</p>	
Special Weidmüller insulating material	Insulating material	Insulating material	Depending on application with or without glass fibre reinforcement	Depending on application with or without glass fibre reinforcement
dark beige	beige	beige	orange	grey
<ul style="list-style-type: none"> • Higher continuous operating temperature • Improved fire resistance • Halogen- and phosphorous-free flame retardant • Low smoke produced in the event of fire • Permitted for use in railway applications acc. to NF F 16-101 	<ul style="list-style-type: none"> • Flexible, lack of fracture susceptibility • Good electrical and mechanical characteristics • Self-extinguishing characteristic • Halogen-free flame retardant material 	<ul style="list-style-type: none"> • Excellent dimensional stability • Very good mechanical characteristics • Halogen-free flame retardant material 	<ul style="list-style-type: none"> • High dimensional stability • Good electrical and mechanical characteristics • Flame retardant that does not form dioxins or furans 	<ul style="list-style-type: none"> • High dimensional stability • High continuous operating temperature • High electrical insulation properties • Halogen-free flame retardant material
10 ¹²	10 ¹²	10 ¹²	10 ¹³	10 ¹⁶
25	30	30	28	≥ 30
600	600	500	200	≥ 175
130	100	100	115 / 130	115 / 125
-60	-50	-50	-50	-50
V-0	V-2	HB	V-0	V-2 / V-0
I2 / F2 *)				I2 / F2
*) also certified to LUL E 1042				

Relevant standards – an overview

Standards have the status of a recommendation and are not legally binding. They serve to ensure the safety of systems and represent the acknowledged state of the art. We therefore always recommend compliance with the contents – irrespective of agreements and customer requirements.

The Low Voltage Directive IEC/EN 61439

Since November 2014, IEC/EN 61439 has replaced the previously applicable standard IEC/EN 60439 for low-voltage switchgear and controlgear assemblies. It comprises seven parts:

1. General rules for low-voltage switchgear and controlgear assemblies (SCA)
2. Power switchgear and controlgear assemblies (PSC)
3. Distribution boards
4. Assemblies for construction sites
5. Cable distribution cabinets
6. Busbar distribution systems
7. Assemblies for marinas, camping sites, electric vehicles charging stations (preliminary standard)

In order to confirm compliance with IEC/EN 61439, it is important that you always refer to Part 1 and one of the following parts. The standard is addressed to every manufacturer and operator of switchgear and controlgear assemblies (SCA) up to 1,000 V AC and 1,500 V DC. Irrespective of whether you assemble the SCA stationary or mobile, with or without enclosure system.

The low-voltage switchgear standard IEC/EN 60947-1

This standard applies for industrial low-voltage switchgear assemblies used in circuits up to 1,000 V AC or 1,500 V DC. It defines the general rules and requirements for low-voltage switchgear assemblies. This includes, for example, the definition, characteristic features, information to be supplied, normal conditions for operation, installation and transport as well as requirements for the construction and verification of characteristic features and behaviour.

Interaction between the standards

IEC/EN 61439 for switchgear and controlgear assemblies

With the withdrawal of the previous version on 23 September 2014, the DIN EN 61439: 20 0-06 standard for “Low-voltage switchgear and controlgear assemblies” – Part 1: General rules became binding for the switchgear and controlgear assemblies defined. This standard includes a series of changes that you have to consider as a switchgear manufacturer. However, these changes have no direct influence on the components, such as terminal blocks, which have to comply with the relevant product standard.

The importance of DIN EN 61439 for components

Components that meet the requirements of the applicable product standard are suitable for direct use in switchgear systems. They must, however, take the definitions of standard series DIN EN 61439 into consideration.

The properties required from DIN EN 61439-1 are covered by the product standard for terminal blocks EN 60947-7-1(2, 3). As an aid for the required design verification for switchgear and controlgear assemblies, the following table provides you with further information on terminal blocks. Additional design verification is not required for individual items of equipment or components.

Summarised

- IEC/EN 61439 is a new series of standards for the construction of switchgear and controlgear systems
- With the design verification, you as the manufacturer provide evidence for the suitability of the system
- You still confirm conformity with the standard by signing the EC Declaration of Conformity

Low-voltage switchgear and controlgear assembly

Original manufacturer

1.

Design verification

A combination of the variants is also conceivable

Variant 1: **Testing**

Variant 2: **Appraisal (incl. calculation)**

Variant 3: **Comparison with reference construction**

Low-voltage switchgear and controlgear assemblies

2.

Manufacturer of the switchgear and controlgear assemblies

Switchgear manufacturer

Variant 1:
Comparison with a reference construction without changes

The manufacturer of the switchgear and controlgear assemblies does not become the original manufacturer

Variant 2:
Original system with changes

The manufacturer of the switchgear and controlgear assemblies becomes the original manufacturer

Design verification for changes

Routine verification

3. Switchgear and controlgear assemblies ready for operation

Guidelines for the construction of a switchgear and controlgear assemblies in accordance with the standard

Checklist design verification according to IEC/EN 61439

Design verification for terminal blocks and their accessories

Nr.	Characteristics to be proved	Section	Adaptability for terminal blocks																																				
1	Strength of material and parts: <ul style="list-style-type: none">• Corrosion resistance properties of insulation material: <ul style="list-style-type: none">• Thermal stability• Resilience to extreme heat and fire due to internal electrical effects• Resistance to UV radiation• Lifting• Impact test• Marking	10.2 10.2.2 10.2.3 10.2.3.1 10.2.3.2 10.2.4 10.2.5 10.2.6 10.2.7	The requirements refer exclusively to cabinets for switchgear. Terminal blocks are designated for the installation in appropriate cabinets. The requirements refer exclusively to parts of the switchgear and controlgear assembly. Inserted components like terminal blocks are not affected. Terminal blocks are designated for the installation in cabinets, thus not relevant Terminal blocks are designated for the installation in cabinets, thus not relevant Terminal blocks are designated for the installation in cabinets, thus not relevant Terminal blocks bear the inscriptions, like it is determined in section 5 of the product standard.																																				
2	Degree of protection and enclosures	10.3	Terminal blocks are designated for the installation in cabinets, thus not relevant																																				
3	Clearances	10.4	The required clearances are based on EN 60664-1 and are identical with the values for the dimensioning of terminal blocks according to EN 60947-7-1(2, 3).																																				
4	Creepage distances	10.4	The required creepage distances are based on EN 60664-1 and are identical with the values for the dimensioning of terminal blocks according to EN 60947-7-1(2, 3).																																				
5	<ul style="list-style-type: none">• Protection against electric shock and integrity of protective circuits• Effective continuity between the exposed conductive parts of the assembly and the protective circuit• Short-circuit withstand strength of the protective circuit	10.5 10.5.2 10.5.3	Covered by the type test for modular PE conductor terminals according to EN 60947-7-2. The quality and consistency of the PE conductor connection has to be verified by resistance measurement at the end use. Not relevant, has to be judged in the end use. PE conductor terminals are subjected to a test of short-time withstand current in the context of the type test according to EN 60947-7-2.																																				
6	Installation of equipment	10.6	Installation and tight fit of terminal blocks is secured by the requirements and relevant tests according to the product standard.																																				
7	Internal circuits and connections	10.7	Not relevant, has to be judged in the end use for terminal blocks.																																				
8	Connections for conductors inserted from outside	10.8	Secured by selection of the terminal block as well as its type test according to EN 60947-7-1(2). The final assessment has to be made in the end use.																																				
9	Insulation properties: <ul style="list-style-type: none">• Operating frequency dielectric strength• Surge voltage strength	10.9 10.9.2 10.9.3	Tests to the insulation properties are part of the dimensioning of type tested terminal blocks according to EN 60947-7-1(2). The verification for the switchgear and controlgear assembly takes place in the end use for the terminal blocks.																																				
10	Temperature rise limits	10.10	The rated values for terminal blocks according to EN 60947-1(2,3) can be used for the dimensioning of the temperature rise limits. The verification has to be provided for the respective application, e.g. by measurement or calculation. The calculation of the terminal block's power dissipation can take place in the application by means of the electrical resistance as a function of current: $P_{\text{loss}} = R_{\text{max}} \cdot I^2$ Following maximum resistances per electrical potential according to EN 60947-7-1(2, 3) subject to the cross section for the terminal block are permitted: <table><tr><td>Cross section/mm²</td><td>1.5</td><td>2.5</td><td>4</td><td>6</td><td>10</td><td>16</td><td>25</td><td>35</td></tr><tr><td>Electrical resistance/mΩ</td><td>1.83</td><td>1.33</td><td>1.00</td><td>0.78</td><td>0.56</td><td>0.42</td><td>0.32</td><td>0.26</td></tr></table> <table><tr><td>Cross section/mm²</td><td>50</td><td>70</td><td>95</td><td>120</td><td>150</td><td>185</td><td>240</td><td>300</td></tr><tr><td>Electrical resistance/mΩ</td><td>0.21</td><td>0.17</td><td>0.14</td><td>0.12</td><td>0.10</td><td>0.09</td><td>0.08</td><td>0.06</td></tr></table>	Cross section/mm²	1.5	2.5	4	6	10	16	25	35	Electrical resistance/mΩ	1.83	1.33	1.00	0.78	0.56	0.42	0.32	0.26	Cross section/mm²	50	70	95	120	150	185	240	300	Electrical resistance/mΩ	0.21	0.17	0.14	0.12	0.10	0.09	0.08	0.06
Cross section/mm²	1.5	2.5	4	6	10	16	25	35																															
Electrical resistance/mΩ	1.83	1.33	1.00	0.78	0.56	0.42	0.32	0.26																															
Cross section/mm²	50	70	95	120	150	185	240	300																															
Electrical resistance/mΩ	0.21	0.17	0.14	0.12	0.10	0.09	0.08	0.06																															
11	Short-circuit withstand strength	10.11	For cross sections up to 35 mm² In sectors after current-limiting (5ms) protections devices <100 A (for Icp <10 kA) At an unaffected short-circuit current of the grid Icp ≤10 kA (in front of the switchgear), a forward current ID with maximum 17 kA will arise with an upstream protection device. According to the section 10.11.2 of EN 61439-1, the switchgear manufacturer does not have to provide evidence in this case. This requirement is fulfilled by protection devices up to 100 A equipment (application of up to 35 mm² terminal blocks). For cross sections from 50 mm² In sectors after current-limiting (5 ms) protection devices ≤630 A (Icp >10 kA) At an unaffected short-circuit current of the grid Icp >10 kA (in front of the switchgear), a forward current ID will flow of up to the period of 5 ms with an upstream protection device. The switchgear manufacturer has to provide evidence for the maximum forward current ID by declaration of the terminal block's Ipk (surge current strength, which the terminal block is able to conduct without being destroyed).																																				
12	Electromagnetic compatibility	10.12	Not relevant, because terminal blocks are seen as passive components according to the product standard EN 60947-7-1(2, 3).																																				
13	Mechanical operation	10.13	Not relevant																																				

Technical requirements from the standards

Rated cross-section

The rated cross-section of a terminal block is the value of the connectable wire cross-section, as specified by the manufacturer. This serves as a reference for certain thermal, mechanical and electrical requirements. The rated cross-section is selected from the following standard cross-sections: 0.2 – 0.5 – 0.75 – 1.0 – 1.5 – 2.5 – 4.0 – 6.0 – 10 – 16 – 25 – 35 – 50 – 70 – 95 – 120 – 150 – 240 – 300 mm².

Terminal blocks have a rated connection capacity that is at least two levels lower than the rated cross-section. The conductors can be solid, stranded or flexible, possibly with conductor end pretreatment. The verification of the rated cross-section is performed with gauges according to IEC 60947-1.

Rated current IEC 60947-7-1

Test currents are assigned to the rated cross-sections according to IEC 60947-7-1. These rated currents cause no impermissible heat transfer to the terminal:

mm ²	1.5	2.5	4.0	6.0
A	17.5	24	32	41

mm ²	10	16	25	35
A	57	76	101	125

mm ²	50	70	95	120
A	150	192	232	269

mm ²	150	185	240	300
A	309	353	415	520

Conventional free-air thermal current (I_{th})

The conventional thermal current in free air (I_{th}) is the highest test current for heating tests of unenclosed devices (see 4.3.2.1 of IEC 60947-1.) This applies exclusively to terminal blocks with multiple connection levels (multi-tier terminals) and to test-disconnect terminal blocks for which current reduction is permissible.

Rated voltage IEC 60947-7-1

The rated voltage of a terminal block is the rated insulation voltage to which the insulation tests and creepage distances relate. It is determined analogously to IEC 60664-1.

Rated impulse withstand voltage IEC 60947-7-1

Rated impulse withstand voltage is the peak value of a surge voltage with which the terminal blocks can be subjected. The clearance distances in IEC 60947-1 and IEC 60664-1 are related to it.

Pollution severity IEC 60947-7-1

The pollution severity defines the influence of solid, liquid or gaseous foreign matter, which may reduce the dielectric strength or the specific surface resistance. Pollution severity 3 has been specified for terminal blocks for industrial applications: conductive contamination occurs on dry, non-conductive contamination which becomes conductive as moisture condensation may also occur. The minimum air clearance measurement is defined in IEC 60947-7-1 in conjunction with the rated surge voltage.

Operating conditions

The terminal blocks can be operated under the following normal conditions:

- Ambient temperature –5 °C to +40 °C, mean value 24 h +35 °C
- Altitude up to 2000 m above sea level
- Relative humidity: 50 % at +40 °C, 90 % at +20 °C

Testing the contact security

Construction requirements

IEC 60947-7-1 requires that clamping points must ensure a reliable mechanical and electrical connection with permanent contact.

Tests

Standardised tests offer you the assurance that wired connections comply with the required conditions. IEC 60947-7-1 stipulates a series of tests for wire connections in terminal blocks. One or more terminals of a particular type are tested for agreement with certain limit values. These include:

- Insulation test
- Evidence of the voltage drop
- Testing of the short-time withstand current capacity
- Aging testing for terminal blocks with tension clamp, insulation displacement and PUSH IN connection technology

Special testing

Beyond the stipulated scope of type testing, further tests can be performed at your own discretion or in agreement with the user.

Contact security

The high level of contact security and reliability are verified with our systems using various tests (see table).



1 Type testing acc. to IEC 60947-7-1

2 Stricter Weidmüller tests

2.1 Mechanical tests:

- Vibration testing to Weidmüller requirements
- Natural resonance characteristics acc. to IEC 60068-2-6
- Shock and vibration testing acc. to BV 0440/... and BV 0430/

2.2 Environmental testing:

- Cold testing acc. to EN 60068-2-1
- Damp heat (steady state) acc. to IEC 60512-6 test 11c
- Damp heat (steady state) acc. to IEC 60068-2-30
- Damp heat (cyclic) acc. to IEC 60068-2-30
- Salt spray testing acc. to IEC 60068-2-11
- Sulphur dioxide SO₂ acc. to IEC 60068-2-42
- Hydrogen sulphide H₂S acc. to IEC 60068-2-43
- Gas tightness acc. to IEC 605 12_6_PR 11n

3 National and international approvals

4 Practice, i.e. the use of systems in harsh areas of application in industry, e.g. Ex applications

Protection against inadvertent, direct touching, of hazardous live parts

Back of hand safety according to EN 61032

Back of hand safety is satisfied if, according to EN 61032, a sphere of diameter 50 (+0.01) mm with a force of 50 (± 5) N does not touch any hazardous parts.

Actuation conditions according to IEC 60947-7-3

IEC 60947-7-3 paragraph 7.1.8 specifies that fuse terminal blocks must be constructed in such a way that live parts cannot be touched. Finger safety for live parts of the cartridge fuse must be maintained while the cartridge fuse is replaced. If it is necessary to maintain protection against electric shock, label with "line-load" or arrows that indicate the energy flow direction.

In general:

Not all installation components have to be configured touch-safe, as in the example of terminal blocks. A touch-safe construction is only required if these components are arranged in a direct radius of 30 mm around the operation elements and the system cannot be insulated (exception allowed on the basis of the construction using accessories in each case).

Terminal blocks in the Ex environment

Harsh industrial environments and explosive risk zones, such as in the oil and gas industry, make extreme demands on safety, robustness and quality of products and devices. Numerous standards describe what has to be considered in Ex environments. They serve as the basis for extensive approvals.



Issuing of the type examination certificate

Notified bodies issue you EC/EU type examination certificates in accordance with EN 60079-0/60079-7 and the ATEX Directive. EU type examination certificates in accordance with Directive 94/9/EC are also recognised under the new Directive 2014/34/EU. By issuing the Production Quality Assurance Notification, a notified body confirms that the requirements of the ATEX Directive are fulfilled according to Annexes IV and VII.

Confirmed according to the European Ex Directive Basic principles

The basic provisions for terminal blocks and PE terminal blocks are IEC 60947-7-1 (EN 60 947-7-1 / VDE 0611T.1) and IEC 60 947-7-2 (EN 60 947-7-2 / VDE 0611T.3). EN 60079-0 is applicable for use in explosive risk zones and in case of increased safety "e" EN 60079-7.



Terminal blocks in the Ex environment

According to EN 60079-0, Ex terminal blocks are "Ex components". By definition, these are components required for the safe operation of devices and protection systems, without fulfilling an autonomous function, however. They are approved for explosion protection type "e" and, according to the European ATEX Directive, they are not identified with the % mark.

Electrical data


The values of current-carrying capacity specified in the catalogue relate to an ambient temperature of 40 °C. On loading with a rated current +10 %, the current bar of the terminal blocks heats up by a maximum of 40 K. Taking a further safety margin from EN 60079-0 into account, the following definitions arise:

Temperature class	Ambient temperature
General	-60 to +110 °C
T6	-60 to +40 °C
T5	-60 to +55 °C
T4	-60 to +70 °C

The permitted nominal current must be reduced accordingly if the actual ambient temperature is higher. The continuous operating temperature according to EN 60079-0 for the material KrG is 130 °C, for Wemid 130 °C and for the material PA 80 °C.

Identification

ATEX-directive: II 2 GD

-  Ex equipment
- II 2-G device group II category 2 (Zone 1 equipment)
- II 2-D device group II category 2 (Zone 21 equipment)

EN 60079-7: Ex e II

- Ex Explosion protection
- e Increased safety
- II Equipment group

DEMKO 14ATEX1338U (example)

- DEMKO Notified body
- ATEX Conformity with ATEX Directive
- U Component

Accessories

The accessories you can use is listed in the Ex certificates. To adhere to the creepage and clearance distances for Ex e, use terminations and partition plates.

Design and accessories for Ex i

Terminal blocks for intrinsically-safe circuits ("i") are passive components. Therefore, for use in intrinsically-safe circuits, you do not need a type examination certificate. We recommend blue terminals for clear identification and easy recognition. These, as well as the accessories, have to comply with the type according to EN 60079-11.

Clamping capacity of two conductors under Ex e

In case of the terminal block with screw connection (W-Series), it is generally permissible to also connect two conductors per clamping point, provided this is verified in the scope of type testing according to IEC 60947-7-1 and 60947-7-2. It is important to be sure that two of the same cross-sections are used below the rated cross-section.

ATEX directives

Since July 1, 2003, all new facilities in explosion risk zones must be certified according to ATEX Directive 94/9/EC or ATEX 95 (ATEX: ATmosphère EXplosive = explosive atmosphere). This directive is one of the "New Approach" directives. It is valid in all countries of the European Economic Area ("EEA"), as well as Iceland, Lichtenstein and Norway. In these countries, the directive refers to the sale and commissioning of products which have been designed particularly for high explosion risk environments (where explosive atmospheres exist due to gases, vapours, mists or dusts).

Directive 94/9/EC was superseded on April 20, 2016 by the directive 2014/34/EU.

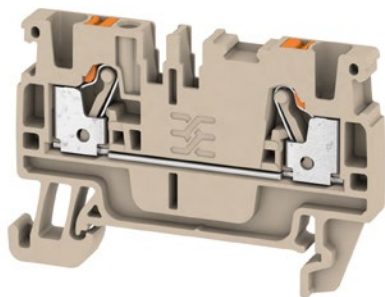
Definitions of design types

Feed-through terminal blocks



Functional description:

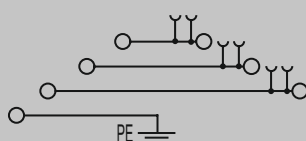
A feed-through terminal block is suitable for joining and/or connecting conductors and can have one or more connection levels that are insulated against one another.



Relevant standards:

- IEC 60947-7-1 / EN 60947-7-1

Multi-tier distribution terminal blocks



Functional description:

Multi-tier distribution terminal blocks have several connection levels and are used to join and/or connect external, neutral and protective earth conductors with a conducting PE connection to the mounting support plate. The N conductor can be disconnected to measure the insulation.



Relevant standards:

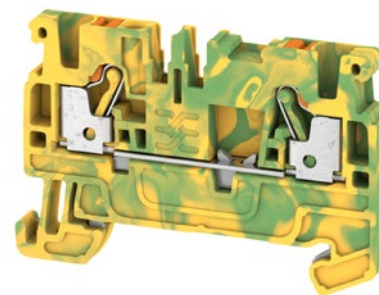
- IEC 60947-7-1
- IEC 60947-7-2
- DIN VDE 0611-4

PE terminal blocks



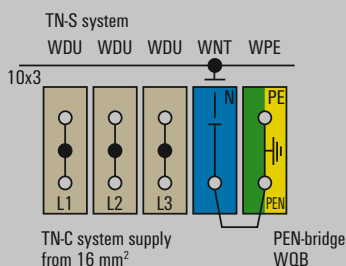
Functional description:

PE terminal blocks establish the electrical and mechanical connection between copper conductors and the mounting support plate. They have one or more contact points for connection with and/or bifurcation of protective earth conductors.



Relevant standards:

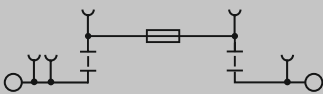
- IEC 60947-7-2 / EN 60947-7-2



PEN function

For the PEN function application, it is only permissible to use copper terminal rails according to IEC 60947-7-2.

Fuse terminal blocks



Functional description:

Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.



Relevant standards:

- IEC 60947-7-3
in conjunction with VDE 0636
- IEC 60127-2

Test disconnect terminal blocks



Functional description:

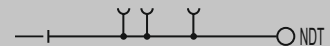
You can use test disconnect terminal blocks to test and measure electric circuits in the absence of voltage. While the disconnecting point's clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.



Relevant standards:

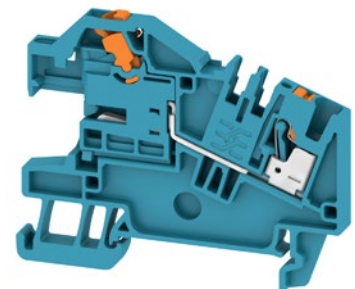
- IEC 60947-7-1

Neutral conductor disconnect terminal blocks



Functional description:

Neutral conductor disconnect terminal blocks have one longitudinal disconnect for connection to a neutral conductor busbar. The longitudinal disconnect is used to measure the insulation resistance against earth. It also enables simple testing without any need to disconnect the neutral conductor.



Relevant standards:

- IEC 60947-7-1

Using TS 35 × 15

TS 35 × 15 terminal rails for PE terminal blocks with a minimum rated cross-section of 16 mm² guarantee compliance with the required current-carrying capacity.

Service and support

Service and support	Our expertise for your requirements	V.2
	Engineering support and customised assembly	V.3
	Personal support	V.4

Our expertise for your requirements

Service connects – worldwide



Automation technology functions are becoming more complex in a globally-oriented world facing ambitious targets in terms of energy efficiency and smart production. We are your equal partners for the best connections in Industrial Connectivity.

Our personal support can answer any questions reliably and expertly. Our online services are available 365 day a year around the clock to provide answers to your questions on our products – from user documentation through software to planning tools.

In short: Weidmüller's global service combines our expertise with your requirements.



Your way to our service
www.weidmueller.com/service

Engineering support and customised assembly

Automation engineering and connectivity consulting belongs to our services as well as assembly of engineered products. We also support the process from the idea to the product with our Weidmüller Configurator and the Configure-to-Order process.



Consulting and engineering

The challenge for you is reducing costs and increasing efficiency. This requires intelligent, individual solutions. Whether it is modified products, pre-fitted mounting rails or complete small cabinets – our application centres provide a highly qualified custom-made engineering and production service.



Connectivity Consulting

Alongside our product offering, we support you with our range of services through all the phases of machine construction. The result of this collaboration is a reduction of up to 30% in cycle times, up to 20% more space in the control cabinet and significant fault reduction. Our experienced Connectivity Consulting team delivers a practical impetus rather than just abstract theories.



Fitted mounting rails

Your processes in panel building have to be fast, flexible and productive. This is the only way you can cut your costs and increase efficiency. Depending on the application in question, you will have different requirements with respect to the engineering service, delivery speed and flexibility to be provided.



Processed and assembled enclosures

To compete internationally, your plants need to satisfy high standards of safety, quality and performance. The smart combination of consultation, application expertise and industry know-how is our key to finding a custom-fit solution for your application. Reduce costs and increase efficiency.

Personal support

Exactly the right help and information on our solutions and products



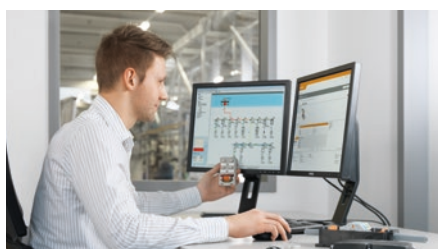
If our products are used in your automation technology applications, you need the best possible individual support, from planning through installation to operation. For every stage of your application, we can offer the right tools and information for our products and solutions. Up-to-date, uncomplicated, comprehensive and around the clock via our service portal at www.weidmueller.com/support.





Technical downloads

All information, such as technical data, manuals, certificates and much more for the appropriate use of our products and solutions in your application.



Engineering data

For the quick integration of our products into your design, there are a lot of digital product data for engineering systems like EPLAN, Zuken E3.series, WSCAD and many others available for download.



Product software

Our software makes using and configuration of our products easier for you when it comes to operation, configuration and monitoring.



Approvals, certificates & declaration of conformity

We supply product- or company-related approvals and certificates for your documentation.



Security advisory board

Our Product Security Incident Response Team (PSIRT) continuously informs you about possible security-related vulnerabilities of our products.

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A2T 2.5 FT-PE	1547640000	A.19
A2T 2.5 FT-PE DL	2675130000	A.77
A2T 2.5 PE	1547680000	A.33
A2T 2.5 PE	1547680000	A.79
A2T 2.5 PE DL	2675150000	A.77
A2T 2.5 SNAPMARK	2581250000	A.18
A2T 2.5 SNAPMARK BL	2581280000	A.18
A2T 2.5 VL	1547650000	A.19
A2T 2.5 VL BL	1547660000	A.19
A2T 2.5 VL DL	2675140000	A.77
A2T 4	2539970000	A.21
A2T 4 BL	2540040000	A.21
A2T 4 DL	2675160000	A.77
A2T 4 DL BL	2675170000	A.77
A2T 4 FT-PE	2539980000	A.22
A2T 4 FT-PE DL	2675180000	A.77
A2T 4 PE	2539990000	A.34
A2T 4 PE DL	2675200000	A.77
A2T 4 VL	2540020000	A.22
A2T 4 VL BL	2540030000	A.22
A2T 4 VL DL	2675190000	A.77
A3C 1.5	1552740000	A.6
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A3C 1.5 BK	2534230000	A.90
A3C 1.5 BL	1552770000	A.6
A3C 1.5 BL	1552770000	A.90
A3C 1.5 BR	2534530000	A.90
A3C 1.5 DBL	2534540000	A.90
A3C 1.5 DL BL	2674640000	A.77
A3C 1.5 GN	2534480000	A.90
A3C 1.5 LTGY	2534490000	A.90
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A3C 1.5 PE	1552670000	A.26
A3C 1.5 PE	1552670000	A.79
A3C 1.5 PE DL	2674650000	A.77
A3C 1.5 RD	2534500000	A.90
A3C 1.5 WT	2534510000	A.90
A3C 1.5 YL	2534520000	A.90
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A3C 10 BL	2490510000	A.12
A3C 10 DL	2674970000	A.77
A3C 10 DL BL	2674980000	A.77
A3C 10 PE	2490590000	A.31
A3C 10 PE DL	2674990000	A.77
A3C 16	2494090000	A.13
A3C 16 BL	2494080000	A.13
A3C 16 DL	2675030000	A.77
A3C 16 DL BL	2675040000	A.77
A3C 16 PE	2494020000	A.31
A3C 16 PE DL	2675050000	A.77
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A3C 2.5 BK	1521920000	A.90
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A3C 2.5 PE	1521670000	A.36
A3C 2.5 PE DL	2674740000	A.79
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A3C 4	2051240000	A.37
A3C 4	2051240000	A.38
A3C 4	2051240000	A.79
A3C 4	2051240000	A.90
A3C 4 BK	2051400000	A.90
A3C 4 BL	2051280000	A.9
A3C 4 BL	2051280000	A.90

Type	Order No.	Page
A3C 4 BR	2534290000	A.90
A3C 4 DBL	2534360000	A.90
A3C 4 DL	2674810000	A.77
A3C 4 DL BL	2674820000	A.77
A3C 4 GN	2051350000	A.90
A3C 4 LTGY	2051460000	A.90
A3C 4 OR	2051320000	A.90
A3C 4 PE	2051410000	A.29
A3C 4 PE	2051410000	A.37
A3C 4 PE	2051410000	A.38
A3C 4 PE	2051410000	A.79
A3C 4 PE DL	2674830000	A.77
A3C 4 RD	2051300000	A.90
A3C 4 WT	2051370000	A.90
A3C 4 YL	2051340000	A.90
A3C 6	1991820000	A.90
A3C 6	1991820000	A.79
A3C 6	1991820000	A.90
A3C 6 BL	1991830000	A.10
A3C 6 BL	1991830000	A.90
A3C 6 DL	2674900000	A.77
A3C 6 DL BL	2674920000	A.77
A3C 6 OR	1991840000	A.90
A3C 6 PE	1991850000	A.30
A3C 6 PE	1991850000	A.79
A3C 6 PE DL	2674930000	A.77
A3T 2.5	2428510000	A.23
A3T 2.5 BL	2428520000	A.23
A3T 2.5 FT-FT-PE	2428530000	A.23
A3T 2.5 N-FT-PE	2428840000	A.24
A3T 2.5 PE	2428550000	A.35
A3T 2.5 VL	2428540000	A.23
A3T 2.5 VL BL	2428550000	A.23
A4C 1.5	1552890000	A.7
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A4C 1.5 PE	1552660000	A.27
A4C 1.5 PE	1552660000	A.79
A4C 1.5 PE DL	2674868000	A.77
A4C 1.5 RD	2534430000	A.90
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A4C 2.5 BK	1521820000	A.90
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A4C 2.5 DL BL	2674760000	A.77
A4C 2.5 FE	2690470000	B.219
A4C 2.5 FE	2690470000	B.220
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A4C 4 WT	2051610000	A.90
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AAC 35 2X6	2583090000	A.14
AAC 35 2X6	2583090000	B.8
AAC 35 2X6	2583090000	B.9
AAC 35 2X6	2583090000	B.10
AAC 35 2X6	2583090000	B.11
AAC 35 2X6	2583090000	B.12
AAC 35 2X6	2583090000	B.224

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
AAC 35 2X6 BK-YL	2583190000	A.14	AAM 6 YE FLASH	2635570000	A.88	AAP22 4 LIFS 30-70V	2460140000	B.115	AEB 35 SC/1	1991920000	B.50
AAC 35 2X6 BK-YL	2583190000	B.8	AAP11 1.5 U BL	1988170000	B.99	AAP22 4 LIFS 60-150V	2460130000	B.115	AEB 35 SC/1	1991920000	B.52
AAC 35 2X6 BK-YL	2583190000	B.9	AAP11 1.5 U BL/OR	2522870000	B.99	ADHB/8 WTL35	2334730000	B.164	AEB 35 SC/1	1991920000	B.54
AAC 35 2X6 BK-YL	2583190000	B.10	AAP11 1.5 U DL BL	2675360000	A.77	ADHB/8 WTL35	2334730000	B.165	AEB 35 SC/1	1991920000	B.55
AAC 35 2X6 BK-YL	2583190000	B.11	AAP11 1.5 U DL BL/OR	2675370000	A.77	ADP 1/HP1 1M	0485200000	C.23	AEB 35 SC/1	1991920000	B.58
AAC 35 2X6 BK-YL	2583190000	B.12	AAP11 1.5 U DL OR	2675350000	A.77	ADP 2/HP2 1M	0485300000	C.23	AEB 35 SC/1	1991920000	B.60
AAC 35 2X6 BK-YL	2583190000	B.224	AAP11 1.5 U DL RD	2675340000	A.77	ADP 3/HP3 1M	0485400000	C.23	AEB 35 SC/1	1991920000	B.62
AAC 35 2X6 BL	2583170000	A.14	AAP11 1.5 U GN/OR	2614100000	B.99	ADP 4/1000	1430760000	C.23	AEB 35 SC/1	1991920000	B.64
AAC 35 2X6 BL	2583170000	B.8	AAP11 1.5 U OR	2503910000	B.99	ADP 4/300	1378160000	C.23	AEB 35 SC/1	1991920000	B.65
AAC 35 2X6 BL	2583170000	B.9	AAP11 1.5 U RD	1988160000	B.99	ADP WF10/WF12	1780940000	A.344	AEB 35 SC/1	1991920000	B.68
AAC 35 2X6 BL	2583170000	B.10	AAP11 1.5 U WT	2683440000	B.99	ADP WF10/WF12	1780940000	A.345	AEB 35 SC/1	1991920000	B.69
AAC 35 2X6 BL	2583170000	B.11	AAP11 6 FE	1988140000	B.98	ADP WF10/WF12	1780940000	A.346	AEB 35 SC/1	1991920000	B.72
AAC 35 2X6 BL	2583170000	B.12	AAP11 6 LD BL	1988130000	B.98	ADP WF10/WF12	1780940000	A.347	AEB 35 SC/1	1991920000	B.74
AAC 35 2X6 BL	2583170000	B.224	AAP11 6 LD BL/OR	2522720000	B.98	ADP WF6/WF8	1780930000	A.342	AEB 35 SC/1	1991920000	B.76
AAC 35 2X6 GN-YL	2583180000	A.14	AAP11 6 LD DL BL	2675320000	A.77	ADP WF6/WF8	1780930000	A.343	AEB 35 SC/1	1991920000	B.78
AAC 35 2X6 GN-YL	2583180000	A.32	AAP11 6 LD DL BL/OR	2675330000	A.77	ADP WF6/WF8	1780930000	A.344	AEB 35 SC/1	1991920000	B.80
AAC 35 2X6 GN-YL	2583180000	B.8	AAP11 6 LD DL OR	2675310000	A.77	ADT 2.5 2C	1989800000	A.36	AEB 35 SC/1	1991920000	B.82
AAC 35 2X6 GN-YL	2583180000	B.9	AAP11 6 LD DL RD	2675300000	A.77	ADT 2.5 2C	1989800000	A.40	AEB 35 SC/1	1991920000	B.90
AAC 35 2X6 GN-YL	2583180000	B.10	AAP11 6 LD GN/OR	2718300000	B.98	ADT 2.5 2C	1989800000	A.79	AEB 35 SC/1	1991920000	B.98
AAC 35 2X6 GN-YL	2583180000	B.11	AAP11 6 LD OR	2503650000	B.98	ADT 2.5 2C BL	1989810000	A.40	AEB 35 SC/1	1991920000	B.99
AAC 35 2X6 GN-YL	2583180000	B.12	AAP11 6 LD RD	1989780000	B.98	ADT 2.5 2C DL	2675210000	A.77	AEB 35 SC/1	1991920000	B.100
AAC 35 2X6 GN-YL	2583180000	B.224	AAP11 6 LD WT	2683430000	B.98	ADT 2.5 2C DL BL	2675220000	A.77	AEB 35 SC/1	1991920000	B.101
AAC 50-185 2X10	2663420000	A.16	AAP11 6/6X1.5 L0-L1 BL	2464750000	B.99	ADT 2.5 2C W/O DTV	1989930000	A.40	AEB 35 SC/1	1991920000	B.102
AAC 50-185 2X10	2663420000	A.32	AAP11 6/6X1.5 L0-L1 BL/OR	2522830000	B.99	ADT 2.5 3C	1989830000	A.41	AEB 35 SC/1	1991920000	B.103
AAC 50-185 2X10	2663420000	A.33	AAP11 6/6X1.5 L0-L1 DL BL	2675380000	A.77	ADT 2.5 3C	1989830000	A.79	AEB 35 SC/1	1991920000	B.104
AAC 50-185 2X10	2663420000	B.16	AAP11 6/6X1.5 L0-L1 DL BL/OR	2675410000	A.77	ADT 2.5 3C BL	1989840000	A.41	AEB 35 SC/1	1991920000	B.105
AAC 50-185 2X10	2663420000	B.17	AAP11 6/6X1.5 L0-L1 DL OR	2675400000	A.77	ADT 2.5 3C W/O DTV	1989840000	A.42	AEB 35 SC/1	1991920000	B.106
AAC 50-185 2X10	2663420000	B.18	AAP11 6/6X1.5 L0-L1 DL RD	2675390000	A.77	ADT 2.5 4C	1989860000	A.42	AEB 35 SC/1	1991920000	B.107
AAC 50-185 2X10	2663420000	B.19	AAP11 6/6X1.5 L0-L1 RD	2503670000	B.99	ADT 2.5 4C	1989860000	A.79	AEB 35 SC/1	1991920000	B.108
AAC 50-185 2X10	2663420000	B.20	AAP11 6/6X1.5 L0-L1 WT	2464690000	B.99	ADT 2.5 4C BL	1989870000	A.42	AEB 35 SC/1	1991920000	B.109
AAC 50-185 2X10	2663420000	B.21	AAP11 6/6X1.5 PE-L1	2464740000	B.99	ADT 2.5 4C DL	2675230000	A.77	AEB 35 SC/1	1991920000	B.110
AAC 50-185 2X10	2663420000	B.22	AAP12 10 FE	1988200000	B.104	ADT 2.5 4C W/O DTV	1989950000	A.43	AEB 35 SC/1	1991920000	B.111
AAC 50-185 2X10	2663420000	B.225	AAP12 10 LD BL	1988180000	B.104	ADT 4 2C	2429850000	A.43	AEB 35 SC/1	1991920000	B.112
AAC 50-185 2X10	2663420000	B.226	AAP12 10 LD BL/OR	2522860000	B.104	ADT 4 2C	2429850000	A.79	AEB 35 SC/1	1991920000	B.114
AAC 50-185 2X10 BK-YL	2663450000	A.15	AAP12 10 LD DL BL	2675440000	A.77	ADT 4 2C BL	2429880000	A.43	AEB 35 SC/1	1991920000	B.115
AAC 50-185 2X10 BK-YL	2663450000	A.16	AAP12 10 LD DL BL/OR	2675450000	A.77	ADT 4 2C DL	2675240000	A.77	AEB 35 SC/1	1991920000	B.168
AAC 50-185 2X10 BK-YL	2663450000	A.32	AAP12 10 LD DL OR	2675430000	A.77	AEB 35 SC/1	1991920000	A.6	AEB 35 SC/1	1991920000	B.169
AAC 50-185 2X10 BK-YL	2663450000	A.33	AAP12 10 LD DL RD	2675420000	A.77	AEB 35 SC/1	1991920000	A.7	AEB 35 SC/1	1991920000	B.172
AAC 50-185 2X10 BK-YL	2663450000	B.16	AAP12 10 LD GN/OR	2619410000	B.104	AEB 35 SC/1	1991920000	A.8	AEB 35 SC/1	1991920000	B.173
AAC 50-185 2X10 BK-YL	2663450000	B.17	AAP12 10 LD OR	2503900000	B.104	AEB 35 SC/1	1991920000	A.9	AEB 35 SC/1	1991920000	B.220
AAC 50-185 2X10 BK-YL	2663450000	B.18	AAP12 10 LD RD	1988190000	B.104	AEB 35 SC/1	1991920000	A.10	AEB 35 SC/1	1991920000	B.221
AAC 50-185 2X10 BK-YL	2663450000	B.19	AAP12 10 LD WT	2683450000	B.104	AEB 35 SC/1	1991920000	A.11	AEB 35 SC/1	1991920000	B.224
AAC 50-185 2X10 BK-YL	2663450000	B.20	AAP12 10/4X2.5 L0-L1 BL	2464720000	B.105	AEB 35 SC/1	1991920000	A.12	AEB 35 SC/1	1991920000	B.225
AAC 50-185 2X10 BK-YL	2663450000	B.21	AAP12 10/4X2.5 L0-L1 BL/OR	2522850000	B.105	AEB 35 SC/1	1991920000	A.13	AEB 35 SC/1	1991920000	B.261
AAC 50-185 2X10 BK-YL	2663450000	B.22	AAP12 10/4X2.5 L0-L1 DL BL/OR	2675520000	A.77	AEB 35 SC/1	1991920000	A.14	AEB 35 SC/1 BK	2475310000	B.36
AAC 50-185 2X10 BK-YL	2663450000	B.225	AAP12 10/4X2.5 L0-L1 DL OR	2675510000	A.77	AEB 35 SC/1	1991920000	A.15	AEB 35 SC/1 BK	2475310000	B.37
AAC 50-185 2X10 BK-YL	2663450000	B.226	AAP12 10/4X2.5 L0-L1 DL RD	2675500000	A.77	AEB 35 SC/1	1991920000	A.16	AEB 35 SC/1 BK	2475310000	B.40
AAC 50-185 2X10 BK-YL	2663450000	A.15	AAP12 10/4X2.5 L0-L1 OR	2503890000	B.105	AEB 35 SC/1	1991920000	A.17	AEB 35 SC/1 BK	2475310000	B.42
AAC 50-185 2X10 BL	2663430000	A.16	AAP12 10/4X2.5 L0-L1 RD	2464730000	B.105	AEB 35 SC/1	1991920000	A.18	AEB 35 SC/1 BK	2475310000	B.44
AAC 50-185 2X10 BL	2663430000	A.32	AAP12 10/4X2.5 L0-L1 WT	2712970000	B.105	AEB 35 SC/1	1991920000	A.19	AEB 35 SC/1 V0	2661280000	A.6
AAC 50-185 2X10 BL	2663430000	A.33	AAP12 10/4X2.5 PE-L1	2464710000	B.105	AEB 35 SC/1	1991920000	A.20	AEB 35 SC/1 V0	2661280000	A.7
AAC 50-185 2X10 BL	2663430000	B.16	AAP12 2.5 U BL/OR	2522840000	B.105	AEB 35 SC/1	1991920000	A.21	AEB 35 SC/1 V0	2661280000	A.8
AAC 50-185 2X10 BL	2663430000	B.17	AAP12 2.5 U BL	1988100000	B.105	AEB 35 SC/1	1991920000	A.22	AEB 35 SC/1 V0	2661280000	A.9
AAC 50-185 2X10 BL	2663430000	B.18	AAP12 2.5 U DL BL	2675490000	A.77	AEB 35 SC/1	1991920000	A.23	AEB 35 SC/1 V0	2661280000	A.10
AAC 50-185 2X10 BL	2663430000	B.19	AAP12 2.5 U DL BL/OR	2675480000	A.77	AEB 35 SC/1	1991920000	A.24	AEB 35 SC/1 V0	2661280000	A.11
AAC 50-185 2X10 BL	2663430000	B.20	AAP12 2.5 U DL OR	2675470000	A.77	AEB 35 SC/1	1991920000	A.25	AEB 35 SC/1 V0	2661280000	A.12
AAC 50-185 2X10 BL	2663430000	B.21	AAP12 2.5 U DL RD	2675460000	A.77	AEB 35 SC/1	1991920000	A.26	AEB 35 SC/1 V0	2661280000	A.13
AAC 50-185 2X10 BL	2663430000	B.22	AAP12 2.5 U GN/OR	2614110000	B.105	AEB 35 SC/1	1991920000	A.27	AEB 35 SC/1 V0	2661280000	A.14
AAC 50-185 2X10 BL	2663430000	B.225	AAP12 2.5 U OR	2503880000	B.105	AEB 35 SC/1	1991920000	A.28	AEB 35 SC/1 V0	2661280000	A.15
AAC 50-185 2X10 BL	2663430000	B.226	AAP12 2.5 U RD	1988290000	B.105	AEB 35 SC/1	1991920000	A.29	AEB 35 SC/1 V0	2661280000	A.16
AAC 50-185 2X10 GN-YL	2663440000	A.15	AAP12 2.5 U WT	2683460000	B.105	AEB 35 SC/1	1991920000	A.30	AEB 35 SC/1 V0	2661280000	A.17
AAC 50-185 2X10 GN-YL	2663440000	A.16	AAP12 1.5 U-L1	1988280000	B.101	AEB 35 SC/1	1991920000	A.31	AEB 35 SC/1 V0	2661280000	A.18
AAC 50-185 2X10 GN-YL	2663440000	A.32	AAP13 1.5 U-L1	2428920000	B.110	AEB 35 SC/1	1991920000	A.32	AEB 35 SC/1 V0	2661280000	A.19
AAC 50-185 2X10 GN-YL	2663440000	A.33	AAP13 1.5 U-L1 OR	2675550000	A.77	AEB 35 SC/1	1991920000	A.33	AEB 35 SC/1 V0	2661280000	A.20
AAC 50-185 2X10 GN-YL	2663440000	B.16	AAP13 1.5 U-L1 DL	2623920000	B.101	AEB 35 SC/1	1991920000	A.34	AEB 35 SC/1 V0	2661280000	A.21
AAC 50-185 2X10 GN-YL	2663440000	B.17	AAP13 6 FE-L0	1988270000	B.100	AEB 35 SC/1	1991920000	A.35	AEB 35 SC/1 V0	2661280000	A.22
AAC 50-185 2X10 GN-YL	2663440000	B.18	AAP13 6 L0-L0	1988260000	B.100	AEB 35 SC/1	1991920000	A.40	AEB 35 SC/1 V0	2661280000	A.23
AAC 50-185 2X10 GN-YL	2663440000	B.19	AAP13 6 L0-L0 DL	2675540000	A.77	AEB 35 SC/1	1991920000	A.41	AEB 35 SC/1 V0	2661280000	A.24
AAC 50-185 2X10 GN-YL	2663440000	B.20	AAP13 6 L0-L0 OR	2623910000	B.101	AEB 35 SC/1	1991920000	A.42	AEB 35 SC/1 V0	2661280000	A.25
AAC 50-185 2X10 GN-YL	2663440000	B.21	AAP14 10 FE-L0	1988240000	B.106	AEB 35 SC/1	1991920000	A.43	AEB 35 SC/1 V0	2661280000	A.26
AAC 50-185 2X10 GN-YL	2663440000	B.22	AAP14 10 L0-L0	1988250000	B.106	AEB 35 SC/1	1991920000	A.46	AEB 35 SC/1 V0	2661280000	A.27
AAC 50-185 2X10 GN-YL	2663440000	B.225	AAP14 10 L0-L0 DL	2675560000	A.77	AEB 35 SC/1	1991920000	A.48	AEB 35 SC/1 V0	2661280000	A.28
AAC 50-185 2X10 GN-YL	2663440000	B.226	AAP14 2.5 U-L1	1988230000	B.107	AEB 35 SC/1	1991920000	A.49	AEB 35 SC/1 V0	2661280000	A.29
AAM 1.5 YE FLASH	2635520000	A.88	AAP14 2.5 U-L1 DL	2675570000	A.77	AEB 35 SC/1	1991920000	A.50	AEB 35 SC/1 V0	2661280000	A.30
AAM 10 YE FLASH	2635580000	A.88	AAP21 10 FE	2428920000	B.110	AEB 35 SC/1	1991920000	A.51	AEB 35 SC/1 V0	2661280000	A.31
AAM 16 YE FLASH	2635590000	A.88	AAP21 10 LD BL	2428940000	B.110	AEB 35 SC/1	1991920000	A.52	AEB 35 SC/1 V0	2661280000	A.32
AAM 2.5 YE FLASH	2635550000	A.88	AAP21 10 LD BL/OR	2581800000	B.111	AEB 35 SC/1	1991920000	A.53	AEB 35 SC/1 V0	2661280000	A.33
AAM 35-185 YE FLASH	2635600000	A.14	AAP21 10 LD OR	2581690000	B.110	AEB 35 SC/1	1991920000	A.54	AEB 35 SC/1 V0	2661280000	A.34
AAM 35-185 YE FLASH	2635600000										

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
AEB 35 SCL/1 VO	2661280000	A.69	AEP 2T 1.5 BL	2471470000	A.51	AEP I021	1993580000	B.173	AITB 2.5 LDT-L W/O DTLV	2668990000	B.257
AEB 35 SCL/1 VO	2661280000	A.76	AEP 2T 1.5 BL	2471470000	B.261	AEP I022	1993590000	B.173	AITB 2.5 LDT-L-PE	2669040000	B.256
AEB 35 SCL/1 VO	2661280000	A.89	AEP 2T 2.5	1547690000	A.18	AEP I023	1993600000	B.173	AITB 2.5 LDT-L-PE W/O DTLV	2669050000	B.257
AEB 35 SCL/1 VO	2661280000	B.8	AEP 2T 2.5	1547690000	A.19	AEP ITB 16 BB 2C	2668840000	B.245	AITB 2.5 N4-PE	2669020000	B.258
AEB 35 SCL/1 VO	2661280000	B.9	AEP 2T 2.5	1547690000	A.20	AEP ITB 16 BB 2C	2668840000	B.247	AITB 4 BB L	2669070000	B.254
AEB 35 SCL/1 VO	2661280000	B.10	AEP 2T 2.5	1547690000	A.21	AEP ITB 16 BB 2C BL	2668850000	B.245	AITB 4 BB L4-PE	2669080000	B.254
AEB 35 SCL/1 VO	2661280000	B.11	AEP 2T 2.5	1547690000	A.33	AEP ITB 16 BB NDT BL	2668860000	B.249	AITB 4 BB N4-PE	2669090000	B.255
AEB 35 SCL/1 VO	2661280000	B.16	AEP 2T 2.5	1547690000	A.54	AEP ITB 2.5	2669060000	B.256	AITB 4 BB NDT-L-PE	2669100000	B.255
AEB 35 SCL/1 VO	2661280000	B.17	AEP 2T 2.5	1547690000	A.55	AEP ITB 2.5	2669060000	B.257	AITB 6 BB 2C	2668700000	B.244
AEB 35 SCL/1 VO	2661280000	B.18	AEP 2T 2.5	1547690000	A.66	AEP ITB 2.5	2669060000	B.258	AITB 6 BB 2C BL	2668710000	B.244
AEB 35 SCL/1 VO	2661280000	B.19	AEP 2T 2.5	1547690000	A.67	AEP ITB 2.5	2669060000	B.259	AITB 6 BB 2C PE	2668720000	B.246
AEB 35 SCL/1 VO	2661280000	B.90	AEP 2T 2.5	1547690000	A.68	AEP ITB 2.5 BB	2668960000	B.250	AITB 6 BB NDT BL	2668730000	B.248
AEB 35 SCL/1 VO	2661280000	B.98	AEP 2T 2.5	1547690000	A.69	AEP ITB 2.5 BB	2668960000	B.251	AKE 2.5	1303380000	A.247
AEB 35 SCL/1 VO	2661280000	B.99	AEP 2T 2.5 3C	2532690000	A.19	AEP ITB 2.5 BB	2668960000	B.252	AKE 4	0380260000	A.248
AEB 35 SCL/1 VO	2661280000	B.100	AEP 2T 2.5 3C	2532690000	A.34	AEP ITB 2.5 BB	2668960000	B.253	AKZ 1.5	0340460000	A.214
AEB 35 SCL/1 VO	2661280000	B.101	AEP 2T 2.5 3C BL	2532700000	A.19	AEP ITB 2.5 BB 2C	2668780000	B.244	AKZ 1.5 BL	0340480000	A.214
AEB 35 SCL/1 VO	2661280000	B.102	AEP 2T 2.5 BL	1547700000	A.18	AEP ITB 2.5 BB 2C	2668780000	B.246	AKZ 2.5	0697160000	A.216
AEB 35 SCL/1 VO	2661280000	B.103	AEP 2T 2.5 BL	1547700000	A.19	AEP ITB 2.5 BB 2C BL	2668790000	B.244	AKZ 2.5 BL	0697180000	A.216
AEB 35 SCL/1 VO	2661280000	B.104	AEP 2T 2.5 BL	1547700000	A.20	AEP ITB 2.5 BB NDT BL	2668800000	B.248	AKZ 4	0294360000	A.218
AEB 35 SCL/1 VO	2661280000	B.105	AEP 2T 2.5 BL	1547700000	A.21	AEP ITB 4 BB	2669110000	B.254	AKZ 4 BL	0294380000	A.218
AEB 35 SCL/1 VO	2661280000	B.106	AEP 2T 2.5 BL	1547700000	A.54	AEP ITB 4 BB	2669110000	B.255	ALO 16	2502280000	A.13
AEB 35 SCL/1 VO	2661280000	B.107	AEP 2T 2.5 BL	1547700000	A.55	AEP ITB 6 BB 2C	2668810000	B.244	ALO 16 BL	2502320000	A.13
AEB 35 SCL/1 VO	2661280000	B.108	AEP 2T 4	2540000000	A.21	AEP ITB 6 BB 2C	2668810000	B.246	ALO 6	1991780000	A.11
AEB 35 SCL/1 VO	2661280000	B.109	AEP 2T 4	2540000000	A.22	AEP ITB 6 BB 2C BL	2668820000	B.244	ALO 6 BL	2065120000	A.11
AEB 35 SCL/1 VO	2661280000	B.110	AEP 2T 4	2540000000	A.34	AEP ITB 6 BB NDT BL	2668830000	B.248	AMC 2.5	2434340000	A.25
AEB 35 SCL/1 VO	2661280000	B.111	AEP 2T 4	2540000000	A.58	AEP MC 2.5	2433820000	A.25	AMC 2.5	2434340000	B.90
AEB 35 SCL/1 VO	2661280000	B.112	AEP 2T 4	2540000000	A.59	AEP MC 2.5	2433820000	B.90	AMC 2.5 800V	2434370000	A.25
AEB 35 SCL/1 VO	2661280000	B.114	AEP 2T 4 BL	2540010000	A.21	AEP PGTB 1.5 4C/2	2482510000	A.49	AMC 2.5 800V	2434370000	B.90
AEB 35 SCL/1 VO	2661280000	B.115	AEP 2T 4 BL	2540010000	A.22	AEP PGTB 1.5 4C/2	2482510000	A.50	AMC 2.5 800V DL	2742050000	A.77
AEB 35 SCL/1 VO	2661280000	B.130	AEP 2T 4 BL	2540010000	A.58	AEP PGTB 1.5 4C/2 BL	2482520000	A.49	AMC 2.5 DL	2742040000	A.77
AEB 35 SCL/1 VO	2661280000	B.132	AEP 2T 4 BL	2540010000	A.59	AEP PGTB 2.5 4C/2	1514450000	A.53	AMG AM	2081890000	B.121
AEB 35 SCL/1 VO	2661280000	B.134	AEP 3C 1.5	1552620000	A.6	AEP PGTB 2.5 4C/2	1514450000	A.54	AMG AM CO	2082770000	B.121
AEB 35 SCL/1 VO	2661280000	B.172	AEP 3C 1.5	1552620000	A.26	AEP PGTB 2.5 4C/2 BL	1514470000	A.53	AMG CM	2081900000	B.121
AEB 35 SCL/1 VO	2661280000	B.173	AEP 3C 1.5	1552620000	A.49	AEP PGTB 4 4C/2	2540210000	A.57	AMG CM EX	2083360000	B.121
AEB 35 SCL/1 VO	2661280000	B.220	AEP 3C 1.5 BL	1552630000	A.6	AEP PGTB 4 4C/2	2540210000	A.58	AMG DIS	2123050000	B.121
AEB 35 SCL/1 VO	2661280000	B.221	AEP 3C 1.5 BL	1552630000	A.49	AEP PGTB 4 4C/2 BL	2540280000	A.57	AMG DIS EX	2495100000	B.121
AEB 35 SCL/1 VO	2661280000	B.224	AEP 3C 10/16	2490530000	A.12	AEP PGTB 4 4C/2 BL	2540280000	A.58	AMG ELM-10D CO	2082470000	B.121
AEB 35 SCL/1 VO	2661280000	B.225	AEP 3C 10/16	2490530000	A.13	AFS 2.5 CF 2C 12V BK	2466610000	A.36	AMG ELM-10F	2080650000	B.121
AEB 35 SCL/1 VO	2661280000	B.244	AEP 3C 10/16	2490530000	A.31	AFS 2.5 CF 2C 12V BK	2466610000	A.79	AMG ELM-10F EX	2082430000	B.121
AEB 35 SCL/1 VO	2661280000	B.245	AEP 3C 10/16 BL	2490540000	A.12	AFS 2.5 CF 2C 24V BK	2466600000	A.36	AMG ELM-12	2080410000	B.121
AEB 35 SCL/1 VO	2661280000	B.246	AEP 3C 10/16 BL	2490540000	A.13	AFS 2.5 CF 2C 24V BK	2466600000	A.79	AMG ELM-12 EX	2082010000	B.121
AEB 35 SCL/1 VO	2661280000	B.247	AEP 3C 2.5	1521510000	A.7	AFS 2.5 CF 2C BK	2466530000	A.36	AMG ELM-1F	2080420000	B.121
AEB 35 SCL/1 VO	2661280000	B.248	AEP 3C 2.5	1521510000	A.27	AFS 2.5 CF 2C BK	2466530000	A.79	AMG ELM-1F CL2	2491270000	B.121
AEB 35 SCL/1 VO	2661280000	B.249	AEP 3C 2.5	1521510000	A.53	AFS 4 2C 10-36V BK	2429870000	A.37	AMG ELM-1F EX	2082040000	B.121
AEB 35 SCL/1 VO	2661280000	B.250	AEP 3C 2.5 BL	1521520000	A.7	AFS 4 2C 10-36V BL/BL	2680570000	A.38	AMG ELM-2F	2080480000	B.121
AEB 35 SCL/1 VO	2661280000	B.251	AEP 3C 2.5 BL	1521520000	A.53	AFS 4 2C 10-36V DL BK	2675260000	A.77	AMG ELM-2F CL2	2491280000	B.121
AEB 35 SCL/1 VO	2661280000	B.252	AEP 3C 4	2051720000	A.9	AFS 4 2C 100-250V BK	2434390000	A.37	AMG ELM-2F EX	2082050000	B.121
AEB 35 SCL/1 VO	2661280000	B.253	AEP 3C 4	2051720000	A.29	AFS 4 2C 100-250V BL/BL	2680590000	A.38	AMG ELM-4F	2080490000	B.121
AEB 35 SCL/1 VO	2661280000	B.254	AEP 3C 4	2051720000	A.57	AFS 4 2C 100-250V DL BK	2675290000	A.77	AMG ELM-4F CL2	2491290000	B.121
AEB 35 SCL/1 VO	2661280000	B.255	AEP 3C 4 BK	2486640000	A.37	AFS 4 2C 30-70V BK	2434350000	A.37	AMG ELM-4F EX	2082060000	B.121
AEB 35 SCL/1 VO	2661280000	B.256	AEP 3C 4 BK	2486640000	A.38	AFS 4 2C 30-70V DL BK	2675270000	A.77	AMG ELM-6	2080360000	B.121
AEB 35 SCL/1 VO	2661280000	B.257	AEP 3C 4 BL	2051880000	A.9	AFS 4 2C 60-150V BK	2434380000	A.37	AMG ELM-6 EX	2082000000	B.121
AEB 35 SCL/1 VO	2661280000	B.258	AEP 3C 4 BL	2051880000	A.57	AFS 4 2C 60-150V DL BK	2675280000	A.77	AMG ELM-6D CO	2082440000	B.121
AEB 35 SCL/1 VO	2661280000	B.259	AEP 3C 6	1991940000	A.10	AFS 4 2C BK	2429860000	A.37	AMG ELM-8F	2080500000	B.121
AEB 35 SCL/1 VO	2661280000	B.261	AEP 3C 6	1991940000	A.30	AFS 4 2C BK	2429860000	A.79	AMG ELM-8F EX	2082310000	B.121
AEB 35 SCL/1 VO BK	2661300000	A.89	AEP 3C 6 BL	1991910000	A.10	AFS 4 2C BK/BL	2548140000	A.38	AMG ELM-8F	2080600000	B.121
AEB 35 SCL/1 VO BK DL	2570250000	A.89	AEP 3T 2.5	2428560000	A.18	AFS 4 2C DL BK	2675250000	A.77	AMG ELM-8F EX	2082320000	B.121
AEB 35 SCL/1 VO DL	2570240000	A.89	AEP 3T 2.5	2428560000	A.23	AH WDT 2.5 BT	1305230000	A.294	AMG ELM-Q2222	2080750000	B.121
AEB 35 SCL/1 VO GY	2661290000	A.89	AEP 3T 2.5	2428560000	A.24	AI0211 1.5 SI	1992260000	A.79	AMG ELM-Q2244	2081650000	B.121
AEB 35 SCL/1 VO GY DL	2570260000	A.89	AEP 3T 2.5	2428560000	A.35	AI0211 1.5 SI	1992260000	B.172	AMG ELM-Q2266	2081820000	B.121
AEP 2C 1.5	1552600000	A.6	AEP 3T 2.5 BL	2428860000	A.18	AI0211 1.5 SI DL	2675580000	A.77	AMG ELM-Q4444	2080890000	B.121
AEP 2C 1.5	1552600000	A.26	AEP 3T 2.5 BL	2428860000	A.23	AI0211 1.5 SI DL OR	2675630000	A.77	AMG ELM-Q6666	2080920000	B.121
AEP 2C 1.5	1552600000	A.48	AEP 3T 2.5 BL	2428860000	A.24	AI0211 1.5 SI SO	2579610000	B.172	AMG EP 2010	2495380000	B.121
AEP 2C 1.5 BL	1552610000	A.6	AEP 4C 1.5	1552640000	A.7	AI0211 1.5 SO	1992240000	A.79	AMG EP KIT	2500760000	B.121
AEP 2C 1.5 BL	1552610000	A.48	AEP 4C 1.5	1552640000	A.27	AI0211 1.5 SO	1992240000	B.172	AMG FIM-O	2081870000	B.121
AEP 2C 10/16	2490380000	A.12	AEP 4C 1.5 BL	1552650000	A.7	AI0211 1.5 SO DL	2675590000	A.77	AMG FIM-O EX	2082530000	B.121
AEP 2C 10/16	2490380000	A.13	AEP 4C 2.5	1521530000	A.8	AI0211 1.5 SO DL OR	2675640000	A.77	AMG FIM-C	2081890000	B.121
AEP 2C 10/16	2490380000	A.30	AEP 4C 2.5	1521530000	A.28	AI0211 1.5 SO OR	2579570000	B.172	AMG FIM-C EX	2082540000	B.121
AEP 2C 10/16	2490380000	A.31	AEP 4C 2.5	1521530000	A.40	AI0211 1.5 SO-PE	1992250000	A.79	AMG MD	2122930000	B.121
AEP 2C 10/16	2490380000	B.221	AEP 4C 2.5	1521530000	A.41	AI0211 1.5 SO-PE	1992250000	B.173	AMG MD EX	2495040000	B.121
AEP 2C 10/16 BL	2490390000	A.12	AEP 4C 2.5 BK	2486660000	A.36	AI0211 1.5 SO-PE DL	2675600000	A.77	AMG OD	2122910000	B.121
AEP 2C 10/16 BL	2490390000	A.13	AEP 4C 2.5 BL	1521640000	A.8	AI0211 1.5 SO-PE DL OR	2675650000	A.77	AMG OD EX	2495090000	B.121
AEP 2C 2.5	1514400000	A.7	AEP 4C 2.5 BL	1521640000	A.40	AI0211 1.5 SO-PE OR	2579580000	B.173	AMG PD	2122920000	B.121
AEP 2C 2.5	1514400000	A.27	AEP 4C 2.5 BL	1521640000	A.41	AI022 1.5 SI-PE	1992230000	A.79	AMG PD EX	2495070000	B.121
AEP 2C 2.5	1514400000	A.52	AEP 4C 4	2051900000	A.9	AI022 1.5 SI-PE	1992230000	B.173	AMG PP	2123000000	B.121
AEP 2C 2.5	1514400000	A.76	AEP 4C 4	2051900000	A.29	AI022 1.5 SI-PE DL	2675610000	A.77	AMG XMD	2122940000	B.121
AEP 2C 2.5	1514400000	B.220	AEP 4C 4	2051900000	A.43	AI022 1.5 SI-PE DL OR	2675660000	A.77	AMG XMD EX	2495080000	B.121
AEP 2C 2.5 BL	1514420000	A.7	AEP 4C 4 BL	2051910000	A.9	AI022 1.5 SI-PE OR	2579640000	B.173	AP AKZ1.5	0340560000	A.214
AEP 2C 2.5 BL	1514420000	A.52	AEP 4C 4 BL	2051910000	A.43	AI023 1.5 2SI	1992220000	B.173	AP AKZ1.5 BL	0340580000	A.214
AEP 2C 2.5 BL	1514420000	A.76	AEP AP11	1988320000	B.98	AI023 1.5 2SI DL	2675620000	A.77	AP AKZ2.5	06937360000	A.216
AEP 2C 4	2051680000	A.8</									

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
AP WMF 2.5	1142990000	B.191	APG 4 MI	2540580000	A.59	APGTB 1.5 FT 4C/2 DL BL	2675750000	A.77	ATPG 1.5 MI-R	1991880000	A.26
AP WMF 2.5	1142990000	B.194	APG 4 MI	2540580000	A.62	APGTB 1.5 PE 2C/1	2482220000	A.48	ATPG 1.5 MI-R	1991880000	A.27
AP ZDTR 2.5	1745420000	A.168	APG 4 MI BL	2540590000	A.62	APGTB 1.5 PE 2C/1	2482220000	A.79	ATPG 1.5 MI-R	1991880000	A.33
AP ZRV1.5 DB	1698180000	A.182	APG 4 MI GN	2540600000	A.62	APGTB 1.5 PE 2C/1 DL	2675700000	A.77	ATPG 1.5 MI-R	1991880000	A.87
AP ZRV2.5	1906890000	A.183	APG 4 R	2540610000	A.56	APGTB 1.5 PE 3C/1	2482230000	A.49	ATPG 1.5 MI-R	1991880000	B.172
APG 1.5 L	2482250000	A.48	APG 4 R	2540610000	A.57	APGTB 1.5 PE 3C/1	2482230000	A.79	ATPG 1.5 MI-R	1991880000	B.173
APG 1.5 L	2482250000	A.49	APG 4 R	2540610000	A.58	APGTB 1.5 PE 3C/1 DL	2675730000	A.77	ATPG 1.5 MI-R	1991880000	B.261
APG 1.5 L	2482250000	A.50	APG 4 R	2540610000	A.59	APGTB 1.5 PE 4C/2	2482240000	A.50	ATPG 1.5-10 L	1991890000	A.6
APG 1.5 L	2482250000	A.51	APG 4 R	2540610000	A.62	APGTB 1.5 PE 4C/2	2482240000	A.79	ATPG 1.5-10 L	1991890000	A.7
APG 1.5 L	2482250000	A.62	APG 4 R BL	2540620000	A.62	APGTB 1.5 PE 4C/2 DL	2675760000	A.77	ATPG 1.5-10 L	1991890000	A.8
APG 1.5 L BL	2482260000	A.62	APG 4 R GN	2540630000	A.62	APGTB 1.5 PE 4C/2 DL	1548060000	A.54	ATPG 1.5-10 L	1991890000	A.9
APG 1.5 L GN	2482270000	A.62	APG 4/1	2540460000	A.56	APGTB 1.5 PE 4C/2	1548060000	A.79	ATPG 1.5-10 L	1991890000	A.10
APG 1.5 MI	2482280000	A.48	APG 4/1	2540460000	A.57	APGTB 1.5 PE 4C/2 BL	1548070000	A.54	ATPG 1.5-10 L	1991890000	A.11
APG 1.5 MI	2482280000	A.49	APG 4/1	2540460000	A.58	APGTB 1.5 PE 4C/2 DL	2675910000	A.77	ATPG 1.5-10 L	1991890000	A.13
APG 1.5 MI	2482280000	A.50	APG 4/1	2540460000	A.59	APGTB 1.5 PE 4C/2 DL BL	2675920000	A.77	ATPG 1.5-10 L	1991890000	A.14
APG 1.5 MI	2482280000	A.51	APG 4/1	2540460000	A.61	APGTB 1.5 PE 4C/2 DL	1548130000	A.55	ATPG 1.5-10 L	1991890000	A.15
APG 1.5 MI	2482280000	A.62	APG 4/10	2540550000	A.56	APGTB 1.5 PE 4C/2 DL	2675930000	A.77	ATPG 1.5-10 L	1991890000	A.16
APG 1.5 MI BL	2482290000	A.62	APG 4/10	2540550000	A.57	APGTB 1.5 PE 4C/2	1548160000	A.55	ATPG 1.5-10 L	1991890000	A.17
APG 1.5 MI GN	2482300000	A.62	APG 4/10	2540550000	A.58	APGTB 1.5 PE 4C/2	1548160000	A.79	ATPG 1.5-10 L	1991890000	A.18
APG 1.5 R	2482310000	A.48	APG 4/10	2540550000	A.59	APGTB 1.5 PE 4C/2 DL	2675940000	A.77	ATPG 1.5-10 L	1991890000	A.19
APG 1.5 R	2482310000	A.49	APG 4/10	2540550000	A.61	APGTB 1.5 PE 4C/2 DL	1548140000	A.55	ATPG 1.5-10 L	1991890000	A.20
APG 1.5 R	2482310000	A.50	APG 4/2	2540470000	A.61	APGTB 1.5 PE 4C/2 BL	1548150000	A.55	ATPG 1.5-10 L	1991890000	A.21
APG 1.5 R	2482310000	A.51	APG 4/3	2540480000	A.61	APGTB 1.5 PE 4C/2 DL	2675950000	A.77	ATPG 1.5-10 L	1991890000	A.22
APG 1.5 R	2482310000	A.62	APG 4/3-BG-BL-GN	2540450000	A.61	APGTB 1.5 FT 2C/1	1513970000	A.52	ATPG 1.5-10 L	1991890000	A.23
APG 1.5 R BL	2482320000	A.62	APG 4/4	2540490000	A.61	APGTB 1.5 FT 2C/1	1513970000	A.79	ATPG 1.5-10 L	1991890000	A.24
APG 1.5 R GN	2482330000	A.62	APG 4/4-3BG-GN	2540440000	A.61	APGTB 1.5 FT 2C/1 BL	1513990000	A.52	ATPG 1.5-10 L	1991890000	A.26
APG 1.5/1	2482340000	A.48	APG 4/5	2540500000	A.61	APGTB 1.5 FT 2C/1 DL	2675820000	A.77	ATPG 1.5-10 L	1991890000	A.27
APG 1.5/1	2482340000	A.49	APG 4/5-3BG-BL-GN	2540430000	A.61	APGTB 1.5 FT 2C/1 DL BL	2675830000	A.77	ATPG 1.5-10 L	1991890000	A.28
APG 1.5/1	2482340000	A.50	APG 4/6	2540510000	A.61	APGTB 1.5 FT 3C/1	1514000000	A.53	ATPG 1.5-10 L	1991890000	A.29
APG 1.5/1	2482340000	A.51	APG 4/7	2540520000	A.61	APGTB 1.5 FT 3C/1	1514000000	A.79	ATPG 1.5-10 L	1991890000	A.30
APG 1.5/1	2482340000	A.60	APG 4/8	2540530000	A.61	APGTB 1.5 FT 3C/1 BL	1514020000	A.53	ATPG 1.5-10 L	1991890000	A.32
APG 1.5/10	2482430000	A.48	APG 4/9	2540540000	A.61	APGTB 1.5 FT 3C/1 DL	2675850000	A.77	ATPG 1.5-10 L	1991890000	A.33
APG 1.5/10	2482430000	A.49	APG%	1514490000	A.60	APGTB 1.5 FT 3C/1 DL BL	2675860000	A.77	ATPG 1.5-10 L	1991890000	A.34
APG 1.5/10	2482430000	A.50	APG%	1514490000	A.61	APGTB 1.5 FT 4C/2	1514030000	A.53	ATPG 1.5-10 L	1991890000	A.35
APG 1.5/10	2482430000	A.51	APG%	1514490000	A.63	APGTB 1.5 FT 4C/2	1514030000	A.79	ATPG 1.5-10 L	1991890000	A.40
APG 1.5/10	2482430000	A.60	APG%	1514490000	A.294	APGTB 1.5 FT 4C/2 BL	1514040000	A.53	ATPG 1.5-10 L	1991890000	A.41
APG 1.5/2	2482350000	A.60	APG%	1514490000	A.295	APGTB 1.5 FT 4C/2 DL	2675880000	A.77	ATPG 1.5-10 L	1991890000	A.42
APG 1.5/3	2482360000	A.60	APG%	1514490000	A.298	APGTB 1.5 FT 4C/2 DL BL	2675890000	A.77	ATPG 1.5-10 L	1991890000	A.43
APG 1.5/3-BG-BL-GN	2482460000	A.60	APGLE 1.5	2482720000	A.60	APGTB 1.5 PE 2C/1	1513870000	A.52	ATPG 1.5-10 L	1991890000	A.46
APG 1.5/4	2482370000	A.60	APGLE 1.5	2482720000	A.63	APGTB 1.5 PE 2C/1	1513870000	A.79	ATPG 1.5-10 L	1991890000	A.76
APG 1.5/4-3BG-GN	2482450000	A.60	APGLE 2.5/4	2457570000	A.60	APGTB 1.5 PE 2C/1 DL	2675840000	A.77	ATPG 1.5-10 L	1991890000	A.87
APG 1.5/5	2482380000	A.60	APGLE 2.5/4	2457570000	A.61	APGTB 1.5 PE 3C/1	1513890000	A.53	ATPG 1.5-10 L	1991890000	B.8
APG 1.5/5-3BG-BL-GN	2482440000	A.60	APGLE 2.5/4	2457570000	A.63	APGTB 1.5 PE 3C/1	1513890000	A.79	ATPG 1.5-10 L	1991890000	B.9
APG 1.5/6	2482390000	A.60	APGLE 2.5/4	2457570000	A.294	APGTB 1.5 PE 3C/1 DL	2675870000	A.77	ATPG 1.5-10 L	1991890000	B.10
APG 1.5/7	2482400000	A.60	APGLE 2.5/4	2457570000	A.295	APGTB 1.5 PE 4C/2	1513920000	A.54	ATPG 1.5-10 L	1991890000	B.11
APG 1.5/8	2482410000	A.60	APGLE 2.5/4	2457570000	A.298	APGTB 1.5 PE 4C/2	1513920000	A.79	ATPG 1.5-10 L	1991890000	B.12
APG 1.5/9	2482420000	A.60	APGPC 1.5	2457530000	A.60	APGTB 1.5 PE 4C/2 DL	2675900000	A.77	ATPG 1.5-10 L	1991890000	B.16
APG 2.5 L	1513830000	A.52	APGPC 1.5	2482530000	A.63	APGTB 4 2T 4C/2	2540230000	A.58	ATPG 1.5-10 L	1991890000	B.17
APG 2.5 L	1513830000	A.53	APGPC 2.5	1514500000	A.60	APGTB 4 2T 4C/2 BL	2540250000	A.58	ATPG 1.5-10 L	1991890000	B.18
APG 2.5 L	1513830000	A.54	APGPC 2.5	1514500000	A.63	APGTB 4 2T 4C/2 DL	2676050000	A.77	ATPG 1.5-10 L	1991890000	B.19
APG 2.5 L	1513830000	A.55	APGPC 4	2540960000	A.61	APGTB 4 2T 4C/2 DL BL	2676060000	A.77	ATPG 1.5-10 L	1991890000	B.22
APG 2.5 L	1513830000	A.62	APGPC 4	2540960000	A.63	APGTB 4 2T FT-PE 4C/2	2540290000	A.59	ATPG 1.5-10 L	1991890000	B.98
APG 2.5 L BL	1513840000	A.62	APGSR 1.5	2482730000	A.60	APGTB 4 2T FT-PE 4C/2 DL	2676070000	A.77	ATPG 1.5-10 L	1991890000	B.99
APG 2.5 L GN	1513850000	A.62	APGSR 1.5	2482730000	A.62	APGTB 4 2T PE 4C/2	2540300000	A.59	ATPG 1.5-10 L	1991890000	B.100
APG 2.5 MI	1513880000	A.52	APGSR 1.5 - 4P	2482740000	A.60	APGTB 4 2T PE 4C/2 DL	2676080000	A.77	ATPG 1.5-10 L	1991890000	B.101
APG 2.5 MI	1513880000	A.53	APGSR 1.5 - 4P	2482740000	A.62	APGTB 4 2T VL 4C/2	2540260000	A.59	ATPG 1.5-10 L	1991890000	B.104
APG 2.5 MI	1513880000	A.54	APGSR 1.5 - 8P	2482750000	A.60	APGTB 4 2T VL 4C/2 BL	2540270000	A.59	ATPG 1.5-10 L	1991890000	B.105
APG 2.5 MI	1513880000	A.55	APGSR 1.5 - 8P	2482750000	A.62	APGTB 4 2T VL 4C/2 DL	2676090000	A.77	ATPG 1.5-10 L	1991890000	B.106
APG 2.5 MI	1513880000	A.62	APGSR 2.5/4	2457580000	A.60	APGTB 4 FT 2C/1	2540050000	A.56	ATPG 1.5-10 L	1991890000	B.110
APG 2.5 MI BL	1513900000	A.62	APGSR 2.5/4	2457580000	A.61	APGTB 4 FT 2C/1 BL	2540060000	A.56	ATPG 1.5-10 L	1991890000	B.111
APG 2.5 MI GN	1513930000	A.62	APGSR 2.5/4	2457580000	A.62	APGTB 4 FT 2C/1 DL	2675960000	A.77	ATPG 1.5-10 L	1991890000	B.172
APG 2.5 R	1513940000	A.52	APGSR 2.5/4	2457580000	A.294	APGTB 4 FT 2C/1 DL BL	2675970000	A.77	ATPG 1.5-10 L	1991890000	B.173
APG 2.5 R	1513940000	A.53	APGSR 2.5/4	2457580000	A.295	APGTB 4 FT 3C/1	2540070000	A.57	ATPG 1.5-10 L	1991890000	B.220
APG 2.5 R	1513940000	A.54	APGSR 2.5/4	2457580000	A.299	APGTB 4 FT 3C/1 BL	2540080000	A.57	ATPG 1.5-10 L	1991890000	B.221
APG 2.5 R	1513940000	A.55	APGSR 2.5/4 - 4P	2457590000	A.60	APGTB 4 FT 3C/1 DL	2675990000	A.77	ATPG 1.5-10 L	1991890000	B.224
APG 2.5 R	1513940000	A.62	APGSR 2.5/4 - 4P	2457590000	A.61	APGTB 4 FT 3C/1 DL BL	2676000000	A.77	ATPG 1.5-10 L	1991890000	B.225
APG 2.5 R BL	1513950000	A.62	APGSR 2.5/4 - 4P	2457590000	A.62	APGTB 4 FT 4C/2	2540090000	A.57	ATPG 1.5-10 L	1991890000	B.226
APG 2.5 R GN	1513980000	A.62	APGSR 2.5/4 - 4P	2457590000	A.299	APGTB 4 FT 4C/2 BL	2540100000	A.57	ATPG 1.5-10 L	1991890000	B.244
APG 2.5/1	1513720000	A.52	APGSR 2.5/4 - 8P	2457600000	A.60	APGTB 4 FT 4C/2 DL	2676020000	A.77	ATPG 1.5-10 L	1991890000	B.245
APG 2.5/1	1513720000	A.53	APGSR 2.5/4 - 8P	2457600000	A.61	APGTB 4 FT 4C/2 DL BL	2676030000	A.77	ATPG 1.5-10 L	1991890000	B.246
APG 2.5/1	1513720000	A.54	APGSR 2.5/4 - 8P	2457600000	A.62	APGTB 4 PE 2C/1	2540110000	A.56	ATPG 1.5-10 L	1991890000	B.247
APG 2.5/1	1513720000	A.55	APGSR 2.5/4 - 8P	2457600000	A.299	APGTB 4 PE 2C/1 DL	2675980000	A.77	ATPG 1.5-10 L	1991890000	B.248
APG 2.5/1	1513720000	A.60	APGTB 1.5 2T 4C/2	2485840000	A.50	APGTB 4 PE 3C/1	2540170000	A.57	ATPG 1.5-10 L	1991890000	B.249
APG 2.5/10	1513770000	A.52	APGTB 1.5 2T 4C/2	2485840000	A.79	APGTB 4 PE 3C/1 DL	2676010000	A.77	ATPG 1.5-10 L	1991890000	B.250
APG 2.5/10	1513770000	A.53	APGTB 1.5 2T 4C/2 BL	2485850000	A.50	APGTB 4 PE 4C/2	2540180000	A.58	ATPG 1.5-10 L	1991890000	B.251
APG 2.5/10	1513770000	A.54	APGTB 1.5 2T 4C/2 DL	2675770000	A.77	APGTB 4 PE 4C/2 DL	2676040000	A.77	ATPG 1.5-10 L	1991890000	B.252
APG 2.5/10	1513770000	A.55	APGTB 1.5 2T 4C/2 DL BL	2675780000	A.77	APP 1	2488970000	A.79	ATPG 1.5-10 L	1991890000	B.253
APG 2.5/10	1513770000	A.60	APGTB 1.5 2T FT-PE 4C/2	2485860000	A.51	APP 2	2489090000	A.79	ATPG 1.5-10 L	1991890000	B.254
APG 2.5/2	1513640000	A.60	APGTB 1.5 2T FT-PE 4C/2 DL	2675790000	A.77	APP 3	2489100000	A.79	ATPG 1.5-10 L		

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ATPG 2.5/3	2041190000	A.41
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WAP 16*35 WTW 2.5-10	1050100000	A.216
WAP 16*35 WTW 2.5-10	1050100000	A.217
WAP 16*35 WTW 2.5-10	1050100000	A.219
WAP 16*35 WTW 2.5-10	1050100000	A.221
WAP 16*35 WTW 2.5-10	1050100000	A.222
WAP 16*35 WTW 2.5-10	1050100000	A.223
WAP 16*35 WTW 2.5-10	1050100000	A.224
WAP 16*35 WTW 2.5-10	1050100000	A.225
WAP 16*35 WTW 2.5-10	1050100000	A.226
WAP 16*35 WTW 2.5-10	1050100000	A.227
WAP 16*35 WTW 2.5-10	1050100000	A.228
WAP 16*35 WTW 2.5-10	1050100000	A.229
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WAP 16*35 WTW 2.5-10	1050100000	A.263
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WAP 16*35 WTW 2.5-10	1050100000	A.265
WAP 16*35 WTW 2.5-10	1050100000	A.266
WAP 16*35 WTW 2.5-10	1050100000	A.267
WAP 16*35 WTW 2.5-10	1050100000	A.268
WAP 16*35 WTW 2.5-10	1050100000	A.269
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WAP 16*35 WTW 2.5-10	1050100000	A.285
WAP 16*35 WTW 2.5-10	1050100000	A.300
WAP 16*35 WTW 2.5-10	1050100000	A.307
WAP 16*35 WTW 2.5-10	1050100000	B.24
WAP 16*35 WTW 2.5-10	1050100000	B.25
WAP 16*35 WTW 2.5-10	1050100000	B.168
WAP 16*35 WTW 2.5-10	1050100000	B.228
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WAP 16*35 WTW 2.5-10	1050100000	B.230
WAP 16*35 WTW 2.5-10 BL	1050180000	A.215
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WAP 16*35 WTW 2.5-10 BL	1050180000	A.217
WAP 16*35 WTW 2.5-10 BL	1050180000	A.219
WAP 16*35 WTW 2.5-10 BL	1050180000	A.222
WAP 16*35 WTW 2.5-10 BL	1050180000	A.224
WAP 16*35 WTW 2.5-10 BL	1050180000	A.226
WAP 16*35 WTW 2.5-10 BL	1050180000	A.227
WAP 16*35 WTW 2.5-10 BL	1050180000	A.228
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WAP 16*35 WTW 2.5-10 BL	1050180000	A.230
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WAP 2.5-10	1050000000	A.224
WAP 2.5-10	1050000000	A.225
WAP 2.5-10	1050000000	A.246
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WAP 2.5-10	1050000000	B.288
WAP 2.5-10 BL	1050080000	A.215
WAP 2.5-10 BL	1050080000	A.216
WAP 2.5-10 BL	1050080000	A.217
WAP 2.5-10 BL	1050080000	A.219
WAP 2.5-10 BL	1050080000	A.224
WAP 2.5-10 BL	1050080000	A.225
WAP 2.5-10 BL	1050080000	A.300

Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page	Type	Order No.	Page
WEW 35/2	1061200000	A.280	WFF 120	1028500000	A.349	WP4/1AN/1 ZA	1108490000	A.296	WPD 232 2X185/2X185 BK	2502840000	B.42
WEW 35/2	1061200000	A.281	WFF 120 BL	1028580000	A.349	WP4/1AN/1 ZA	1108490000	A.298	WPD 232 2X185/2X185 BL	2502810000	B.42
WEW 35/2	1061200000	A.282	WFF 120 NFF	1049240000	A.350	WP4/1AN/10	1107800000	A.296	WPD 232 2X185/2X185 BN	2502830000	B.42
WEW 35/2	1061200000	A.283	WFF 120/AH	1029500000	A.349	WPD 100 2X25/6X10 BL	1561920000	B.50	WPD 232 2X185/2X185 GN	2502820000	B.42
WEW 35/2	1061200000	A.284	WFF 185	1028600000	A.350	WPD 100 2X25/6X10 GN	1561930000	B.50	WPD 232 2X185/2X185 GY	2502800000	B.42
WEW 35/2	1061200000	A.285	WFF 185 BL	1028680000	A.350	WPD 100 2X25/6X10 GY	1561910000	B.50	WPD 233 2X300/2X300 BK	2502940000	B.44
WEW 35/2	1061200000	A.286	WFF 185 NFF	1049250000	A.351	WPD 101 2X25/2X16 BK	1561100000	B.54	WPD 233 2X300/2X300 BL	2502910000	B.44
WEW 35/2	1061200000	A.287	WFF 185/AH	1029600000	A.350	WPD 101 2X25/2X16 BL	1560670000	B.54	WPD 233 2X300/2X300 BN	2502930000	B.44
WEW 35/2	1061200000	A.290	WFF 300	1028700000	A.351	WPD 101 2X25/2X16 BN	1561120000	B.54	WPD 233 2X300/2X300 GN	2502920000	B.44
WEW 35/2	1061200000	A.294	WFF 300/AH	1029700000	A.351	WPD 101 2X25/2X16 GN	1560650000	B.54	WPD 233 2X300/2X300 GY	2502900000	B.44
WEW 35/2	1061200000	A.295	WFF 35	1028300000	A.348	WPD 101 2X25/2X16 GY	1560730000	B.54	WPD 301 2X25/2X16 3XGY	1561130000	B.54
WEW 35/2	1061200000	A.296	WFF 35 BL	1028380000	A.348	WPD 102 2X35/2X25 BK	1561630000	B.58	WPD 302 2X35/2X25 3XGY	1561740000	B.58
WEW 35/2	1061200000	A.300	WFF 35 NFF	1049220000	A.348	WPD 102 2X35/2X25 BL	1561640000	B.58	WPD 304 3X25/6X16+9X10 3XBK	2725400000	B.65
WEW 35/2	1061200000	A.302	WFF 35/AH	1029300000	A.348	WPD 102 2X35/2X25 BN	1561650000	B.58	WPD 304 3X25/6X16+9X10 3XBL	2518340000	B.65
WEW 35/2	1061200000	A.303	WFF 70	1028400000	A.349	WPD 102 2X35/2X25 GN	1561670000	B.58	WPD 304 3X25/6X16+9X10 3XGY	1562160000	B.65
WEW 35/2	1061200000	A.304	WFF 70 BL	1028480000	A.349	WPD 102 2X35/2X25 GY	1561680000	B.58	WPD 304 3X25/6X16+9X10 3XBN	2725300000	B.65
WEW 35/2	1061200000	A.307	WFF 70 NFF	1049230000	A.349	WPD 103 2X70/2X50 BK	1561830000	B.62	WPD 305 3X35/6X25+9X16 3XBK	2725430000	B.69
WEW 35/2	1061200000	A.308	WFF 70/AH	1029400000	A.349	WPD 103 2X70/2X50 BL	1561780000	B.62	WPD 305 3X35/6X25+9X16 3XBL	2521770000	B.69
WEW 35/2	1061200000	A.309	WFS 4	2561900000	A.258	WPD 103 2X70/2X50 BN	1561820000	B.62	WPD 305 3X35/6X25+9X16 3XGY	1562190000	B.69
WEW 35/2	1061200000	A.310	WFS 4 10-36V	2562070000	A.259	WPD 103 2X70/2X50 GN	1561790000	B.62	WPD 305 3X35/6X25+9X16 3XRD	2725330000	B.69
WEW 35/2	1061200000	A.311	WFS 4 100-250V	2561960000	A.259	WPD 103 2X70/2X50 GY	1561770000	B.62	WPD 330 3X50/3X50 1XBN/1XBK/1XGY	2502650000	B.37
WEW 35/2	1061200000	A.342	WFS 4 30-70V	2561990000	A.259	WPD 104 1X25+1X16/2X16+3X10 BK	2725360000	B.64	WPD 330 3X50/3X50 1XGY/1XBL/1XGN	2502640000	B.37
WEW 35/2	1061200000	A.343	WFS 4 60-150V	2561970000	A.259	WPD 104 1X25+1X16/2X16+3X10 BL	2518250000	B.64	WPD 330 3X50/3X50 3XGY	2502620000	B.37
WEW 35/2	1061200000	A.344	WFS 4 BL	2562000000	A.258	WPD 104 1X25+1X16/2X16+3X10 GY	1562000000	B.64	WPD 401 2X25/2X16 3XGY/1XBL	1562130000	B.55
WEW 35/2	1061200000	A.345	WFS 4 DB	2562050000	A.258	WPD 104 1X25+1X16/2X16+3X10 RD	2725260000	B.64	WPD 401 2X25/2X16 4XGY	1561800000	B.55
WEW 35/2	1061200000	A.346	WHP 2.5-35N/10X3 BL	1050280000	B.286	WPD 105 1X35+1X16/2X25+3X16 BK	2725410000	B.68	WPD 501 2X25/2X16 1XGN/3XGY/1XBL	1562140000	B.55
WEW 35/2	1061200000	A.347	WHP 2.5-35N/10X3 BL	1050280000	B.287	WPD 105 1X35+1X16/2X25+3X16 BL	2518540000	B.68	WPD 501 2X25/2X16 5XGY	1561750000	B.55
WEW 35/2	1061200000	B.24	WHP 2.5-35N/10X3 BL	1050280000	B.288	WPD 105 1X35+1X16/2X25+3X16 GY	1562170000	B.68	WPDPC X30 GY	2503330000	B.36
WEW 35/2	1061200000	B.30	WHP WDL2.5/S BL	1067980000	B.290	WPD 105 1X35+1X16/2X25+3X16 RD	2725310000	B.68	WPDPC X30 GY	2503330000	B.37
WEW 35/2	1061200000	B.50	WHP WDL2.5/S BL	1067980000	B.291	WPD 106 1X70/2X25+3X16 BK	2725440000	B.72	WPDPC X31 GY	2503370000	B.40
WEW 35/2	1061200000	B.52	WHP WDL2.5/S BL	1067980000	B.292	WPD 106 1X70/2X25+3X16 BL	2518570000	B.72	WPDPC X32 GY	2503380000	B.42
WEW 35/2	1061200000	B.54	WHP WDL2.5/S BL	1067980000	B.293	WPD 106 1X70/2X25+3X16 GY	1562210000	B.72	WPDPC X33 GY	2503390000	B.44
WEW 35/2	1061200000	B.55	WKB 1/10	1604330000	B.159	WPD 106 1X70/2X25+3X16 RD	2725340000	B.72	WPE 1.5/R3.5	1798460000	A.246
WEW 35/2	1061200000	B.58	WKB 1/2	1604280000	B.159	WPD 107 1X95/2X35+8X25 BK	2725450000	B.74	WPE 1.5/ZZ	1016500000	A.246
WEW 35/2	1061200000	B.60	WKB 1/3	1604300000	B.159	WPD 107 1X95/2X35+8X25 BL	2521730000	B.74	WPE 10	1010300000	A.251
WEW 35/2	1061200000	B.62	WKB 1/4	1604320000	B.152	WPD 107 1X95/2X35+8X25 GY	1562220000	B.74	WPE 10/ZR	1042500000	A.251
WEW 35/2	1061200000	B.64	WKB 1/4	1604320000	B.159	WPD 107 1X95/2X35+8X25 RD	2725350000	B.74	WPE 120/150	1019700000	A.255
WEW 35/2	1061200000	B.65	WKS 1/2	1604270000	B.159	WPD 108 1X120/2X35+3X25+4X16 BK	2725380000	B.76	WPE 120/150	1019700000	B.33
WEW 35/2	1061200000	B.68	WKS 1/3	1604290000	B.159	WPD 108 1X120/2X35+3X25+4X16 BL	2519480000	B.76	WPE 16	1010400000	A.251
WEW 35/2	1061200000	B.69	WKS 1/4	1604310000	B.159	WPD 108 1X120/2X35+3X25+4X16 GY	1562100000	B.76	WPE 16N	1019100000	A.252
WEW 35/2	1061200000	B.72	WKS 2/2	1936140000	B.154	WPD 108 1X120/2X35+3X25+4X16 RD	2725280000	B.76	WPE 2.5	1010000000	A.247
WEW 35/2	1061200000	B.74	WKS 2/2	1936140000	B.155	WPD 109 1X185/2X35+3X25+4X16 BK	2725370000	B.78	WPE 2.5 WS	1010010000	B.219
WEW 35/2	1061200000	B.76	WKS 2/2	1936140000	B.156	WPD 109 1X185/2X35+3X25+4X16 BL	2519490000	B.78	WPE 2.5 WS	1010010000	B.223
WEW 35/2	1061200000	B.78	WKS 2/2	1936140000	B.157	WPD 109 1X185/2X35+3X25+4X16 GY	1562090000	B.78	WPE 2.5/1.5/ZR	1016400000	A.247
WEW 35/2	1061200000	B.80	WKS 2/2	1936140000	B.159	WPD 109 1X185/2X35+3X25+4X16 RD	2725270000	B.78	WPE 2.5N	1016200000	A.248
WEW 35/2	1061200000	B.82	WKS 2/3	1936150000	B.155	WPD 110 1X70+1X35/6X16 BL	2603820000	B.52	WPE 35	1010500000	A.252
WEW 35/2	1061200000	B.92	WKS 2/3	1936150000	B.156	WPD 110 1X70+1X35/6X16 GN	2603830000	B.52	WPE 35	1010500000	B.30
WEW 35/2	1061200000	B.148	WKS 2/3	1936150000	B.157	WPD 110 1X70+1X35/6X16 GY	2603810000	B.52	WPE 35/KSC	1012600000	A.253
WEW 35/2	1061200000	B.150	WKS 2/3	1936150000	B.159	WPD 111 1X95/4X35 BK	2730320000	B.80	WPE 35/KSC	1012600000	B.31
WEW 35/2	1061200000	B.154	WKS 2/3	1936150000	B.160	WPD 111 1X95/4X35 BL	2603800000	B.80	WPE 35N	1717740000	A.253
WEW 35/2	1061200000	B.155	WKS 2/3	1936150000	B.162	WPD 111 1X95/4X35 GY	2603790000	B.80	WPE 35N	1717740000	B.30
WEW 35/2	1061200000	B.156	WKS 2/4	1936160000	B.155	WPD 111 1X95/4X35 RD	2730310000	B.80	WPE 4	1010100000	A.249
WEW 35/2	1061200000	B.157	WKS 2/4	1936160000	B.156	WPD 113 1X185+1X150/8X35 BK	2730360000	B.82	WPE 4/ZR	1905120000	A.249
WEW 35/2	1061200000	B.160	WKS 2/4	1936160000	B.157	WPD 113 1X185+1X150/8X35 BL	2603750000	B.82	WPE 4/ZZ	1905130000	A.249
WEW 35/2	1061200000	B.161	WMF 2.5	1143070000	B.186	WPD 113 1X185+1X150/8X35 GY	2603740000	B.82	WPE 4N	1042700000	A.250
WEW 35/2	1061200000	B.162	WMF 2.5 BL	1270040000	B.186	WPD 113 1X185+1X150/8X35 RD	2730350000	B.82	WPE 50N	1846040000	A.253
WEW 35/2	1061200000	B.163	WMF 2.5 BLZ	1143050000	B.189	WPD 130 1X50/1X50 BL	2502570000	B.36	WPE 50N	1846040000	B.31
WEW 35/2	1061200000	B.166	WMF 2.5 DI	1143020000	B.186	WPD 130 1X50/1X50 BL	2502540000	B.36	WPE 6	1010200000	A.250
WEW 35/2	1061200000	B.186	WMF 2.5 DI BLZ	1270070000	B.186	WPD 130 1X50/1X50 BN	2502560000	B.36	WPD 70/95	1037300000	A.255
WEW 35/2	1061200000	B.188	WMF 2.5 DI BLZ	1143000000	B.189	WPD 130 1X50/1X50 GN	2502550000	B.36	WPD 70/95	1037300000	B.32
WEW 35/2	1061200000	B.189	WMF 2.5 DI BLZ PE	1143010000	B.190	WPD 130 1X50/1X50 GY	2502530000	B.36	WPE 70N/35	9512200000	A.254
WEW 35/2	1061200000	B.223	WMF 2.5 DI PE	1143030000	B.187	WPD 131 1X95/1X95 BK	2502690000	B.40	WPE 70N/35	9512200000	B.31
WEW 35/2	1061200000	B.228	WMF 2.5 DI PE BL	1270080000	B.187	WPD 131 1X95/1X95 BL	2502660000	B.40	WPE 95N/120N	1846030000	A.254
WEW 35/2	1061200000	B.229	WMF 2.5 FU 10-36V SW	1162930000	B.188	WPD 131 1X95/1X95 BN	2502680000	B.40	WPE 95N/120N	1846030000	B.32
WEW 35/2	1061200000	B.230	WMF 2.5 FU 100-250V SW	1162960000	B.188	WPD 131 1X95/1X95 GN	2502670000	B.40	WPD 4	1036000000	A.306
WEW 35/2	1061200000	B.286	WMF 2.5 FU 30-70V SW	1162940000	B.188	WPD 131 1X95/1X95 GY	2503090000	B.40	WOB 240/2	1802790000	A.232
WEW 35/2	1061200000	B.287	WMF 2.5 FU 60-150V SW	1162950000	B.188	WPD 132 1X185/1X185 BK	2502790000	B.42	WOB 240/2	1802790000	B.29
WEW 35/2	1061200000	B.288	WMF 2.5 FU BLZ 10-36V SW	1162990000	B.191	WPD 132 1X185/1X185 BL	2502760000	B.42	WOB 240/3	1802800000	A.232
WEW 35/2	1061200000	B.290	WMF 2.5 FU BLZ 100-250V SW	1163020000	B.191	WPD 132 1X185/1X185 BN	2502780000	B.42	WOB 240/3	1802800000	B.29
WEW 35/2	1061200000	B.291	WMF 2.5 FU BLZ 30-70V SW	1163000000	B.191	WPD 132 1X185/1X185 GN	2502770000	B.42	WOB PEN 16N	1079600000	A.333
WEW 35/2	1061200000	B.292	WMF 2.5 FU BLZ 60-150V SW	1163010000	B.191	WPD 132 1X185/1X185 GY	2502750000	B.42	WOB PEN 35N	1079500000	A.333
WEW 35/2	1061200000	B.293	WMF 2.5 FU BLZ PE 10-36V SW	1162830000	B.191	WPD 133 1X300/1X300 BK	2502890000	B.44	WOB PEN 70N	1079700000	A.333
WEW 35/2	1061200000	C.13	WMF 2.5 FU BLZ PE 100-250V SW	1162860000	B.191	WPD 133 1X300/1X300 BL	2502860000	B.44	WOB WPD X04/2	1561980000	B.64
WEW 35/2	1061200000	C.21									

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WQL 2 WF8	1780990000	A.346
WQL 2 WF8	1780990000	A.354
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WQL 2 WFF120	1065100000	A.350
WQL 2 WFF120	1065100000	A.354
WQL 2 WFF185	1065200000	A.350
WQL 2 WFF185	1065200000	A.351
WQL 2 WFF185	1065200000	A.354
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WQL 2 WFF35	1064900000	A.348
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WQL 4 WF10	1027840000	A.345
WQL 4 WF10	1027840000	A.354
WQL 4 WF8-6/3	1904960000	A.353
WQS 2/16/5	1925070000	B.164
WQS 2/16/5	1925070000	B.165
WQV 10/10	1052460000	A.224
WQV 10/10	1052460000	A.225
WQV 10/10	1052460000	A.241
WQV 10/10	1052460000	A.242
WQV 10/10	1052460000	A.243
WQV 10/10	1052460000	A.244
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ZAP/TW 4/3AN	7904100000	A.136	ZAP/TW7	1706110000	A.194	ZDLD 2.5-2N/PE/L/N	1131760000	A.121	ZDUB 2.5-2/2AN/DM BL	1704360000	A.95
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ZAP/TW 5	1608830000	A.105	ZAP/TW7 BL	1706120000	A.110	ZDLD 2.5-2VN BL	1782330000	A.120	ZDUB 2.5-2/2AN/DM OR	1704370000	A.95
ZAP/TW 5	1608830000	A.137	ZAP/TW7 BL	1706120000	A.111	ZDT 2.5/2	1815150000	A.178	ZDUB 2.5-2/2AN/RC	1712820000	A.94
ZAP/TW 5 BL	1608840000	A.105	ZAP/Z_16-2/1AN	1772970000	A.113	ZDT 2.5/2 BL	1348970000	A.178	ZDUB 2.5-2/2AN/RC BL	1712830000	A.94
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ZAP/TW ZDK 2.5/3AN	1924910000	A.148	ZB 16 ZKSC	0316600000	B.271	ZDT 2.5/2 V	1084770000	A.178	ZDUB 2.5-2/4AN/15 OR	1712800000	A.96
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ZAP/TW ZDK1.5	1791160000	A.117	ZB 16 ZKSC	0316600000	B.273	ZDTR 2.5 BL	1798330000	A.168	ZDUB 2.5-2/4AN/DB BL	1704700000	A.95
ZAP/TW ZDK1.5	1791160000	A.146	ZB 16 ZKSC	0316600000	B.286	ZDU 1.5	1775480000	A.100	ZDUB 2.5-2/4AN/DB GE	1704720000	A.95
ZAP/TW ZDK1.5 BL	1791170000	A.116	ZB 16 ZKSC	0316600000	B.287	ZDU 1.5 BL	1775490000	A.100	ZDUB 2.5-2/4AN/DM	1704540000	A.95
ZAP/TW ZDK1.5 BL	1791170000	A.117	ZB 16 ZKSC	0316600000	B.288	ZDU 1.5/2X2AN	1826970000	A.101	ZDUB 2.5-2/4AN/DM BL	1704550000	A.95
ZAP/TW ZDK2.5	1674730000	A.118	ZB 16 ZKSC	0316600000	B.292	ZDU 1.5/3AN	1775530000	A.100	ZDUB 2.5-2/4AN/DM GE	1704570000	A.95
ZAP/TW ZDK2.5	1674730000	A.119	ZB 16 ZKSC	0316600000	B.293	ZDU 1.5/3AN BL	1775540000	A.100	ZDUB 2.5-2/4AN/DM OR	1704560000	A.95
ZAP/TW ZDK2.5	1674730000	A.146	ZB 16K BL	0502880000	B.264	ZDU 1.5/4AN	1775580000	A.101	ZDUB 2.5-2/4AN/RC	1712970000	A.94
ZAP/TW ZDK2.5	1674730000	A.195	ZB 16K BL	0502880000	B.265	ZDU 1.5/4AN BL	1775600000	A.101	ZDUB 2.5-2/4AN/RC BL	1712980000	A.94
ZAP/TW ZDK2.5	1674730000	A.196	ZB 16K BL	0502880000	B.282	ZDU 10	1746750000	A.106	ZDUB 2.5-2/4AN/RC GE	1713000000	A.94
ZAP/TW ZDK2.5	1674730000	A.197	ZB 16K BL	0502880000	B.283	ZDU 10 BL	1746760000	A.106	ZEI 16	1745350000	A.107
ZAP/TW ZDK2.5	1674730000	A.198	ZB 16K BL	0502880000	B.284	ZDU 10/3AN	1767690000	A.106	ZEI 16 BL	1766240000	A.107
ZAP/TW ZDK2.5 BL	1748800000	A.118	ZB 16K BL	0502880000	B.285	ZDU 10/3AN BL	1767700000	A.106	ZEI 16-2/1AN	1772940000	A.113
ZAP/TW ZDK2.5 BL	1748800000	A.119	ZB 35/M6X16	0266500000	B.264	ZDU 10/NT	1762420000	B.285	ZEI 16-2/1AN BL	1772950000	A.113
ZAP/TW ZDK2.5 BL	1748800000	A.195	ZB 35/M6X16	0266500000	B.265	ZDU 10S	1739540000	B.279	ZEI 6	1791190000	A.101
ZAP/TW ZDK2.5-2	1791050000	A.124	ZB 35/M6X16	0266500000	B.270	ZDU 10S BL	1739550000	B.279	ZEW 15	7920340000	A.96
ZAP/TW ZDK2.5-2	1791050000	A.147	ZB 35/M6X16	0266500000	B.271	ZDU 16	1745230000	A.107	ZEW 15	7920340000	A.97
ZAP/TW ZDK2.5-2 BL	1791060000	A.124	ZB 35/M6X16	0266500000	B.272	ZDU 16 BL	1745240000	A.107	ZEW 15	7920340000	A.132
ZAP/TW ZDK2.5-2/4AN	1394050000	A.125	ZB 35/M6X16	0266500000	B.273	ZDU 16/3AN	1768320000	A.107	ZEW 15	7920340000	A.133
ZAP/TW ZDK4-2	8670760000	A.127	ZB 35/M6X16	0266500000	B.283	ZDU 16/3AN BL	1768330000	A.107	ZEW 15	7920340000	C.21
ZAP/TW ZDK4-2	8670760000	A.128	ZB 35/M6X16	0266500000	B.286	ZDU 16S	1739580000	B.279	ZEW 35	9540000000	A.100
ZAP/TW ZDK4-2	8670760000	A.147	ZB 35/M6X16	0266500000	B.287	ZDU 16S BL	1739590000	B.279	ZEW 35	9540000000	A.101
ZAP/TW ZDK4-2	8670760000	A.198	ZB 35/M6X16	0266500000	B.288	ZDU 2.5	1608510000	A.102	ZEW 35	9540000000	A.102
ZAP/TW ZDK4-2	8670760000	A.199	ZB 35/M6X16	0266500000	B.292	ZDU 2.5 BL	1608520000	A.102	ZEW 35	9540000000	A.103
ZAP/TW ZDKPE2.5-2	1805960000	A.126	ZB 35/M6X16	0266500000	B.293	ZDU 2.5 S	1808010000	B.278	ZEW 35	9540000000	A.104
ZAP/TW ZDL02.5-2N	1782340000	A.120	ZB 35K BL M6X16	0502680000	B.282	ZDU 2.5 S BL	1808020000	B.278	ZEW 35	9540000000	A.105
ZAP/TW ZDL02.5-2N	1782340000	A.121	ZB 35K BL M6X16	0502680000	B.283	ZDU 2.5-2	1772060000	A.110	ZEW 35	9540000000	A.106
ZAP/TW ZDL02.5-2N BL	1782350000	A.120	ZB 35K BL M6X16	0502680000	B.284	ZDU 2.5-2 BL	1772070000	A.110	ZEW 35	9540000000	A.107
ZAP/TW ZDL02.5-2N BL	1782350000	A.121	ZB 35K BL M6X16	0502680000	B.285	ZDU 2.5-2 O EL	1868870000	A.194	ZEW 35	9540000000	A.108
ZAP/TW ZDT2.5-2	1816110000	A.178	ZB 4	0316500000	B.286	ZDU 2.5-2/3AN	1706010000	A.110	ZEW 35	9540000000	A.110
ZAP/TW ZDT2.5-2	1816110000	A.179	ZB 4	0316500000	B.287	ZDU 2.5-2/3AN BL	1706040000	A.110	ZEW 35	9540000000	A.111
ZAP/TW ZDT2.5-2	1816110000	A.180	ZB 4	0316500000	B.288	ZDU 2.5-2/4AN	1706060000	A.111	ZEW 35	9540000000	A.112
ZAP/TW ZDU/ZPE 2.5N	1933790000	A.114	ZB 4	0316500000	B.292	ZDU 2.5-2/4AN BL	1706070000	A.111	ZEW 35	9540000000	A.113
ZAP/TW ZDU/ZPE 2.5N	1933790000	A.144	ZB 4	0316500000	B.293	ZDU 2.5-2/+	1779110000	A.194	ZEW 35	9540000000	A.114
ZAP/TW ZDU/ZPE 2.5N/3AN	1933800000	A.114	ZB 4K BL	0475380000	B.282	ZDU 2.5-2/D	1779000000	A.195	ZEW 35	9540000000	A.115
ZAP/TW ZDU/ZPE 2.5N/3AN	1933800000	A.144	ZB 4K BL	0475380000	B.283	ZDU 2.5/2X2AN	1608600000	A.103	ZEW 35	9540000000	A.116
ZAP/TW ZDU/ZPE 2.5N/4AN	1933810000	A.115	ZB 4K BL	0475380000	B.284	ZDU 2.5/2X2AN BL	1608610000	A.103	ZEW 35	9540000000	A.117
ZAP/TW ZDU/ZPE 2.5N/4AN	1933810000	A.145	ZB 4K BL	0475380000	B.285	ZDU 2.5/2X2AN/D+	1650340000	A.193	ZEW 35	9540000000	A.118
ZAP/TW ZDU1.5/2AN	1776030000	A.100	ZBB ZDUB	1704740000	A.95	ZDU 2.5/2X2AN/D-	1650350000	A.193	ZEW 35	9540000000	A.119
ZAP/TW ZDU1.5/2AN	1776030000	A.133	ZBS1 F.D SET	1764550000	A.209	ZDU 2.5/2X2AN/LD+	1692590000	A.192	ZEW 35	9540000000	A.120
ZAP/TW ZDU1.5/2AN BL	1776040000	A.100	ZDK 1.5	1791100000	A.116	ZDU 2.5/2X2AN/LD-	1692600000	A.192	ZEW 35	9540000000	A.121
ZAP/TW ZDU1.5/3AN	1776060000	A.100	ZDK 1.5 BL	1791110000	A.116	ZDU 2.5/3AN	1608540000	A.102	ZEW 35	9540000000	A.123
ZAP/TW ZDU1.5/3AN	1776060000	A.133	ZDK 1.5DU-PE	1791120000	A.117	ZDU 2.5/3AN BL	1608550000	A.102	ZEW 35	9540000000	A.124
ZAP/TW ZDU1.5/3AN BL	1776070000	A.100	ZDK 1.5PE	1791150000	A.146	ZDU 2.5/4AN	1608570000	A.103	ZEW 35	9540000000	A.125
ZAP/TW ZDU1.5/4AN	1776090000	A.101	ZDK 1.5V	1791130000	A.116	ZDU 2.5/4AN BL	1608580000	A.103	ZEW 35	9540000000	A.126
ZAP/TW ZDU1.5/4AN	1776090000	A.134	ZDK 1.5V BL	1791140000	A.116	ZDU 2.5N	1933700000	A.114	ZEW 35	9540000000	A.127
ZAP/TW ZDU1.5/4AN BL	1776100000	A.101	ZDK 2.5	1674300000	A.118	ZDU 2.5N BL	1933710000	A.114	ZEW 35	9540000000	A.128
ZAP/TW ZDU10	1748660000	A.106	ZDK 2.5 BL	1678630000	A.118	ZDU 2.5N/3AN	1933720000	A.114	ZEW 35	9540000000	A.129
ZAP/TW ZDU10	1748660000	A.138	ZDK 2.5 EM	1768800000	A.195	ZDU 2.5N/3AN BL	1933730000	A.114	ZEW 35	9540000000	A.130
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ZDV 35N/2	2634950000	B.11	ZDV 4N/2	1527930000	A.84	ZDV 6/24 GE	1908990000	A.205	ZRH 1.5H/1	1678810000	A.145
ZDV 35N/2	2634950000	B.12	ZDV 4N/2	1527930000	A.219	ZDV 6/24 GE	1908990000	B.274	ZRH 1.5H/1	1678810000	A.146
ZDV 35N/2	2634950000	B.224	ZDV 4N/2	1527930000	A.220	ZDV 6/24 GE	1908990000	B.275	ZRH 1.5H/1	1678810000	A.147
ZDV 4/10 GE	1609030000	A.104	ZDV 4N/2	1527930000	A.221	ZDV 6/24 GE	1908990000	B.279	ZRH 1.5H/1	1678810000	A.148
ZDV 4/10 GE	1609030000	A.105	ZDV 4N/2	1527930000	A.240	ZDV 6/24 GE	1908990000	B.283	ZRH 1.5H/1	1678810000	A.209
ZDV 4/10 GE	1609030000	A.111	ZDV 4N/2	1527930000	A.241	ZDV 6/3 GE	1627860000	A.205	ZRH 1.5H/1	1678810000	B.91
ZDV 4/10 GE	1609030000	A.112	ZDV 4N/2	1527930000	A.274	ZDV 6/3 GE	1627860000	B.147	ZRH 1.5H/2	1678800000	A.110
ZDV 4/10 GE	1609030000	A.127	ZDV 4N/2	1527930000	A.282	ZDV 6/3 GE	1627860000	B.274	ZRH 1.5H/2	1678800000	A.111
ZDV 4/10 GE	1609030000	A.128	ZDV 4N/2	1527930000	A.283	ZDV 6/3 GE	1627860000	B.275	ZRH 1.5H/2	1678800000	A.114
ZDV 4/10 GE	1609030000	A.198	ZDV 4N/2	1527930000	A.284	ZDV 6/3 GE	1627860000	B.279	ZRH 1.5H/2	1678800000	A.115
ZDV 4/10 GE	1609030000	A.199	ZDV 4N/2	1527930000	A.285	ZDV 6/3 GE	1627860000	B.283	ZRH 1.5H/2	1678800000	A.118
ZDV 4/10 GE	1609030000	A.204	ZDV 4N/2	1527930000	A.296	ZDV 6/32 GE	1733640000	B.146	ZRH 1.5H/2	1678800000	A.119
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ZDV 4/2 GE	1608950000	A.104	ZDV 4N/2	1527930000	B.254	ZDV 6/4 GE	1627870000	A.105	ZRH 1.5H/2	1678800000	A.123
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ZDV 4/2 GE	1608950000	A.156	ZDV 4N/2 BL	1528040000	B.112	ZDV 6/4 GE	1627870000	A.162	ZRH 1.5H/2	1678800000	A.140
ZDV 4/2 GE	1608950000	A.158	ZDV 4N/2 BL	1528040000	B.114	ZDV 6/4 GE	1627870000	A.167	ZRH 1.5H/2	1678800000	A.141
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ZDV 4/2 GE	1608950000	A.174	ZDV 4N/2 RD	2460450000	A.84	ZDV 6/4 GE	1627870000	B.274	ZRH 1.5H/2	1678800000	A.146
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ZDV 4/2 GE	1608950000	A.199	ZDV 4N/2 RD	2460450000	B.110	ZDV 6/4 GE	1627870000	B.279	ZRH 1.5H/2	1678800000	A.148
ZDV 4/2 GE	1608950000	A.204	ZDV 4N/2 RD	2460450000	B.111	ZDV 6/4 GE	1627870000	B.283	ZRH 1.5H/2	1678800000	A.209
ZDV 4/2 GE	1608950000	B.278	ZDV 4N/2 RD	2460450000	B.112	ZDV 6N/10	2733970000	A.85	ZRH 1.5H/2	1678800000	B.91
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ZDV 4/20 GE	1909010000	B.278	ZDV 4N/3	1527940000	A.84	ZDV 6N/10	2733970000	B.132	ZRH 1.5N/1	1632140000	B.175
ZDV 4/20 GE	1909010000	B.282	ZDV 4N/3	1527940000	A.320	ZDV 6N/10	2733970000	B.133	ZRH 1.5N/2	1632130000	A.209
ZDV 4/3 GE	1608960000	A.204	ZDV 4N/3	1527940000	B.254	ZDV 6N/10	2733970000	B.134	ZRH 1.5N/2	1632130000	B.174
ZDV 4/3 GE	1608960000	B.278	ZDV 4N/3	1527940000	B.255	ZDV 6N/10	2733970000	B.135	ZRH 1.5N/2	1632130000	B.175
ZDV 4/3 GE	1608960000	B.282	ZDV 4N/3 BL	1528080000	A.84	ZDV 6N/10	2733970000	B.137	ZRH 1.5S/1	1781950000	A.100
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ZDV 4/4 GE	1608970000	B.282	ZDV 4N/3 RD	2460810000	A.84	ZDV 6N/2	1985740000	A.85	ZRH 1.5S/1	1781950000	A.117
ZDV 4/5 GE	1608980000	A.204	ZDV 4N/4	1527970000	A.84	ZDV 6N/2	1985740000	B.244	ZRH 1.5S/1	1781950000	A.133
ZDV 4/6 GE	1608990000	A.204	ZDV 4N/4	1527970000	A.320	ZDV 6N/2	1906210000	B.264	ZRH 1.5S/1	1781950000	A.134
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0164400000	SS M3 D 128-A.3	A.265
0164400000	SS M3 D 128-A.3	A.266
0164400000	SS M3 D 128-A.3	A.268
0169300000	TS 32X15 2M/AL/BK	C.18
0169900000	STB 14/D6/4/M3 SAK10	B.150
0169900000	STB 14/D6/4/M3 SAK10	B.158

0170000000

0178100000	TSTW 5/M5	C.22
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0180000000

0180400000	PS 2.3 RT	A.106
0180400000	PS 2.3 RT	A.107
0180400000	PS 2.3 RT	A.166
0180400000	PS 2.3 RT	A.167
0180400000	PS 2.3 RT	A.168
0180400000	PS 2.3 RT	A.181
0180400000	PS 2.3 RT	A.207
0180400000	PS 2.3 RT	A.214
0180400000	PS 2.3 RT	A.216
0180400000	PS 2.3 RT	A.218
0180400000	PS 2.3 RT	A.280
0180400000	PS 2.3 RT	A.281
0180400000	PS 2.3 RT	A.282
0180400000	PS 2.3 RT	A.283
0180400000	PS 2.3 RT	A.284
0180400000	PS 2.3 RT	A.292
0180400000	PS 2.3 RT	A.293
0180400000	PS 2.3 RT	B.148

0190000000

0192700000	G 25/2.00A/F BL	A.152
0192700000	G 25/2.00A/F BL	A.156
0192700000	G 25/2.00A/F BL	A.161
0192700000	G 25/2.00A/F BL	A.165
0192700000	G 25/2.00A/F BL	A.278
0192800000	G 25/4.00A/F BR	A.152
0192800000	G 25/4.00A/F BR	A.156
0192800000	G 25/4.00A/F BR	A.161
0192800000	G 25/4.00A/F BR	A.165
0192800000	G 25/4.00A/F BR	A.278
0192900000	G 25/6.30A/F GN	A.165
0192900000	G 25/6.30A/F GN	A.278
0193100000	G 25/10.0A/M RT	A.165
0193100000	G 25/10.0A/M RT	A.278
0194300000	QL 2 SAK6N	A.263
0194300000	QL 2 SAK6N	A.264
0194300000	QL 2 SAK6N	A.267
0194300000	QL 2 SAK6N	B.159
0194400000	QL 3 SAK6N	B.159
0194500000	QL 4 SAK6N	B.159
0199360000	EWK 2	C.21

0200000000

0206160000	EWK 1	B.146
0206160000	EWK 1	B.154
0206160000	EWK 1	C.21
0207800000	QL 2 SAKS2	A.271
0207800000	QL 2 SAKS2	A.272

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0208600000	E 16/16A GR TNDZ	A.271
0208600000	E 16/16A GR TNDZ	A.278
0208700000	E 16/20A BL TNDZ	A.271
0208700000	E 16/20A BL TNDZ	A.278
0208800000	E 16/25A GE TNDZ	A.271
0208800000	E 16/25A GE TNDZ	A.278

0210000000

0215700000	STB 8.5/D4/2.3/M2.5 AKZ	A.214
0215700000	STB 8.5/D4/2.3/M2.5 AKZ	A.216
0215700000	STB 8.5/D4/2.3/M2.5 AKZ	A.218

0220000000

0221200000	QL 15 SAK6N	B.159
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0230000000

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0236500000	TS 35X15/L 2M/ST/ZN	B.137
0236500000	TS 35X15/L 2M/ST/ZN	B.213
0236500000	TS 35X15/L 2M/ST/ZN	B.214
0236500000	TS 35X15/L 2M/ST/ZN	C.19
0236510000	TS 35X15/L 1M/ST/ZN	C.19

0240000000

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0243520000	MK 3/12	A.312
0243820000	MK 5/2 O.DE	A.314
0244060000	D 2 MKS/2 PA/NA	A.314
0244220000	MK 4/16	A.313
0249000000	VH 12/4.9/3.3 SAK6N	B.152
0249000000	VH 12/4.9/3.3 SAK6N	B.159

0250000000

0259800000	PFB0 10.00X3.00X1000 CUZN35PB BK	C.12
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0260000000

0265800000	G 25/1.00A/M RT	A.152
0265800000	G 25/1.00A/M RT	A.156
0265800000	G 25/1.00A/M RT	A.161
0265800000	G 25/1.00A/M RT	A.165
0265800000	G 25/1.00A/M RT	A.278
0266500000	ZB 35/M6X16	B.264
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0266500000	ZB 35/M6X16	B.288
0266500000	ZB 35/M6X16	B.292
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0267100000	BFSC M4X30	C.12
0267200000	STB 25 IH/GE	B.150

0270000000

0270100000	TS 35X15/2.3 2M/CU/BK	B.22
0270100000	TS 35X15/2.3 2M/CU/BK	C.18
0270100000	TS 35X15/2.3 2M/CU/BK	C.19
0270760000	QS 2/12/4	B.159
0270860000	QS 2/10/4	B.159
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0271200000	STB 25 IH/GN	B.150
0271300000	STB 25 IH/VI	B.150
0273820000	MK 3/2	A.312
0273920000	MK 3/3	A.312
0274020000	MK 3/4	A.312
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0280000000

0280100000	DKSUE NSCH/ESCH	C.12
0280200000	NSCH 1M	C.12
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0280600000	STB 8.5/5/2.3/M3 SAK2.5	B.148
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0298600000	SH 1	C.12

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0309700000	VH 16/5/3.5 SAK10-35	B.154
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0310000000

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0310000000	PS 2.0 MC	A.67
0310000000	PS 2.0 MC	A.68
0310000000	PS 2.0 MC	A.69
0310000000	PS 2.0 MC	A.76
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0316600000	ZB 16 ZKSC	B.286
0316600000	ZB 16 ZKSC	B.287
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0316600000	ZB 16 ZKSC	B.293
0318000000	VH 19/6/4.2 SAKT1	B.150
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0368300000	Q 3 AKZ1.5	A.326
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0368600000	Q 10 AKZ4	A.218
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0369000000	Q 2 AKZ4SS	A.239
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0370000000

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0380000000

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0383410000	TS 35X7.5 1M/ST/ZN	C.18
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0430500000	G 20/0.25A/F	A.263
0430500000	G 20/0.25A/F	A.264
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0430600000	G 20/0.50A/F	B.112
0430600000	G 20/0.50A/F	B.115
0430700000	G 20/1.00A/F	A.37
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0430700000	G 20/1.00A/F	A.150
0430700000	G 20/1.00A/F	A.151
0430700000	G 20/1.00A/F	A.152
0430700000	G 20/1.00A/F	A.156
0430700000	G 20/1.00A/F	A.158
0430700000	G 20/1.00A/F	A.159
0430700000	G 20/1.00A/F	A.160
0430700000	G 20/1.00A/F	A.161
0430700000	G 20/1.00A/F	A.165
0430700000	G 20/1.00A/F	A.258
0430700000	G 20/1.00A/F	A.259
0430700000	G 20/1.00A/F	A.260
0430700000	G 20/1.00A/F	A.261
0430700000	G 20/1.00A/F	A.263
0430700000	G 20/1.00A/F	A.264
0430700000	G 20/1.00A/F	A.267
0430700000	G 20/1.00A/F	A.273
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0430700000	G 20/1.00A/F	A.275
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0430700000	G 20/1.00A/F	B.115

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0430800000	G 20/1.60A/F	A.165
0430800000	G 20/1.60A/F	A.278
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0430900000	G 20/2.00A/F	A.38
0430900000	G 20/2.00A/F	A.150
0430900000	G 20/2.00A/F	A.151
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0430900000	G 20/2.00A/F	A.261
0430900000	G 20/2.00A/F	A.263
0430900000	G 20/2.00A/F	A.264
0430900000	G 20/2.00A/F	A.267
0430900000	G 20/2.00A/F	A.273
0430900000	G 20/2.00A/F	A.274
0430900000	G 20/2.00A/F	A.275
0430900000	G 20/2.00A/F	A.276
0430900000	G 20/2.00A/F	A.278
0430900000	G 20/2.00A/F	B.112
0430900000	G 20/2.00A/F	B.115
0431000000	G 20/2.50A/F	A.165
0431000000	G 20/2.50A/F	A.278
0431100000	G 20/3.15A/F	A.165
0431100000	G 20/3.15A/F	A.278
0431200000	G 20/4.00A/F	A.165
0431200000	G 20/4.00A/F	A.278
0431300000	G 20/5.00A/F	A.165
0431300000	G 20/5.00A/F	A.278
0431400000	G 20/6.30A/F	A.165
0431400000	G 20/6.30A/F	A.278
0438000000	SSCH 10X3X1000 ST/ZN	C.12
0439000000	G 20/0.63A/F	A.165
0439000000	G 20/0.63A/F	A.278

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0445600000	MEW 1/32	C.21
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0470000000

0470700000	QL 2 SAK16	A.265
0470700000	QL 2 SAK16	A.266
0470700000	QL 2 SAK16	A.268
0471000000	QL 10 SAK16	A.265
0471000000	QL 10 SAK16	A.266
0471000000	QL 10 SAK16	A.268
0475380000	ZB 4K BL	B.282
0475380000	ZB 4K BL	B.283
0475380000	ZB 4K BL	B.284
0475380000	ZB 4K BL	B.285

0480000000

0485200000	ADP 1/HP1 1M	C.23
0485300000	ADP 2/HP2 1M	C.23
0485400000	ADP 3/HP3 1M	C.23
0485560000	HP 1 ADP1	C.23
0485660000	HP 2 ADP2	C.23
0485760000	HP 3 ADP3	C.23
0485860000	HP 4 ADP3	C.23

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0494920000	SH 2	C.13
0495680000	MOFU 35	C.22
0498000000	TS 35X15/2.3 2M/ST/ZN	C.19

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0501800000	SAKS 4/35 DB	A.271
0502100000	SAKS 5/35 DB	A.272
0502680000	ZB 35K BL M6X16	B.282
0502680000	ZB 35K BL M6X16	B.283
0502680000	ZB 35K BL M6X16	B.284
0502680000	ZB 35K BL M6X16	B.285
0502880000	ZB 16K BL	B.264
0502880000	ZB 16K BL	B.265
0502880000	ZB 16K BL	B.282
0502880000	ZB 16K BL	B.283
0502880000	ZB 16K BL	B.284
0502880000	ZB 16K BL	B.285
0503500000	MB M3/M5 CRM	C.22

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0510300000	G 25/0.50A/M WS	A.152
0510300000	G 25/0.50A/M WS	A.1

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1007970000	ZP 2.5/1AN/QV ZAO.RA.BL	A.188
1007980000	ZP 2.5/1AN/QV ZAO.RA.GN	A.188
1009060000	ZP 2.5/1AN/1.BL	A.188
1009070000	ZP 2.5/1AN.ZA.BL	A.188

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1010000000	WPE 2.5	A.247
1010010000	WPE 2.5 WS	B.219
1010010000	WPE 2.5 WS	B.223
1010100000	WPE 4	A.249
1010200000	WPE 6	A.250
1010300000	WPE 10	A.251
1010400000	WPE 16	A.251
1010500000	WPE 35	A.252
1010500000	WPE 35	B.30
1010600000	WNT 2.5 10X3 BE	B.286
1010680000	WNT 2.5 10X3	B.286
1010780000	WNT 4 10X3	B.286
1010880000	WNT 6 10X3	B.287
1010900000	WNT 10 10X3 BE	B.287
1010980000	WNT 10 10X3	B.287
1011000000	WSI 6	A.263
1011300000	WSI 6/LD 10-36V DC/AC	A.264
1011320000	DEK 5/6 PLUS MC NE WS	A.8
1011320000	DEK 5/6 PLUS MC NE WS	A.9
1011320000	DEK 5/6 PLUS MC NE WS	A.28
1011320000	DEK 5/6 PLUS MC NE WS	A.29
1011320000	DEK 5/6 PLUS MC NE WS	A.34
1011320000	DEK 5/6 PLUS MC NE WS	A.37
1011320000	DEK 5/6 PLUS MC NE WS	A.38
1011320000	DEK 5/6 PLUS MC NE WS	A.43
1011320000	DEK 5/6 PLUS MC NE WS	A.56
1011320000	DEK 5/6 PLUS MC NE WS	A.57
1011320000	DEK 5/6 PLUS MC NE WS	A.58
1011320000	DEK 5/6 PLUS MC NE WS	A.59
1011320000	DEK 5/6 PLUS MC NE WS	A.61
1011320000	DEK 5/6 PLUS MC NE WS	B.111
1011320000	DEK 5/6 PLUS MC NE WS	B.112
1011320000	DEK 5/6 PLUS MC NE WS	B.115
1011320000	DEK 5/6 PLUS MC NE WS	B.221
1012200000	WSI 6/LD 30-70V DC/AC	A.264
1012300000	WSI 6/LD 60-150V DC/AC	A.264
1012400000	WSI 6/LD 250AC	A.264
1012600000	WPE 35/KSC	A.253
1012600000	WPE 35/KSC	B.31
1014000000	WSI 6/2 GZ/DEF63	A.265
1014100000	WSI 6/2/LD 10-36V DC/AC	A.266
1014200000	WSI 6/2/LD 30-70V DC/AC	A.266
1014300000	WSI 6/2/LD 60-150VDC/AC	A.266
1014400000	WSI 6/2/LD 250AC	A.266
1015800000	WDT 1.5/1 DB/GE	A.286
1015900000	WDT 1.5/2 DB/GE	A.286
1016000000	WDT 1.5/3 DB/GE	A.287
1016200000	WPE 2.5N	A.248
1016400000	WPE 2.5/1.5/ZR	A.247
1016500000	WPE 1.5/ZZ	A.246
1016700000	WTL 6/1	B.150
1016700000	WTL 6/1	B.151
1016900000	WTL 6/1/STB	B.151
1017100000	WTD 6/1	B.150
1017100000	WTD 6/1	B.151
1017900000	WTD 6/1	B.152
1018100000	WTD 6/1/STB	B.152
1019000000	WNT 16N 10X3	B.287
1019100000	WPE 16N	A.252
1019700000	WPE 120/150	A.255
1019700000	WPE 120/150	B.33

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1020000000	WDU 2.5	A.216
1020080000	WDU 2.5 BL	A.216
1020100000	WDU 4	A.219
1020180000	WDU 4 BL	A.219
1020190000	WDU 4 GE/SW	B.228
1020200000	WDU 6	A.222
1020280000	WDU 6 BL	A.222
1020300000	WDU 10	A.224
1020380000	WDU 10 BL	A.224
1020400000	WDU 16	A.226
1020480000	WDU 16 BL	A.226
1020500000	WDU 35	A.228
1020500000	WDU 35	B.24
1020580000	WDU 35 BL	A.228
1020600000	WDU 35/K	A.229
1020600000	WDU 35/K	B.25
1020680000	WDU 35/K BL	A.229
1021500000	WDK 2.5	A.236
1021580000	WDK 2.5 BL	A.236
1021600000	WDK 2.5 F	A.302
1021680000	WDK 2.5 F BL	A.302
1021700000	WDK 2.5 FF	A.303
1021800000	WDU 2.5 F 2X2.8	A.300
1021900000	WDU 2.5 FF 2X2.8	A.300
1022300000	WDK 2.5V	A.237
1022380000	WDK 2.5V BL	A.237
1022400000	WDK 2.5 FV	A.302
1022600000	WDK 2.5 2D ZA	A.310

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1023200000	WDK 2.5/D	A.311
1023300000	WDK 2.5 1D A.2	A.309
1023400000	WDK 2.5 1D A.1	A.308
1023500000	WDK 2.5 2D	A.310
1023600000	WDK 2.5 LD RT 24VDC ~	A.311
1023700000	WDU 2.5N	A.217
1023780000	WDU 2.5N BL	A.217
1023830000	ZTR 6-2	A.167
1024100000	WDU 2.5/TC TYP K	B.166
1024200000	WDU 2.5/TC TYP T	B.166
1024300000	WDU 2.5/TC TYP J	B.166
1024400000	WDU 2.5/TC TYP SR	B.166
1024500000	WDU 120/150	A.235
1024500000	WDU 120/150	B.28
1024580000	WDU 120/150 BL	A.235
1024580000	WDU 120/150 BL	B.28
1024600000	WDU 70/95	A.235
1024600000	WDU 70/95	B.27
1024680000	WDU 70/95 BL	A.235
1024680000	WDU 70/95 BL	B.287
1024700000	WDU 2.5/1.5/ZR	A.215
1024780000	WDU 2.5/1.5/ZR BL	A.215
1027000000	WDUL 4/10	A.307
1027300000	WDUL 4/100	A.307
1027400000	WDUL 4/500	A.307
1027410000	WDK 2.5/BLZ/5.08/ZA.V	A.305
1027500000	WDUL 4/1K	A.307
1027550000	ZMAK 2.5 690V	A.123
1027550000	ZMAK 2.5 690V	B.91
1027600000	WDUL 4/5K	A.307
1027700000	WDUL 4/10K	A.307
1027800000	WDUL 4/50K	A.307
1027840000	WDL 4 WF10	A.344
1027840000	WDL 4 WF10	A.345
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1028000000	WDUL 4/500K	A.307
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1028380000	WFF 35 BL	A.348
1028400000	WFF 70	A.349
1028480000	WFF 70 BL	A.349
1028500000	WFF 120	A.349
1028580000	WFF 120 BL	A.349
1028600000	WFF 185	A.350
1028680000	WFF 185 BL	A.350
1028700000	WFF 300	A.351
1028800000	WDU 35/ZA	A.228
1028880000	WDU 35/ZA BL	A.228
1028900000	WDU 16/ZA	A.226
1028980000	WDU 16/ZA BL	A.226
1029000000	WDU 35/K/ZA	A.229
1029100000	WDK 2.5/EX	A.239
1029300000	WFF 35/AH	A.348
1029400000	WFF 70/AH	A.349
1029500000	WFF 120/AH	A.349
1029600000	WFF 185/AH	A.350
1029700000	WFF 300/AH	A.351
1029800000	WDL 2.5/NT/L/PE	B.290
1029900000	WDL 2.5/N/L/PE	B.291

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1030200000	WDL 2.5/L/L/PE	B.291
1030300000	WDL 2.5/L/L	B.290
1030600000	WDL 2.5/S/NT/L/PE	B.292
1030700000	WDL 2.5/S/N/L/PE	B.293
1031100000	WDL 2.5/S/L/L/PE	B.293
1031200000	WDL 2.5/S/L/L	B.292
1031300000	WDL 2.5/S/L	B.293
1031400000	WDU 1.5/ZZ	A.215
1031480000	WDU 1.5/ZZ BL	A.215
1033300000	WDU 2.5/TC TYP E	B.166
1033700000	WDU 2.5/TC TYP B	B.166
1034400000	WDK 2.5/BLZ/5.08/ZA	A.305
1036000000	WPO 4	A.306
1036100000	WDU 16N	A.227
1036180000	WDU 16N BL	A.227
1036300000	WDK 2.5PE	A.256
1036400000	WDK 2.5DU-PE	A.238
1037300000	WPE 70/95	A.255
1037300000	WPE 70/95	B.32
1039900000	WTR 2.5/ZZ	A.281
1039980000	WTR 2.5/ZZ BL	A.281

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1040400000	WDU 35N	A.229
1040400000	WDU 35N	B.24
1040480000	WDU 35N BL	A.229
1040800000	WDU 2.5N ZDV	A.217
1040880000	WDU 2.5N ZDV BL	A.217
1041100000	WDK 2.5 ZDV	A.237
1041180000	WDK 2.5 ZDV BL	A.237
1041500000	WDU 2.5/TC TYP N	B.166
1041600000	WDK 2.5N	A.238
1041610000	WDK 2.5N V	A.239
1041620000	WDK 2.5N PE	A.256
1041650000	WDK 2.5N DU-PE	A.239
1041680000	WDK 2.5N BL	A.238

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1041910000	WDK 4N V	A.241
1041920000	WDK 4N PE	A.257
1041980000	WDK 4N BL	A.240
1042400000	WDU 10/ZR	A.225
1042480000	WDU 10/ZR BL	A.225
1042500000	WPE 10/ZR	A.251
1042600000	WDU 4N	A.220
1042680000	WDU 4N BL	A.220
1042700000	WPE 4N	A.250
1045970000	WTR 35 E	B.235
1046350000	DEK 5/8 PLUS MC NE WS	A.10
1046350000	DEK 5/8 PLUS MC NE WS	A.29
1046350000	DEK 5/8 PLUS MC NE WS	A.30
1046350000	DEK 5/8 PLUS MC NE WS	B.98
1046350000	DEK 5/8 PLUS MC NE WS	B.99
1046350000	DEK 5/8 PLUS MC NE WS	B.100
1046350000	DEK 5/8 PLUS MC NE WS	B.101
1046350000	DEK 5/8 PLUS MC NE WS	B.130
1046350000	DEK 5/8 PLUS MC NE WS	B.131
1046350000	DEK 5/8 PLUS MC NE WS	B.132
1046350000	DEK 5/8 PLUS MC NE WS	B.133
1046350000	DEK 5/8 PLUS MC NE WS	B.134
1046350000	DEK 5/8 PLUS MC NE WS	B.135
1046350000	DEK 5/8 PLUS MC NE WS	B.221
1046370000	DEK 5/8 PLUS MC SDR	B.102
1046370000	DEK 5/8 PLUS MC SDR	B.103
1046370000	DEK 5/8 PLUS MC SDR	B.108
1046370000	DEK 5/8 PLUS MC SDR	B.109
1049220000	WFF 35 NFF	A.348
1049230000	WFF 70 NFF	A.349
1049240000	WFF 120 NFF	A.350
1049250000	WFF 185 NFF	A.351

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1050000000	WAP 2.5-10	A.215
1050000000	WAP 2.5-10	A.216
1050000000	WAP 2.5-10	A.217
1050000000	WAP 2.5-10	A.219
1050000000	WAP 2.5-10	A.221
1050000000	WAP 2.5-10	A.222
1050000000	WAP 2.5-10	A.223
1050000000	WAP 2.5-10	A.224
1050000000	WAP 2.5-10	A.225
1050000000	WAP 2.5-10	A.246
1050000000	WAP 2.5-10	A.247
1050000000	WAP 2.5-10	A.259
1050000000	WAP 2.5-10 BL	A.263
1050000000	WAP 2.5-10	A.264
1050000000	WAP 2.5-10	A.265
1050000000	WAP 2.5-10	A.266
1050000000	WAP 2.5-10	A.267
1050000000	WAP 2.5-10	A.268
1050000000	WAP 2.5-10	A.273
1050000000	WAP 2.5-10	A.274
1050000000	WAP 2.5-10	A.280
1050000000	WAP 2.5-10	A.281
1050000000	WAP 2.5-10	A.283
1050000000	WAP 2.5-10	A.284
1050000000	WAP 2.5-10	A.285
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1050000000	WAP 2.5-10	A.307
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1050000000	WAP 2.5-10	B.223
1050000000	WAP 2.5-10	B.228
1050000000	WAP 2.5-10	B.286
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1050080000	WAP 2.5-10 BL	A.216
1050080000	WAP 2.5-10 BL	A.217
1050080000	WAP 2.5-10 BL	A.219
1050080000	WAP 2.5-10 BL	A.222
1050080000	WAP 2.5-10 BL	A.224
1050080000	WAP 2.5-10 BL	A.225
1050080000	WAP 2.5-10 BL	A.300
1050080000	WAP 2.5-10 BL	B.228
1050080000	WAP 2.5-10 BL	B.286
1050080000	WAP 2.5-10 BL	B.287
1050080000	WAP 2.5-10 BL	B.288
1050100000	WAP 16-35 WTW 2.5-10	A.215
1050100000	WAP 16-35 WTW 2.5-10	A.216
1050100000	WAP 16-35 WTW 2.5-10	A.217
1050100000	WAP 16-35 WTW 2.5-10	A.219
1050100000	WAP 16-35 WTW 2.5-10	A.221
1050100000	WAP 16-35 WTW 2.5-10	A.222
1050100000	WAP 16-35 WTW 2.5-10	A.223
1050100000	WAP 16-35 WTW 2.5-10	A.224
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1050100000	WAP 16-35 WTW 2.5-10	A.226
1050100000	WAP 16-35 WTW 2.5-10	A.227
1050100000	WAP 16-35 WTW 2.5-10	A.228
1050100000	WAP 16-35 WTW 2.5-10	A.229
1050100000	WAP 16-35 WTW 2.5-10	A.239
1050100000	WAP 16-35 WTW 2.5-10	A.263
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1052660000	ZTA ZDK 2.5	A.119
1052680000	ZTA ZDK 2.5/ZA	A.118
1052680000	ZTA ZDK 2.5/ZA	A.119
1053060000	WQV 35/2	A.228
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1053660000	WQV 2.5/2	A.236
1053660000	WQV 2.5/2	A.237
1053660000	WQV 2.5/2	A.238
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1053660000	WQV 2.5/2	A.293
1053660000	WQV 2.5/2	A.300
1053660000	WQV 2.5/2	A.302
1053660000	WQV 2.5/2	A.303
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1053660000	WQV 2.5/2	A.310
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1053760000	WQV 2.5/3	A.324
1053860000	WQV 2.5/4	A.324
1053960000	WQV 2.5/5	A.324
1054060000	WQV 2.5/6	A.324
1054160000	WQV 2.5/7	A.324
1054260000	WQV 2.5/8	A.324
1054360000	WQV 2.5/9	A.324
1054460000	WQV 2.5/10	A.215
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1054460000	WQV 2.5/10	A.218
1054460000	WQV 2.5/10	A.236
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1054460000	WQV 2.5/10	A.300
1054460000	WQV 2.5/10	A.302
1054460000	WQV 2.5/10	A.303
1054460000	WQV 2.5/10	A.304
1054460000	WQV 2.5/10	A.308
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1054460000	WQV 2.5/10	A.310
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1054760000	WQV 6/3	A.324
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1054760000	WQV 6/3	B.155
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1054760000	WQV 6/3	B.157
1054760000	WQV 6/3	B.159
1054760000	WQV 6/3	B.161
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1054860000	WQV 6/4	B.156
1054860000	WQV 6/4	B.157
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1055960000	WAD 12 M.BL	A.227
1055960000	WAD 12 M.BL	A.228
1055960000	WAD 12 M.BL	A.229
1055960000	WAD 12 M.BL	B.24
1055960000	WAD 12 M.BL	B.25
1055960000	WAD 12 M.BL	B.229
1055960000	WAD 12 M.BL	B.230
1056260000	WAD 12 NEUTRAL	A.226
1056260000	WAD 12 NEUTRAL	A.227
1056260000	WAD 12 NEUTRAL	A.228
1056260000	WAD 12 NEUTRAL	A.229
1056260000	WAD 12 NEUTRAL	B.24
1056260000	WAD 12 NEUTRAL	B.25
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1056260000	WAD 12 NEUTRAL	B.230
1056400000	LS 2.8 WDU2.5-10	A.307
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1057860000	WQV 4/5	A.324
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1058800000	WTW EN	A.241
1058800000	WTW EN	A.256
1058800000	WTW EN	A.271
1058800000	WTW EN	A.272
1058800000	WTW EN	A.302
1058800000	WTW EN	A.303
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1059000000	WEW 35/1	A.252
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1059100000	WAP WDK2.5	A.236
1059100000	WAP WDK2.5	A.237
1059100000	WAP WDK2.5	A.238
1059100000	WAP WDK2.5	A.239
1059100000	WAP WDK2.5	A.256
1059100000	WAP WDK2.5	A.302
1059100000	WAP WDK2.5	A.303
1059100000	WAP WDK2.5	A.308
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1059100000	WAP WDK2.5	A.311
1059100000	WAP WDK2.5	A.324
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1059100000	WAP WDK2.5 BL	A.237
1059180000	WAP WDK2.5 BL	A.238

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1059180000	WAP WDK2.5 BL	A.302
1059180000	WAP WDK2.5 BL	A.303
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1059310000	ZAP ZSIZX6/4X2.5	A.164
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1060080000	WAP WDU2.5N/4N BL	A.218
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1061200000	WEW 35/2	A.241
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1061200000	WEW 35/2	A.256
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1065600000	WQL 3 WFF120	A.349
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1067100000	WTW WFF35	A.348
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1067200000	WTW WFF70	A.349
1067200000	WTW WFF70	A.354
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1067300000	WTW WFF120	A.354
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1067800000	WAP WDL2.5	B.291
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1068000000	WQV 35-10	A.327
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1070100000	WAP WDK2.5/BLZ/M.ZA	A.305
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1071500000	Q 2 WDL2.5S	A.326
1071500000	Q 2 WDL2.5S	B.290
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1071500000	Q 2 WDL2.5S	B.293
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1071600000	Q 3 WDL2.5S	B.290
1071600000	Q 3 WDL2.5S	B.291
1071600000	Q 3 WDL2.5S	B.292
1071600000	Q 3 WDL2.5S	B.293
1071700000	Q 4 WDL2.5S	A.326
1071700000	Q 4 WDL2.5S	B.290
1071700000	Q 4 WDL2.5S	B.291
1071700000	Q 4 WDL2.5S	B.292
1071700000	Q 4 WDL2.5S	B.293
1071800000	Q 10 WDL2.5S	A.326
1071800000	Q 10 WDL2.5S	B.290

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1072000000	WAD 4 GE BED	A.215
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1072000000	WAD 4 GE BED	A.238
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1072100000	WAD 4 WS	A.217
1072100000	WAD 4 WS	A.218
1072100000	WAD 4 WS	A.220
1072100000	WAD 4 WS	A.236
1072100000	WAD 4 WS	A.237
1072100000	WAD 4 WS	A.238
1072100000	WAD 4 WS	A.239
1072100000	WAD 4 WS	A.300
1072100000	WAD 4 WS	A.302
1072100000	WAD 4 WS	A.303
1072300000	WQV 70/95-PEN	A.255
1072300000	WQV 70/95-PEN	A.333
1072300000	WQV 70/95-PEN	B.32
1072400000	WQV 120-PEN	A.255
1072400000	WQV 120-PEN	A.333
1072400000	WQV 120-PEN	B.33
1072500000	WQV 16N 4/6	A.327
1072680000	WBB WDK2.5/BL5.08	A.305
1072760000	WBB ZA WDK2.5/BL5.08	A.305
1073100000	WQV 16N 2/5	A.327
1073200000	WAD 12N GE BED	A.227
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1073290000	WAD 12N WS	A.227
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1074200000	Q 20 WDL2.5S	B.292
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1074600000	WAP WTR2.5/ZZ	A.281
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1079600000	WOB PEN 16N	A.333
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1079900000	WSH 4 MT	B.209

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1083900000	SMSE WSH 1/1 MT	B.211
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1084000000	WAP WDK2.5/4 N	A.240
1084000000	WAP WDK2.5/4 N	A.241
1084000000	WAP WDK2.5/4 N	A.256
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1084080000	WAP WDK2.5/4 N BL	A.238
1084080000	WAP WDK2.5/4 N BL	A.239
1084080000	WAP WDK2.5/4 N BL	A.240
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1112940000	WAD 8 MC NE WS	A.242
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1143000000	WMF 2.5 DI BLZ	B.189
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1162820000	WMF 2.5 FU BLZ PE SW	B.191
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1163000000	WMF 2.5 FU BLZ 30-70V SW	B.191
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1208970000	WS 7.8/9.2 PLUS MC NE GR	B.245
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.247
1208970000	WS 7.8/9.2 PLUS MC NE GR	B.249

1210000000

1210410000	ZAP ZVLD 2.5	A.122
1211450000	PAP PRV/PPV4 GR	B.182
1211450000	PAP PRV/PPV4 GR	B.185
1211450000	PAP PRV/PPV4 GR	B.194
1211460000	PAP PRV/PPV8 GR	B.183
1211460000	PAP PRV/PPV8 GR	B.185
1211460000	PAP PRV/PPV8 GR	B.194
1216230000	HBT 6,0 - 4,6 GE	A.223
1216230000	HBT 6,0 - 4,6 GE	A.225
1216230000	HBT 6,0 - 4,6 GE	B.161
1216230000	HBT 6,0 - 4,6 GE	B.163

1220000000

1224870000	FUSE 1KV DC 2A 10/38	A.270
1224870000	FUSE 1KV DC 2A 10/38	A.279
1224880000	FUSE 1KV DC 4A 10/38	A.270
1224880000	FUSE 1KV DC 4A 10/38	A.279
1224890000	FUSE 1KV DC 6A 10/38	A.270
1224890000	FUSE 1KV DC 6A 10/38	A.279
1224910000	FUSE 1KV DC 10A 10/38	A.270
1224910000	FUSE 1KV DC 10A 10/38	A.279
1224920000	FUSE 1KV DC 12A 10/38	A.270
1224920000	FUSE 1KV DC 12A 10/38	A.279
1224930000	FUSE 1KV DC 16A 10/38	A.270
1224930000	FUSE 1KV DC 16A 10/38	A.279
1224950000	FUSE 1KV DC 20A 10/38	A.270
1224950000	FUSE 1KV DC 20A 10/38	A.279
1227850000	ZEW 35/2 GR	C.21
1227890000	WEW 35/1 GR	C.13
1227890000	WEW 35/1 GR	C.21

1230000000

1230050000	TW PRV4 1.4	B.182
1230050000	TW PRV4 1.4	B.185
1230060000	TW PRV4 0.3	B.182
1230060000	TW PRV4 0.3	B.185
1230070000	TW PRV4 A.0	B.182
1230070000	TW PRV4 A.0	B.185
1230080000	TW PRV8 1.8	B.183
1230080000	TW PRV8 1.8	B.185
1230090000	TW PRV8 0.7	B.183
1230090000	TW PRV8 0.7	B.185
1230110000	TW PRV8 A.H	B.183
1230110000	TW PRV8 A.H	B.185
1230120000	TW PRV16 1-16	B.184
1230130000	TW PRV16 0-15	B.184
1230140000	TW PRV16 A-P	B.184
1231330000	WTR 4/ZZ STB BL	A.282
1233330000	HBT 2.5 - 4,6 BL	A.223
1233330000	HBT 2.5 - 4,6 BL	A.225
1233330000	HBT 2.5 - 4,6 BL	B.161
1233330000	HBT 2.5 - 4,6 BL	B.163
1233340000	HBT 1,5 - 4,6 RT	A.223
1233340000	HBT 1,5 - 4,6 RT	A.225
1233340000	HBT 1,5 - 4,6 RT	B.161
1233340000	HBT 1,5 - 4,6 RT	B.163
1238040000	ZEW 35 GR	C.21
1238880000	WAP WTL6 SL 4.6	B.161
1238880000	WAP WTL6 SL 4.6	B.163
1238920000	WTD 6 SL 0.STB	B.160
1238920000	WTD 6 SL 0.STB	B.161
1238930000	WTL 6 SL 0.STB	B.160
1238930000	WTL 6 SL 0.STB	B.161

1240000000

1246990000	SMSE WSH 135/60 MT	B.211
1247290000	WOK 2.5/TR-DU	A.292
1247310000	WOK 2.5/TR-DU STB	A.292
1247420000	WOK 2.5/TR-DU-PE	A.293
1247430000	WOK 2.5/TR-DU-PE STB	A.293

1250000000

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1252510000	KLBUe 10-20 FM4	B.207
1252520000	KLBUe 4-13.5 FM4	B.207

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1255010000	GWHUE M3 WTL6	B.161
1255010000	GWHUE M3 WTL6	B.162
1255010000	GWHUE M3 WTL6	B.163

1260000000

1265990000	ZSI 2X6/4X2.5	A.164
1267790000	PRV 16 BL 35X15 RT/WS	B.184
1267800000	PRV 16 BL 35X15 WS/RT	B.184
1267810000	PRV 16 BL 35X7.5 RT/WS	B.184
1267820000	PRV 16 BL 35X7.5 WS/RT	B.184
1267830000	PRV 8 BL 35X15 RT/WS	B.183
1267840000	PRV 8 BL 35X7.5 RT/WS	B.183
1267870000	PPV 8 BL 35X15 DGR	B.185
1267880000	PPV 8 BL 35X7.5 DGR	B.185
1267890000	PRV 4 BL 35X15 RT	B.182
1267900000	PRV 4 BL 35X7.5 RT	B.182
1267910000	PPV 4 BL 35X15 DGR	B.185
1267920000	PPV 4 BL 35X7.5 DGR	B.185
1267930000	BZT PRV16 BL 35X15	B.184
1267940000	BZT PRV16 BL 35X7.5	B.184
1267950000	BZT PRV8 BL 35X15	B.183
1267950000	BZT PRV8 BL 35X15	B.185
1267970000	BZT PRV8 BL 35X7.5	B.183
1267970000	BZT PRV8 BL 35X7.5	B.185
1267980000	BZT PRV4 BL 35X15	B.182
1267980000	BZT PRV4 BL 35X15	B.185
1267990000	BZT PRV4 BL 35X7.5	B.182
1267990000	BZT PRV4 BL 35X7.5	B.185
1268000000	PAP PRV/PPV8 BL	B.183
1268000000	PAP PRV/PPV8 BL	B.185
1268010000	PAP PRV/PPV4 BL	B.182
1268010000	PAP PRV/PPV4 BL	B.185
1268010000	PAP PRV/PPV4 BL	B.194
1269050000	EW 35 DB	C.21
1269060000	SCHT 14/6	A.304
1269070000	ZST 1	A.211

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1270070000	WMF 2.5 DI BL	B.186
1270080000	WMF 2.5 DI PE BL	B.187
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1278740000	ETA 1170 21 4A	A.163
1278750000	ETA 1170 21 5A	A.163
1278760000	ETA 1170 21 6A	A.163
1278770000	ETA 1170 21 7.5A	A.163
1278780000	ETA 1170 21 8A	A.163
1278790000	ETA 1170 21 10A	A.163
1278810000	ETA 1170 21 15A	A.163
1278820000	ETA 1170 21 20A	A.163
1278830000	ETA 1170 21 25A	A.163
1278840000	ETA 1180 01 0.1A	A.162
1278840000	ETA 1180 01 0.1A	A.164
1278850000	ETA 1180 01 0.2A	A.162
1278850000	ETA 1180 01 0.2A	A.164
1278860000	ETA 1180 01 0.25A	A.162
1278860000	ETA 1180 01 0.25A	A.164
1278870000	ETA 1180 01 0.3A	A.162
1278870000	ETA 1180 01 0.3A	A.164
1278880000	ETA 1180 01 0.4A	A.162
1278880000	ETA 1180 01 0.4A	A.164
1278910000	ETA 1180 01 0.5A	A.162
1278910000	ETA 1180 01 0.5A	A.164
1278920000	ETA 1180 01 0.6A	A.162
1278920000	ETA 1180 01 0.6A	A.164
1278930000	ETA 1180 01 0.7A	A.162
1278930000	ETA 1180 01 0.7A	A.164
1278940000	ETA 1180 01 0.8A	A.162
1278940000	ETA 1180 01 0.8A	A.164
1278950000	ETA 1180 01 1A	A.162
1278950000	ETA 1180 01 1A	A.164
1278960000	ETA 1180 01 1.5A	A.162
1278960000	ETA 1180 01 1.5A	A.164
1278970000	ETA 1180 01 2A	A.162
1278970000	ETA 1180 01 2A	A.164
1278980000	ETA 1180 01 2.5A	A.162
1278980000	ETA 1180 01 2.5A	A.164
1278990000	ETA 1180 01 3A	A.162
1278990000	ETA 1180 01 3A	A.164
1279010000	ETA 1180 01 3.5A	A.162
1279010000	ETA 1180 01 3.5A	A.164
1279020000	ETA 1180 01 4A	A.162
1279020000	ETA 1180 01 4A	A.164
1279030000	ETA 1180 01 5A	A.162
1279030000	ETA 1180 01 5A	A.164
1279040000	ETA 1180 01 6A	A.162
1279040000	ETA 1180 01 6A	A.164
1279050000	ETA 1180 01 7A	A.162
1279050000	ETA 1180 01 7A	A.164
1279060000	ETA 1180 01 8A	A.162
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1305260000	WAP WDT 2.5/2	A.295
1305270000	WP 2.5/1AN/1	A.294
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1312440000	HBT 1,5 - 3,0 RT	A.221
1312440000	HBT 1,5 - 3,0 RT	A.274
1312440000	HBT 1,5 - 3,0 RT	A.283
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1312600000	Q.3 DU	A.326
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1350990000	WP 2.5/1AN/1 ZA	A.298
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1521670000	A3C 2.5 PE	A.79
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1521680000	A2C 2.5 PE	A.79
1521690000	A4C 2.5	A.8
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1521890000	A3C 2.5 WT	A.90
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1521930000	A2C 2.5 OR	A.90
1521940000	A2C 2.5 YL	A.90
1521950000	A2C 2.5 GN	A.90
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1521980000	A2C 2.5 BK	A.90
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1552770000	A3C 1.5 BL	A.90
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1608610000	ZDU 2.5/2X2AN BL	A.103
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1608950000	ZQV 4/2 GE	A.127
1608950000	ZQV 4/2 GE	A.156
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1609920000	WS 12/6.5 MC NE WS	B.231
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1614290000	ZRH 2.5/2 GR/V0	A.135
1614290000	ZRH 2.5/2 GR/V0	A.192
1614290000	ZRH 2.5/2 GR/V0	A.193
1614290000	ZRH 2.5/2 GR/V0	A.209
1614290000	ZRH 2.5/2 GR/V0	B.222
1614300000	ZRH 2.5/1 WS	A.102
1614300000	ZRH 2.5/1 WS	A.103
1614300000	ZRH 2.5/1 WS	A.134
1614300000	ZRH 2.5/1 WS	A.135
1614300000	ZRH 2.5/1 WS	A.192
1614300000	ZRH 2.5/1 WS	A.193
1614300000	ZRH 2.5/1 WS	A.209
1614300000	ZRH 2.5/1 WS	B.222
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1616420000	ZSI 2.5/LD 120AC	A.152
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1616490000	ZSI 2.5/2/LD 120AC	A.154
1616500000	ZSI 2.5/2/LD 250AC	A.154
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1627850000	ZDV 6/2 GE	A.150
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1627850000	ZDV 6/2 GE	B.274
1627850000	ZDV 6/2 GE	B.275
1627850000	ZDV 6/2 GE	B.279
1627850000	ZDV 6/2 GE	B.283
1627860000	ZDV 6/3 GE	A.205
1627860000	ZDV 6/3 GE	B.147
1627860000	ZDV 6/3 GE	B.274
1627860000	ZDV 6/3 GE	B.275
1627860000	ZDV 6/3 GE	B.279
1627860000	ZDV 6/3 GE	B.283
1627870000	ZDV 6/4 GE	A.105
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1627870000	ZDV 6/4 GE	A.162
1627870000	ZDV 6/4 GE	A.167
1627870000	ZDV 6/4 GE	A.205
1627870000	ZDV 6/4 GE	B.147
1627870000	ZDV 6/4 GE	B.274
1627870000	ZDV 6/4 GE	B.275
1627870000	ZDV 6/4 GE	B.279
1627870000	ZDV 6/4 GE	B.283
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1632060000	ZDU 4 BL	A.104
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1632090000	ZAP/TW 4	A.104
1632090000	ZAP/TW 4	A.135
1632100000	ZAP/TW 4 BL	A.104
1632130000	ZRH 1.5N/2	A.209
1632130000	ZRH 1.5N/2	B.174
1632130000	ZRH 1.5N/2	B.175
1632140000	ZRH 1.5N/1	A.209
1632140000	ZRH 1.5N/1	B.174
1632140000	ZRH 1.5N/1	B.175
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1632080000	ZPE 4	A135
1632090000	ZAP/TW 4	A104
1632090000	ZAP/TW 4	A135
1632100000	ZAP/TW 4 BL	A104
1632130000	ZRH 1.5N/2	A209
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1632140000	ZRH 1.5N/1	A209
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1636640000	ZRH 4/1 WS	A.135
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1675350000	KLBUe 2X2-6	B.204
1676610000	BZT ZVL1.5	B.175
1676620000	BZT ZVL1.5/0.ZA	B.175
1676630000	ZPV 1.5	B.174
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1677120000	ZDB 2.5-2	A.111
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1678630000	ZDK 2.5 BL	A.118
1678680000	ZST	A.211
1678800000	ZRH 1.5H/2	A.110
1678800000	ZRH 1.5H/2	A.111
1678800000	ZRH 1.5H/2	A.114
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1678800000	ZRH 1.5H/2	A.125
1678800000	ZRH 1.5H/2	A.126
1678800000	ZRH 1.5H/2	A.130
1678800000	ZRH 1.5H/2	A.131
1678800000	ZRH 1.5H/2	A.140
1678800000	ZRH 1.5H/2	A.141
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1678800000	ZRH 1.5H/2	A.146
1678800000	ZRH 1.5H/2	A.147
1678800000	ZRH 1.5H/2	A.148
1678800000	ZRH 1.5H/2	A.209
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1678810000	ZRH 1.5H/1	A.111
1678810000	ZRH 1.5H/1	A.114
1678810000	ZRH 1.5H/1	A.115
1678810000	ZRH 1.5H/1	A.118
1678810000	ZRH 1.5H/1	A.119
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1678810000	ZRH 1.5H/1	A.121
1678810000	ZRH 1.5H/1	A.123
1678810000	ZRH 1.5H/1	A.124
1678810000	ZRH 1.5H/1	A.125
1678810000	ZRH 1.5H/1	A.126
1678810000	ZRH 1.5H/1	A.130
1678810000	ZRH 1.5H/1	A.131
1678810000	ZRH 1.5H/1	A.140
1678810000	ZRH 1.5H/1	A.141
1678810000	ZRH 1.5H/1	A.144
1678810000	ZRH 1.5H/1	A.145
1678810000	ZRH 1.5H/1	A.146
1678810000	ZRH 1.5H/1	A.147
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1688110000	ZTA 4	A.140
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1693810000	ZDV 2.5N/3 GE	A.204
1693820000	ZDV 2.5N/4 GE	A.204
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1720950000	ZPEA 2.5-2	A.132
1720960000	ZAP/TW ZDUA	A.97
1720960000	ZAP/TW ZDUA	A.132
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1739550000	ZDU 10S BL	B.279
1739560000	ZNT 10S	B.283
1739570000	ZPE 10S	B.281
1739580000	ZDU 16S	B.279
1739590000	ZDU 16S BL	B.279
1739600000	ZNT 16S	B.283
1739610000	ZPE 16S	B.281
1739620000	ZDU 35	A.108
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1739640000	ZNT 35	B.284
1739650000	ZPE 35	A.139
1739660000	ZAP ZDU10/16S	B.279
1739660000	ZAP ZDU10/16S	B.281
1739660000	ZAP ZDU10/16S	B.283
1739660000	ZAP ZDU10/16S	B.285
1739680000	ZDV 10/2	A.106
1739680000	ZDV 10/2	A.205
1739680000	ZDV 10/2	B.279
1739680000	ZDV 10/2	B.285
1739690000	ZDV 16/2	A.107
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1746760000	ZDU 10 BL	A.106
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1748660000	ZAP/TW ZDU10	A.106
1748660000	ZAP/TW ZDU10	A.138
1748800000	ZAP/TW ZDK2.5 BL	A.118
1748800000	ZAP/TW ZDK2.5 BL	A.119
1748800000	ZAP/TW ZDK2.5 BL	A.195
1749151001	KLBUE CO 3	B.203
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1749430000	BS 35H KLBUE3-8/2X2-6	B.207
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1815560000	ZP 2.5/1AN/10	A.173
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1815750000	ZP 2.5/2AN/QV/3	A.185
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1816040000	ZAP/TW ZT2.5/2AN OR	A.175
1816050000	ZAP/TW ZT2.5/3AN	A.172
1816050000	ZAP/TW ZT2.5/3AN	A.175
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1816090000	ZAP/TW ZT2.5/4AN/4	A.173
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1816110000	ZAP/TW ZDT2.5/2	A.178
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1816140000	ZZE ZP2.5	A.180
1816140000	ZZE ZP2.5	A.189
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1816150000	KDSF ZT2.5	A.189
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1837040000	PDL 4 S/L/L/PE	B.272
1837050000	PDL 4 S/N/L/PE	B.270
1837060000	PDL 4 S/N/L/PE	B.272
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1837080000	PHP PDL SO	B.271
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1847600000	ZTA ZT2.5/ZA	A.175
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1847620000	PDL 4 S/N	B.271
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1847770000	STB 36.8/H/GN WTL6/1	B.159
1847770000	STB 36.8/H/GN WTL6/1	B.160
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1854490000	DEK 5/5 PLUS MC NE WS	A.7
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1854490000	DEK 5/5 PLUS MC NE WS	A.24
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1854490000	DEK 5/5 PLUS MC NE WS	A.27
1854490000	DEK 5/5 PLUS MC NE WS	A.28
1854490000	DEK 5/5 PLUS MC NE WS	A.29
1854490000	DEK 5/5 PLUS MC NE WS	A.33
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1854490000	DEK 5/5 PLUS MC NE WS	A.52
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1854490000	DEK 5/5 PLUS MC NE WS	B.220
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1854990000	ZP 4/1AN/2	A.174
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1855080000	ZP 4/1AN/12	A.186
1855100000	ZP 4/1AN/13	A.186
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1855230000	ZAP/TW ZT4/2AN OR	A.177
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1855250000	ZVR ZP4	A.177
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1855260000	ZZE ZP4	A.189
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1856740000	DEK 5/8 MC NE WS	A.113
1856740000	DEK 5/8 MC NE WS	A.137

1856740000	DEK 5/8 MC NE WS	A.142
1856740000	DEK 5/8 MC NE WS	A.143
1856740000	DEK 5/8 MC NE WS	A.167
1856740000	DEK 5/8 MC NE WS	A.222
1856740000	DEK 5/8 MC NE WS	A.223
1856740000	DEK 5/8 MC NE WS	A.250
1856740000	DEK 5/8 MC NE WS	A.253
1856740000	DEK 5/8 MC NE WS	A.263
1856740000	DEK 5/8 MC NE WS	A.264
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1856740000	DEK 5/8 MC NE WS	A.267
1856740000	DEK 5/8 MC NE WS	A.268
1856740000	DEK 5/8 MC NE WS	A.275
1856740000	DEK 5/8 MC NE WS	A.276
1856740000	DEK 5/8 MC NE WS	B.28
1856740000	DEK 5/8 MC NE WS	B.102
1856740000	DEK 5/8 MC NE WS	B.131
1856740000	DEK 5/8 MC NE WS	B.103
1856740000	DEK 5/8 MC NE WS	B.108
1856740000	DEK 5/8 MC NE WS	B.109
1856740000	DEK 5/8 MC NE WS	B.147
1856740000	DEK 5/8 MC NE WS	B.151
1856740000	DEK 5/8 MC NE WS	B.152
1856740000	DEK 5/8 MC NE WS	B.155
1856740000	DEK 5/8 MC NE WS	B.156
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1856740000	DEK 5/8 MC NE WS	B.244
1856740000	DEK 5/8 MC NE WS	B.246
1856740000	DEK 5/8 MC NE WS	B.248
1856740000	DEK 5/8 MC NE WS	B.279
1856740000	DEK 5/8 MC NE WS	B.281
1856740000	DEK 5/8 MC NE WS	B.283
1856750000	DEK 5/8 MC SDR	B.102
1856750000	DEK 5/8 MC SDR	B.103
1856750000	DEK 5/8 MC SDR	B.108
1856750000	DEK 5/8 MC SDR	B.109
1856860000	KOSF ZT4	A.174
1856860000	KOSF ZT4	A.177
1856860000	KOSF ZT4	A.189
1856860000	KOSF ZT4	A.296
1856860000	KOSF ZT4	A.298
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1859200000	WEW 35/2 GR	B.40
1859200000	WEW 35/2 GR	B.42
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1859580000	WZAD 95N/120N	A.231
1859580000	WZAD 95N/120N	B.27
1859580000	WZAD 95N/120N	B.232
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1861050000	ZPS 2.5/1AN/QV/1 GN	A.189
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1865510000	ZTTR 2.5	A.181
1865520000	ZAP/TW ZTTR2.5	A.181
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1865900000	ZPS 2.5/1AN/QV/2	A.185
1865910000	ZPS 2.5/1AN/QV/3	A.185
1865920000	ZPS 2.5/1AN/QV/4	A.185
1865930000	ZPS 2.5/1AN/QV/5	A.185
1865940000	ZPS 2.5/1AN/QV/6	A.185
1865960000	ZPS 2.5/1AN/QV/7	A.185
1865960000	ZPS 2.5/1AN/QV/8	A.185
1865970000	ZPS 2.5/1AN/QV/9	A.185
1865980000	ZPS 2.5/1AN/QV/10	A.185
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1866020000	ZPS 2.5/1AN/QV/14	A.185
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1867170000	ZP 2.5/1AN/10 GN/BE	A.184
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1893970000	FEKO ET ZRV2.5 0.5-1	A.183
1893990000	FEKO ET ZRV2.5 1.5-2.5	A.183
1895700000	ZDKPE 2.5-2/N/L/PE	A.126
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1896100000	PHP PNT 6/10	B.276
1896350000	PNT 16	B.265
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1896370000	PNT 6/10	B.264
1896380000	PHP PNT16	B.265
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1899170000	MOFU 15/35 ZPS2.5	A.191
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1899190000	PDL 4/TR/DU	B.266
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1905070000	WAP WDU/WTR4/ZR	A.249
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1905950000	WS 10/8 PLUS MC NE WS	A.10
1905950000	WS 10/8 PLUS MC NE WS	A.29
1905950000	WS 10/8 PLUS MC NE WS	A.30
1905950000	WS 10/8 PLUS MC NE WS	A.337
1905950000	WS 10/8 PLUS MC NE WS	B.98
1905950000	WS 10/8 PLUS MC NE WS	B.99
1905950000	WS 10/8 PLUS MC NE WS	B.100
1905950000	WS 10/8 PLUS MC NE WS	B.101
1905950000	WS 10/8 PLUS MC NE WS	B.221
1905950000	WS 10/8 PLUS MC NE WS	B.264
1905970000	WS 10/12 MC NE WS	A.227
1905970000	WS 10/12 MC NE WS	B.104
1905970000	WS 10/12 MC NE WS	B.105
1905970000	WS 10/12 MC NE WS	B.106
1905970000	WS 10/12 MC NE WS	B.110
1905970000	WS 10/12 MC NE WS	B.114
1905970000	WS 10/12 MC NE WS	B.229
1905970000	WS 10/12 MC NE WS	B.263
1905970000	WS 10/12 MC NE WS	B.265
1906000000	WS 12/8 PLUS MC NE WS	A.222
1906000000	WS 12/8 PLUS MC NE WS	B.155
1906000000	WS 12/8 PLUS MC NE WS	B.156
1906000000	WS 12/8 PLUS MC NE WS	B.157
1906000000	WS 12/8 PLUS MC NE WS	B.262
1906030000	WS 10/8 PLUS MC SDR	B.102
1906030000	WS 10/8 PLUS MC SDR	B.103
1906030000	WS 10/8 PLUS MC SDR	B.108
1906030000	WS 10/8 PLUS MC SDR	B.109
1906210000	ZDV 6N/2	B.264
1906220000	ZDV 6N/3	B.264
1906230000	ZDV 6N/4	B.264
1906240000	ZDV 6N/20	B.264
1906960000	ZRV 2.5/1	A.183
1906970000	ZRV 2.5/2	A.183
1906980000	AP ZRV2.5	A.183
1907000000	STGH ZRV2.5	A.183
1907010000	STGH 0 ZA ZRV2.5	A.183
1907520000	DEK 5/5 PLUS MC NE GE	A.146
1908560000	BA RC ZPS2.5	A.191
1908960000	ZDV 2.5/20	A.204
1908960000	ZDV 2.5/20	B.264
1908960000	ZDV 2.5/20	B.266
1908960000	ZDV 2.5/20	B.267
1908960000	ZDV 2.5/20	B.278
1908960000	ZDV 2.5/20	B.282
1908990000	ZDV 6/24 GE	A.205
1908990000	ZDV 6/24 GE	B.274
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1908990000	ZDV 6/24 GE	B.279
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1909010000	ZDV 4/20 GE	B.278
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1915450000	WTA 8 TN	A.331
1915450000	WTA 8 TN	B.148
1915480000	WTA 8 KO-TN	A.331
1916170000	PAD 16/4	B.262
1916170000	PAD 16/4	B.263
1916790000	PHP PNT 2.5/4 SO	B.264
1916790000	PHP PNT 2.5/4 SO	B.276
1919690000	PHP PNT16 SO	B.265
1919690000	PHP PNT16 SO	B.276
1919710000	PHP PNT 6/10 SO	B.264
1919710000	PHP PNT 6/10 SO	B.276

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1924460000	ZDK 2.5/3AN DU-PE	A.131
1924470000	ZDK 2.5/3AN PE	A.148
1924480000	ZDK 2.5/3AN V BL	A.130
1924490000	ZDK 2.5/3AN V	A.130
1924500000	ZDK 2.5/3AN BL	A.130
1924510000	ZDK 2.5/3AN	A.130
1924910000	ZAP/TW ZDK 2.5/3AN	A.130
1924910000	ZAP/TW ZDK 2.5/3AN	A.131
1924910000	ZAP/TW ZDK 2.5/3AN	A.148
1925030000	WTL 35/25TB	B.165
1925040000	WEW WTL 35	B.164
1925040000	WEW WTL 35	B.165
1925050000	WTL 35/15TB/WQV	B.165
1925060000	WTL 35/15TB	B.165
1925070000	WQS 2/16/5	B.164
1925070000	WQS 2/16/5	B.165

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1933700000	ZDU 2.5N	A.114
1933710000	ZDU 2.5N BL	A.114
1933720000	ZDU 2.5N/3AN	A.114
1933730000	ZDU 2.5N/3AN BL	A.114
1933740000	ZDU 2.5N/4AN	A.115
1933750000	ZDU 2.5N/4AN BL	A.115
1933760000	ZPE 2.5N	A.144
1933770000	ZPE 2.5N/3AN	A.144
1933780000	ZPE 2.5N/4AN	A.145
1933790000	ZAP/TW ZDU/ZPE 2.5N	A.114
1933790000	ZAP/TW ZDU/ZPE 2.5N	A.144
1933800000	ZAP/TW ZDU/ZPE 2.5N/3AN	A.114
1933800000	ZAP/TW ZDU/ZPE 2.5N/3AN	A.144
1933810000	ZAP/TW ZDU/ZPE 2.5N/4AN	A.115
1933810000	ZAP/TW ZDU/ZPE 2.5N/4AN	A.145
1934160000	ZAD 9/4	A.114
1934160000	ZAD 9/4	A.115
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1934790000	WTD 6/1 EN	B.156
1934800000	WTD 6/1 EN STB	B.156
1934810000	WTL 6/1 EN	B.154
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1934820000	WTL 6/1 EN STB	B.155
1934830000	WTD 6/1 EN	B.154
1934830000	WTD 6/1 EN	B.155
1936140000	WKS 2/2	B.154
1936140000	WKS 2/2	B.155
1936140000	WKS 2/2	B.156
1936140000	WKS 2/2	B.157
1936140000	WKS 2/2	B.159
1936150000	WKS 2/3	B.155
1936150000	WKS 2/3	B.156
1936150000	WKS 2/3	B.157
1936160000	WKS 2/4	B.155
1936160000	WKS 2/4	B.156
1936160000	WKS 2/4	B.157
1936240000	STB 21.6/45 GE	B.154
1936240000	STB 21.6/45 GE	B.155
1936240000	STB 21.6/45 GE	B.156
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1936240000	STB 21.6/45 GE	B.159
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1936250000	STB 21.6/45 GN	B.154
1936250000	STB 21.6/45 GN	B.155
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1936250000	STB 21.6/45 GN	B.159
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1936250000	STB 21.6/45 GN	B.162
1936260000	STB 21.6/45 VI	B.154
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1936280000	STB 21.6/45 GR	B.159
1936290000	STB 21.6/45 BL	B.155
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1936300000	STB 21.6/45 RT	B.159
1936790000	STB 21.6/45 DB	B.159
1938820000	WTL 6/1/STB/TNSC/EN	B.157

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1943600000	BLZP 5.08HC/04/180 SN OR BX	A.304
1943600000	BLZP 5.08HC/04/180 SN OR BX	A.305
1943620000	BLZP 5.08HC/06/180 SN OR BX	A.304
1943620000	BLZP 5.08HC/06/180 SN OR BX	A.305
1943640000	BLZP 5.08HC/08/180 SN OR BX	A.304
1943640000	BLZP 5.08HC/08/180 SN OR BX	A.305
1944110000	BLZP 5.08HC/04/180F SN OR BX	A.304
1944110000	BLZP 5.08HC/04/180F SN OR BX	A.305
1944130000	BLZP 5.08HC/06/180F SN OR BX	A.304
1944130000	BLZP 5.08HC/06/180F SN OR BX	A.305
1944150000	BLZP 5.08HC/08/180F SN OR BX	A.304
1944150000	BLZP 5.08HC/08/180F SN OR BX	A.305
1948000000	BLZP 5.08HC/02/90 SN OR BX	B.192
1948010000	BLZP 5.08HC/10/90 SN OR BX	B.192
1948020000	BLZP 5.08HC/04/90 SN OR BX	B.192
1948030000	BLZP 5.08HC/05/90 SN OR BX	B.192
1948040000	BLZP 5.08HC/06/90 SN OR BX	B.192
1948050000	BLZP 5.08HC/07/90 SN OR BX	B.192
1948060000	BLZP 5.08HC/08/90 SN OR BX	B.192
1948070000	BLZP 5.08HC/09/90 SN OR BX	B.192
1948080000	BLZP 5.08HC/10/90 SN OR BX	B.192
1948100000	BLZP 5.08HC/11/90 SN OR BX	B.192
1948110000	BLZP 5.08HC/12/90 SN OR BX	B.192
1948120000	BLZP 5.08HC/13/90 SN OR BX	B.192
1948130000	BLZP 5.08HC/14/90 SN OR BX	B.192
1948140000	BLZP 5.08HC/15/90 SN OR BX	B.192
1948150000	BLZP 5.08HC/16/90 SN OR BX	B.192
1948160000	BLZP 5.08HC/17/90 SN OR BX	B.192
1948170000	BLZP 5.08HC/18/90 SN OR BX	B.192
1948180000	BLZP 5.08HC/19/90 SN OR BX	B.192
1948190000	BLZP 5.08HC/20/90 SN OR BX	B.192
1948200000	BLZP 5.08HC/21/90 SN OR BX	B.192
1948210000	BLZP 5.08HC/22/90 SN OR BX	B.192
1948220000	BLZP 5.08HC/23/90 SN OR BX	B.192
1948230000	BLZP 5.08HC/24/90 SN OR BX	B.192
1949800000	BLZP 5.08HC/02/90F SN OR BX	B.193
1949810000	BLZP 5.08HC/03/90F SN OR BX	B.193
1949820000	BLZP 5.08HC/04/90F SN OR BX	B.193
1949830000	BLZP 5.08HC/05/90F SN OR BX	B.193
1949840000	BLZP 5.08HC/06/90F SN OR BX	B.193
1949850000	BLZP 5.08HC/07/90F SN OR BX	B.193
1949860000	BLZP 5.08HC/08/90F SN OR BX	B.193
1949870000	BLZP 5.08HC/09/90F SN OR BX	B.193
1949880000	BLZP 5.08HC/10/90F SN OR BX	B.193
1949890000	BLZP 5.08HC/11/90F SN OR BX	B.193
1949900000	BLZP 5.08HC/12/90F SN OR BX	B.193
1949910000	BLZP 5.08HC/13/90F SN OR BX	B.193
1949920000	BLZP 5.08HC/14/90F SN OR BX	B.193
1949930000	BLZP 5.08HC/15/90F SN OR BX	B.193
1949940000	BLZP 5.08HC/16/90F SN OR BX	B.193
1949950000	BLZP 5.08HC/17/90F SN OR BX	B.193
1949960000	BLZP 5.08HC/18/90F SN OR BX	B.193
1949970000	BLZP 5.08HC/19/90F SN OR BX	B.193
1949980000	BLZP 5.08HC/20/90F SN OR BX	B.193
1949990000	BLZP 5.08HC/21/90F SN OR BX	B.193

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1950010000	BLZP 5.08HC/22/90F SN OR BX	B.193
1950020000	BLZP 5.08HC/23/90F SN OR BX	B.193
1950030000	BLZP 5.08HC/24/90F SN OR BX	B.193
1951880000	WS 8/6 PLUS MC NE WS	A.240
1951880000	WS 8/6 PLUS MC NE WS	A.241
1951880000	WS 8/6 PLUS MC NE WS	B.245
1951880000	WS 8/6 PLUS MC NE WS	B.249
1951880000	WS 8/6 PLUS MC NE WS	B.254
1951880000	WS 8/6 PLUS MC NE WS	B.255
1957710000	WAP WTL6/1 EN	B.154
1957710000	WAP WTL6/1 EN	B.155
1957710000	WAP WTL6/1 EN	B.156
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1964820000	BFEL + BEMU WEW WTL 35	B.165
1964830000	WZAD 70N	A.231
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1966020000	WSI 25/1 10X38	A.269
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1966050000	WSI 25/1 CC	A.269
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1995800000	Z0V 1.5N/10 RD	B.173
1995810000	Z0V 1.5N/20 RD	A.84
1995820000	Z0V 1.5N/50 RD	A.84
1995830000	Z0V 6N/2 BL	A.85
1995830000	Z0V 6N/2 BL	B.248
1995840000	Z0V 6N/3 BL	A.85
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1998100000	AAP12 2.5 LI BL	B.105
1998130000	AAP11 6 LO BL	B.98
1998140000	AAP11 6 FE	B.98
1998160000	AAP11 1.5 LI RD	B.99
1998170000	AAP11 1.5 LI BL	B.99
1998180000	AAP12 10 LO BL	B.104
1998190000	AAP12 10 LO RD	B.104
1998200000	AAP12 10 FE	B.104
1998230000	AAP14 2.5 LHI	B.107
1998240000	AAP14 10 FE LO	B.106
1998250000	AAP14 10 LO LO	B.106
1998260000	AAP13 6 LO LO	B.100
1998270000	AAP13 6 FE LO	B.100
1998280000	AAP13 1.5 LHI	B.101
1998290000	AAP12 2.5 LI RD	B.105
1998300000	AEP AP12	B.104
1998300000	AEP AP12	B.105
1998320000	AEP AP11	B.98
1998320000	AEP AP11	B.99
1998340000	AEP AP14	B.106
1998340000	AEP AP14	B.107
1998780000	AAP11 6 LO RD	B.98
1998900000	ADT 2.5 2C	A.36
1998900000	ADT 2.5 2C	A.40
1998900000	ADT 2.5 2C	A.79
1998910000	ADT 2.5 2C BL	A.40
1998930000	ADT 2.5 3C	A.41
1998930000	ADT 2.5 3C	A.79
1998940000	ADT 2.5 3C BL	A.41
1998960000	ADT 2.5 4C	A.42
1998960000	ADT 2.5 4C	A.79
1998970000	ADT 2.5 4C BL	A.42
1998980000	A2C 2.5 PE /DT/FS	A.36
1998980000	A2C 2.5 PE /DT/FS	A.41
1998980000	A2C 2.5 PE /DT/FS	A.79
1998990000	A2C 2.5 /DT/FS	A.36
1998990000	A2C 2.5 /DT/FS	A.41
1998990000	A2C 2.5 /DT/FS	A.79
1998910000	A2C 2.5 /DT/FS BL	A.41
1998930000	ADT 2.5 2C W/O DTLV	A.40
1998940000	ADT 2.5 3C W/O DTLV	A.42
1998950000	ADT 2.5 4C W/O DTLV	A.43
1998970000	AEP DT 2.5 3C	A.41
1998970000	AEP DT 2.5 3C	A.42
1998980000	AEP DT 2.5 4C	A.42
1998980000	AEP DT 2.5 4C	A.43

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1990140000	AEP AP13	B.100
1990140000	AEP AP13	B.101
1991780000	AL0 6	A.11
1991790000	A2C 6 BL	A.10
1991790000	A2C 6 BL	A.90
1991800000	A2C 6 OR	A.90
1991810000	A2C 6 PE	A.29
1991810000	A2C 6 PE	A.79
1991820000	A3C 6	A.10
1991820000	A3C 6	A.79
1991820000	A3C 6	A.90
1991830000	A3C 6 BL	A.10
1991830000	A3C 6 BL	A.90
1991840000	A3C 6 OR	A.90
1991850000	A3C 6 PE	A.30
1991850000	A3C 6 PE	A.79
1991860000	ATPG 4 MI-R	A.8
1991860000	ATPG 4 MI-R	A.9
1991860000	ATPG 4 MI-R	A.21
1991860000	ATPG 4 MI-R	A.22
1991860000	ATPG 4 MI-R	A.28
1991860000	ATPG 4 MI-R	A.29
1991860000	ATPG 4 MI-R	A.34
1991860000	ATPG 4 MI-R	A.43
1991860000	ATPG 4 MI-R	A.87
1991860000	ATPG 4 MI-R	B.221
1991860000	ATPG 4 MI-R	B.254
1991860000	ATPG 4 MI-R	B.255
1991870000	ATPG 10 MI-R	A.12
1991870000	ATPG 10 MI-R	A.87
1991880000	ATPG 1.5 MI-R	A.6
1991880000	ATPG 1.5 MI-R	A.7
1991880000	ATPG 1.5 MI-R	A.16
1991880000	ATPG 1.5 MI-R	A.17
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1991880000	ATPG 1.5 MI-R	A.27
1991880000	ATPG 1.5 MI-R	A.33
1991880000	ATPG 1.5 MI-R	A.87

1991880000	ATPG 1.5 MI-R	B.172
1991880000	ATPG 1.5 MI-R	B.173
1991880000	ATPG 1.5 MI-R	B.261
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1991890000	ATPG 1.5-10 L	B.261
1991910000	AEP 3C 6 BL	A.10
1991920000	AEB 35 SC/I	A.6
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1991920000	AEB 35 SC/I	A.16
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1991920000	AEB 35 SC/I	A.26
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1991920000	AEB 35 SC/I	B.10
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1991920000	AEB 35 SC/I	B.16
1991920000	AEB 35 SC/I	B.17
1991920000	AEB 35 SC/I	B.18
1991920000	AEB 35 SC/I	B.19
1991920000	AEB 35 SC/I	B.20
1991920000	AEB 35 SC/I	B.22
1991920000	AEB 35 SC/I	B.50
1991920000	AEB 35 SC/I	B.52
1991920000	AEB 35 SC/I	B.54
1991920000	AEB 35 SC/I	B.55
1991920000	AEB 35 SC/I	B.58
1991920000	AEB 35 SC/I	B.60
1991920000	AEB 35 SC/I	B.62
1991920000	AEB 35 SC/I	B.64
1991920000	AEB 35 SC/I	B.65
1991920000	AEB 35 SC/I	B.68
1991920000	AEB 35 SC/I	B.69
1991920000	AEB 35 SC/I	B.72
1991920000	AEB 35 SC/I	B.74
1991920000	AEB 35 SC/I	B.76
1991920000	AEB 35 SC/I	B.77
1991920000	AEB 35 SC/I	B.78
1991920000	AEB 35 SC/I	B.80
1991920000	AEB 35 SC/I	B.82
1991920000	AEB 35 SC/I	B.90
1991920000	AEB 35 SC/I	B.98
1991920000	AEB 35 SC/I	B.99
1991920000	AEB 35 SC/I	B.100
1991920000	AEB 35 SC/I	B.101
1991920000	AEB 35 SC/I	B.102
1991920000	AEB 35 SC/I	B.103
1991920000	AEB 35 SC/I	B.104
1991920000	AEB 35 SC/I	B.105
1991920000	AEB 35 SC/I	B.106
1991920000	AEB 35 SC/I	B.107
1991920000	AEB 35 SC/I	B.108
1991920000	AEB 35 SC/I	B.109
1991920000	AEB 35 SC/I	B.110
1991920000	AEB 35 SC/I	B.111
1991920000	AEB 35 SC/I	B.112
1991920000	AEB 35 SC/I	B.114
1991920000	AEB 35 SC/I	B.115
1991920000	AEB 35 SC/I	B.168
1991920000	AEB 35 SC/I	B.169
1991920000	AEB 35 SC/I	B.172
1991920000	AEB 35 SC/I	B.173
1991920000	AEB 35 SC/I	B.220
1991920000	AEB 35 SC/I	B.221
1991920000	AEB 35 SC/I	B.224
1991920000	AEB 35 SC/I	B.225
1991920000	AEB 35 SC/I	B.261
1991930000	ATPG 6 MI-R	A.10
1991930000	ATPG 6 MI-R	A.29
1991930000	ATPG 6 MI-R	A.30
1991930000	ATPG 6 MI-R	A.87
1991930000	ATPG 6 MI-R	B.221
1991930000	ATPG 6 MI-R	B.244
1991930000	ATPG 6 MI-R	B.246
1991930000	ATPG 6 MI-R	B.248
1991940000	AEP 3C 6	A.10
1991940000	AEP 3C 6	A.30

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1991960000	ATPG 2.5 MI-R	A.8
1991960000	ATPG 2.5 MI-R	A.18
1991960000	ATPG 2.5 MI-R	A.19
1991960000	ATPG 2.5 MI-R	A.20
1991960000	ATPG 2.5 MI-R	A.21
1991960000	ATPG 2.5 MI-R	A.23
1991960000	ATPG 2.5 MI-R	A.24
1991960000	ATPG 2.5 MI-R	A.27
1991960000	ATPG 2.5 MI-R	A.28
1991960000	ATPG 2.5 MI-R	A.29
1991960000	ATPG 2.5 MI-R	A.33
1991960000	ATPG 2.5 MI-R	A.34
1991960000	ATPG 2.5 MI-R	A.35
1991960000	ATPG 2.5 MI-R	A.40
1991960000	ATPG 2.5 MI-R	A.41
1991960000	ATPG 2.5 MI-R	A.42
1991960000	ATPG 2.5 MI-R	A.43
1991960000	ATPG 2.5 MI-R	A.46
1991960000	ATPG 2.5 MI-R	A.76
1991960000	ATPG 2.5 MI-R	A.87
1991960000	ATPG 2.5 MI-R	B.220
1991960000	ATPG 2.5 MI-R	B.244
1991960000	ATPG 2.5 MI-R	B.246
1991960000	ATPG 2.5 MI-R	B.248
1991960000	ATPG 2.5 MI-R	B.250
1991960000	ATPG 2.5 MI-R	B.251
1991960000	ATPG 2.5 MI-R	B.252
1991960000	ATPG 2.5 MI-R	B.253
1991960000	ATPG 2.5 MI-R	B.256
1991960000	ATPG 2.5 MI-R	B.257
1991960000	ATPG 2.5 MI-R	B.258
1991960000	ATPG 2.5 MI-R	B.259
1991970000	AEP 2C 6	A.10
1991970000	AEP 2C 6	A.29
1991970000	AEP 2C 6	B.221
1992110000	A2C 6	A.10
1992110000	A2C 6	A.79
1992110000	A2C 6	A.90
1992220000	AI023 1.5 SI	B.173
1992230000	AI022 1.5 SI-PE	A.79
1992230000	AI022 1.5 SI-PE	B.173
1992240000	AI021 1.5 SO	A.79
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1992250000	AI021 1.5 SO-PE	A.79
1992250000	AI021 1.5 SO-PE	B.173
1992260000	AI021 1.5 SI	A.79
1992260000	AI021 1.5 SI	B.172
1993580000	AEP I021	B.172
1993580000	AEP I021	B.173
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2041180000	ATPG 2.5/5	A.8
2041180000	ATPG 2.5/5	A.18
2041180000	ATPG 2.5/5	A.19
2041180000	ATPG 2.5/5	A.20
2041180000	ATPG 2.5/5	A.21
2041180000	ATPG 2.5/5	A.23
2041180000	ATPG 2.5/5	A.24
2041180000	ATPG 2.5/5	A.27
2041180000	ATPG 2.5/5	A.28
2041180000	ATPG 2.5/5	A.40
2041180000	ATPG 2.5/5	A.41
2041180000	ATPG 2.5/5	A.42
2041180000	ATPG 2.5/5	A.43
2041180000	ATPG 2.5/5	A.76
2041180000	ATPG 2.5/5	A.87
2041180000	ATPG 2.5/5	B.220
2041180000	ATPG 2.5/5	B.244
2041180000	ATPG 2.5/5	B.248
2041180000	ATPG 2.5/5	B.250
2041180000	ATPG 2.5/5	B.251
2041180000	ATPG 2.5/5	B.252
2041180000	ATPG 2.5/5	B.253
2041190000	ATPG 2.5/3	A.7
2041190000	ATPG 2.5/3	A.8
2041190000	ATPG 2.5/3	A.18
2041190000	ATPG 2.5/3	A.19
2041190000	ATPG 2.5/3	A.20
2041190000	ATPG 2.5/3	A.21
2041190000	ATPG 2.5/3	A.23
2041190000	ATPG 2.5/3	A.24
2041190000	ATPG 2.5/3	A.27
2041190000	ATPG 2.5/3	A.28
2041190000	ATPG 2.5/3	A.41
2041190000	ATPG 2.5/3	A.44
2041190000	ATPG 2.5/3	A.42
2041190000	ATPG 2.5/3	A.43
2041190000	ATPG 2.5/3	A.76
2041190000	ATPG 2.5/3	A.87
2041190000	ATPG 2.5/3	B.220
2041190000	ATPG 2.5/3	B.244
2041190000	ATPG 2.5/3	B.248
2041190000	ATPG 2.5/3	B.250
2041190000	ATPG 2.5/3	B.251
2041190000	ATPG 2.5/3	B.252
2041190000	ATPG 2.5/3	B.253

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2051180000	A2C 4	A.79
2051180000	A2C 4	A.90
2051210000	A2C 4 BL	A.8
2051210000	A2C 4 BL	A.90
2051220000	A2C 4 RD	A.90
2051230000	A2C 4 OR	A.90
2051240000	A3C 4	A.9
2051240000	A3C 4	A.37
2051240000	A3C 4	A.38
2051240000	A3C 4	A.79
2051240000	A3C 4	A.90
2051250000	A2C 4 YL	A.90
2051260000	A2C 4 GN	A.90
2051280000	A3C 4 BL	A.9
2051280000	A3C 4 BL	A.90
2051290000	A2C 4 WT	A.90
2051300000	A3C 4 RD	A.90
2051310000	A2C 4 BK	A.90
2051320000	A3C 4 OR	A.90
2051330000	A2C 4 LTGY	A.90
2051340000	A3C 4 YL	A.90
2051350000	A3C 4 GN	A.90
2051360000	A2C 4 PE	A.28
2051360000	A2C 4 PE	A.79
2051370000	A3C 4 WT	A.90
2051400000	A3C 4 BK	A.90
2051410000	A3C 4 PE	A.29
2051410000	A3C 4 PE	A.37
2051410000	A3C 4 PE	A.38
2051410000	A3C 4 PE	A.79
2051460000	A3C 4 LTGY	A.90
2051500000	A4C 4	A.9
2051500000	A4C 4	A.79
2051500000	A4C 4	A.90
2051520000	A4C 4 BL	A.9
2051520000	A4C 4 BL	A.90
2051530000	A4C 4 RD	A.90
2051540000	A4C 4 OR	A.90
2051550000	A4C 4 YL	A.90
2051560000	A4C 4 PE	A.29
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2051580000	A4C 4 GN	A.90

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2051670000	A4C 4 LTGY	A.90
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2051680000	AEP 2C 4	A.28
2051680000	AEP 2C 4	A.56
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2051690000	AEP 2C 4 BL	A.8
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2051720000	AEP 3C 4	A.9
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2051720000	AEP 3C 4	A.57
2051800000	AEP 3C 4 BL	A.9
2051800000	AEP 3C 4 BL	A.57
2051900000	AEP 4C 4	A.9
2051900000	AEP 4C 4	A.29
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2051910000	AEP 4C 4 BL	A.9
2051910000	AEP 4C 4 BL	A.43

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2080500000	AMG ELM-6F	B.121
2080600000	AMG ELM-8F	B.121
2080650000	AMG ELM-10F	B.121
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2082000000	AMG ELM-6 EX	B.121
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2108470000	Z0V 2.5N/2 RD	B.105
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2108470000	Z0V 2.5N/2 RD	B.109
2108690000	Z0V 2.5N/3 RD	A.84
2108690000	Z0V 2.5N/3 RD	A.320
2108700000	Z0V 2.5N/4 RD	A.84
2108700000	Z0V 2.5N/4 RD	A.320
2108710000	Z0V 2.5N/5 RD	A.84
2108710000	Z0V 2.5N/5 RD	A.320
2108720000	Z0V 2.5N/6 RD	A.84
2108720000	Z0V 2.5N/6 RD	A.320
2108810000	Z0V 2.5N/7 RD	A.84
2108810000	Z0V 2.5N/7 RD	A.320
2108870000	Z0V 2.5N/8 RD	A.84
2108870000	Z0V 2.5N/8 RD	A.320
2108900000	Z0V 2.5N/9 RD	A.84
2108900000	Z0V 2.5N/9 RD	A.320
2108910000	Z0V 2.5N/10 RD	A.84
2108910000	Z0V 2.5N/10 RD	A.320
2108910000	Z0V 2.5N/10 RD	B.104
2108910000	Z0V 2.5N/10 RD	B.105
2108910000	Z0V 2.5N/10 RD	B.106
2108910000	Z0V 2.5N/10 RD	B.107
2108910000	Z0V 2.5N/10 RD	B.108
2108910000	Z0V 2.5N/10 RD	B.109
2108920000	Z0V 2.5N/20 RD	A.84
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2109000000	Z0V 2.5N/50 RD	A.84

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2428560000	AEP 3T 2.5	A.23
2428560000	AEP 3T 2.5	A.24
2428560000	AEP 3T 2.5	A.35
2428560000	AEP 3T 2.5	A.36
2428560000	AEP 3T 2.5 BL	A.23
2428560000	AEP 3T 2.5 BL	A.18
2428560000	AEP 3T 2.5 BL	A.23
2428560000	AEP 3T 2.5 BL	A.24
2428910000	AAP21 10 LO RD	B.110
2428920000	AAP21 10 FE	B.110
2428930000	AAP21 4 LI RD	B.111
2428940000	AAP21 10 LO BL	B.110
2428950000	AAP21 4 FS	B.112
2428960000	AAP21 4 LI BL	B.111
2428980000	AAP21 4 DT	B.112
2428990000	AAP22 10 LO-LD	B.114
2429000000	AAP22 10 FE-LD	B.114
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2429860000	AFS 4 2C BK	A.37
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2429870000	AFS 4 2C 10-36V BK	A.37
2429880000	ADT 4 2C BL	A.43

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2434340000	AMC 2.5	A.25
2434340000	AMC 2.5	B.90
2434350000	AFS 4 2C 30-70V BK	A.37
2434370000	AMC 2.5 800V	A.25
2434370000	AMC 2.5 800V	B.90
2434380000	AFS 4 2C 60-150V BK	A.37
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2436400000	WTR 4/ZR/0.TNHE	A.283
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2448860000	DEKA 5/8 MM WS	A.30
2448860000	DEKA 5/8 MM WS	B.98
2448860000	DEKA 5/8 MM WS	B.99
2448860000	DEKA 5/8 MM WS	B.100
2448860000	DEKA 5/8 MM WS	B.101
2448860000	DEKA 5/8 MM WS	B.221
2448930000	WS-A 8/8 MM WS	A.10
2448930000	WS-A 8/8 MM WS	A.29
2448930000	WS-A 8/8 MM WS	A.30
2448930000	WS-A 8/8 MM WS	B.98
2448930000	WS-A 8/8 MM WS	B.99
2448930000	WS-A 8/8 MM WS	B.100
2448930000	WS-A 8/8 MM WS	B.101
2448930000	WS-A 8/8 MM WS	B.221
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2482180000	APGTB 1.5 FT 3C/1	A.79
2482190000	APGTB 1.5 FT 3C/1 BL	A.49
2482200000	APGTB 1.5 FT 4C/2	A.49
2482200000	APGTB 1.5 FT 4C/2	A.79
2482210000	APGTB 1.5 FT 4C/2 BL	A.49
2482220000	APGTB 1.5 PE 2C/1	A.48
2482220000	APGTB 1.5 PE 2C/1	A.79
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2482240000	APGTB 1.5 PE 4C/2	A.50
2482240000	APGTB 1.5 PE 4C/2	A.79
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2482250000	APG 1.5 L	A.49
2482250000	APG 1.5 L	A.50
2482250000	APG 1.5 L	A.51
2482250000	APG 1.5 L	A.62
2482260000	APG 1.5 L BL	A.62
2482270000	APG 1.5 L GN	A.62
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2482280000	APG 1.5 MI	A.50
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2482330000	APG 1.5 R GN	A.62
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2482440000	APG 1.5/5-3BG-BL-GN	A.60
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2482460000	APG 1.5/3-BG-BL-GN	A.60
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2482510000	AEP PGTB 1.5 4C/2	A.50
2482520000	AEP PGTB 1.5 4C/2 BL	A.49
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2482720000	APGLE 1.5	A.60
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2482730000	APGSR 1.5	A.60
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2482740000	APGSR 1.5 -4P	A.62
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2534360000	A3C 4 DBL	A.90
2534370000	A2C 4 BR	A.90
2534380000	A2C 4 DBL	A.90
2534390000	A4C 4 BR	A.90
2534400000	A4C 4 DBL	A.90
2534410000	A4C 1.5 GN	A.90
2534420000	A4C 1.5 LTGY	A.90
2534430000	A4C 1.5 RD	A.90
2534440000	A4C 1.5 WT	A.90
2534450000	A4C 1.5 YL	A.90
2534460000	A4C 1.5 BR	A.90
2534470000	A4C 1.5 DBL	A.90
2534480000	A3C 1.5 GN	A.90
2534490000	A3C 1.5 LTGY	A.90
2534500000	A3C 1.5 RD	A.90
2534510000	A3C 1.5 WT	A.90
2534520000	A3C 1.5 YL	A.90
2534530000	A3C 1.5 BR	A.90
2534540000	A3C 1.5 DBL	A.90
2534690000	A3C 2.5 DBL	A.90
2534730000	A3C 2.5 BR	A.90
2534740000	A4C 2.5 DBL	A.90
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2540010000	AEP 2T 4 BL	A.59
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2581700000	AAP21 4 LI OR	B.111
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2583090000	AAC 35 2X6	B.11
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2583170000	AAC 35 2X6 BL	B.8
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2583170000	AAC 35 2X6 BL	B.10
2583170000	AAC 35 2X6 BL	B.11
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2583180000	AAC 35 2X6 GN-YL	B.12
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2603800000	WPD 111 1X95/4X35 BL	B.80
2603810000	WPD 110 1X70+1X35/6X16 GY	B.52
2603820000	WPD 110 1X70+1X35/6X16 BL	B.52
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2615000000	SEP SRL 4	A.338
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2615100000	SDV 6/4	A.338
2615110000	SOB 3/2	A.337
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2615130000	SOB 3/4	A.337
2615140000	SOB 4/2	A.337
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2615240000	SRQB 4/4	A.337
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2634950000	Z0V 35N/2	B.10
2634950000	Z0V 35N/2	B.11
2634950000	Z0V 35N/2	B.12
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2635600000	AAM 35-185 YE FLASH	B.9
2635600000	AAM 35-185 YE FLASH	B.10
2635600000	AAM 35-185 YE FLASH	B.11
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2657780000	G-1L-106/16	C.25
2657790000	G-1L-160/10	C.25
2657800000	G-1L-160/16	C.25
2657810000	G-1L-210/10	C.25
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2657920000	G-1L-27-1000/16	C.25
2657930000	S-1L-106/10	C.26
2657940000	S-1L-106/16	C.26
2657950000	S-1L-160/10	C.26
2657960000	S-1L-160/16	C.26
2657970000	S-1L-210/10	C.26
2657980000	S-1L-210/16	C.26
2657990000	S-1L-268/10	C.26
2658000000	S-1L-268/16	C.26
2658010000	S-1L-320/10	C.26
2658020000	S-1L-320/16	C.26
2658030000	S-1L-1000/10	C.26
2658040000	S-1L-1000/16	C.26
2658050000	S-1L-9-1000/10	C.26
2658060000	S-1L-9-1000/16	C.26
2658070000	S-1L-27-1000/10	C.26
2658080000	S-1L-27-1000/16	C.26
2658090000	G-2L-106/10	C.27
2658100000	G-2L-106/16	C.27
2658110000	G-2L-210/10	C.27
2658120000	G-2L-210/16	C.27
2658130000	G-2L-320/10	C.27
2658140000	G-2L-320/16	C.27
2658150000	G-2L-1000/10	C.27
2658160000	G-2L-1000/16	C.27
2658170000	G-2L-9-1000/10	C.27
2658180000	G-2L-9-1000/16	C.27
2658190000	G-2L-27-1000/10	C.27
2658200000	G-2L-27-1000/16	C.27
2658210000	S-2L-106/10	C.28
2658220000	S-2L-106/16	C.28
2658230000	S-2L-210/10	C.28
2658240000	S-2L-210/16	C.28
2658250000	S-2L-320/10	C.28
2658260000	S-2L-320/16	C.28
2658270000	S-2L-1000/10	C.28
2658280000	S-2L-1000/16	C.28
2658290000	S-2L-9-1000/10	C.28
2658300000	S-2L-9-1000/16	C.28
2658310000	S-2L-27-1000/10	C.28
2658320000	S-2L-27-1000/16	C.28
2658330000	G-3L-106/10 C	C.29
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2658380000	G-3L-210/16 C	C.29
2658390000	G-3L-268/10 C	C.29
2658400000	G-3L-268/16 C	C.29
2658410000	G-3L-320/10 C	C.29
2658420000	G-3L-320/16 C	C.29
2658430000	G-3L-375/10 C	C.29
2658440000	G-3L-375/16 C	C.29
2658450000	G-3L-1000/10 C	C.29
2658460000	G-3L-1000/16 C	C.29
2658470000	G-3L+9-1000/10 C	C.29
2658480000	G-3L+9-1000/16 C	C.29
2658490000	G-3L-27-1000/10	C.29
2658500000	G-3L-27-1000/16	C.29
2658510000	S-3L-106/10	C.30
2658520000	S-3L-106/16	C.30
2658530000	S-3L-160/10	C.30
2658540000	S-3L-160/16	C.30
2658550000	S-3L-210/10	C.30
2658560000	S-3L-210/16	C.30
2658570000	S-3L-268/10	C.30
2658580000	S-3L-268/16	C.30
2658590000	S-3L-320/10	C.30
2658600000	S-3L-320/16	C.30
2658610000	S-3L-375/10	C.30
2658620000	S-3L-375/16	C.30
2658630000	S-3L-1000/10	C.30
2658640000	S-3L-1000/16	C.30
2658650000	S-3L+9-1000/10	C.30
2658660000	S-3L+9-1000/16	C.30
2658670000	S-3L-27-1000/10	C.30
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2658710000	G-4L-210/10 C	C.31
2658720000	G-4L-210/16 C	C.31
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2658750000	G-4L-1000/10 C	C.31
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2658810000	G-1L-N+9-2L+N+9-3L+N-9-1000/10 C	C.31
2658820000	G-1L-N+9-2L+N+9-3L+N-9-1000/16 C	C.31
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2658870000	S-4L-285/10	C.32
2658880000	S-4L-285/16	C.32
2658890000	S-4L-1000/10	C.32
2658900000	S-4L-1000/16	C.32
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2659000000	END CAP G+S 3L/10	C.30
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2690470000	A4C 2.5 FE	B.219
2690470000	A4C 2.5 FE	B.220
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2694070000	A2C 95/120 BL	A.15
2694070000	A2C 95/120 BL	B.18
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2694090000	A2C 95/120 PE	A.33
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2694100000	A2C 95/120 3FT-N FE	B.20
2694120000	A2C 95/120 3FT-N	B.20
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2704360000	A2T 2.5 EM2 D/0	A.66
2704370000	A2T 2.5 EM1 D/1	A.67
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2710100000	WTTB 6 PE	B.132
2710100000	WTTB 6 PE	B.133
2710100000	WTTB 6 PE	B.134
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2710210000	SCCB TTb 6/4	B.130
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2710210000	SCCB TTb 6/4	B.133
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2710300000	LL TTb 6/2	B.130
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2710300000	LL TTb 6/2	B.132
2710300000	LL TTb 6/2	B.133
2710300000	LL TTb 6/2	B.134
2710300000	LL TTb 6/2	B.135
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2710370000	LL TTb 6/2 CM	B.131
2710370000	LL TTb 6/2 CM	B.132
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2710440000	LL TTb 6/3	B.134
2710440000	LL TTb 6/3	B.136
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2725270000	WPD 109 1X185/2X35+3X25+4X16 RD	B.78
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2725290000	WPD 204 2X25/4X16+6X10 2XRD	B.64
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2725320000	WPD 205 2X35/4X25+6X16 2XRD	B.68
2725330000	WPD 305 3X35/6X25+9X16 3XRD	B.69
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2725360000	WPD 104 1X25+1X16/2X16+3X10 BK	B.64
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2725410000	WPD 105 1X35+1X16/2X25+3X16 BK	B.68
2725420000	WPD 205 2X35/4X25+6X16 2XBK	B.68
2725430000	WPD 305 3X35/6X25+9X16 3XBK	B.69
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2725450000	WPD 107 1X95/2X35+8X25 BK	B.74
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2726100000	LL TTb 6/3 CM	B.132
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2726100000	LL TTb 6/3 CM	B.136
2726110000	LL TTb 6/4 CM	B.130
2726110000	LL TTb 6/4 CM	B.132
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2730320000	WPD 111 1X95/4X35 BK	B.80
2730350000	WPD 113 1X185+1X150/8X35 RD	B.82
2730360000	WPD 113 1X185+1X150/8X35 BK	B.82
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2732600000	W0K 2.5V Z0V 0R	A.237
2733950000	Z0V 6N/6	A.85
2733950000	Z0V 6N/6	B.130
2733950000	Z0V 6N/6	B.131
2733950000	Z0V 6N/6	B.132
2733950000	Z0V 6N/6	B.133
2733950000	Z0V 6N/6	B.134
2733950000	Z0V 6N/6	B.135
2733960000	Z0V 6N/6	B.137
2733960000	Z0V 6N/7	A.85
2733960000	Z0V 6N/7	B.130
2733960000	Z0V 6N/7	B.131
2733960000	Z0V 6N/7	B.132
2733960000	Z0V 6N/7	B.133
2733960000	Z0V 6N/7	B.134
2733960000	Z0V 6N/7	B.135
2733970000	Z0V 6N/10	A.85
2733970000	Z0V 6N/10	B.130
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2734170000	A2C 10 FE	B.221
2735950000	A2C 35 PE DL	A.77
2736830000	A2T 2.5 3C N-FT	A.20
2739600000	W0K 2.5V Z0V	A.237
2739610000	W0K 2.5V Z0V BL	A.237

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2742050000	AMC 2.5 800V DL	A.77
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2742090000	A2C 50/70 DL	A.77
2742100000	A2C 50/70 FE DL	A.77
2742110000	A2C 50/70 PE DL	A.77
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2743180000	ST 4000/S M8 F	A.358
2743190000	ST 4000/S M10 F	A.358
2743200000	ST 4000/L M12 F	A.359
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7921600000	SIHA 3/G20/LD 140-250V	A.281
7921600000	SIHA 3/G20/LD 140-250V	A.282
7921600000	SIHA 3/G20/LD 140-250V	A.283
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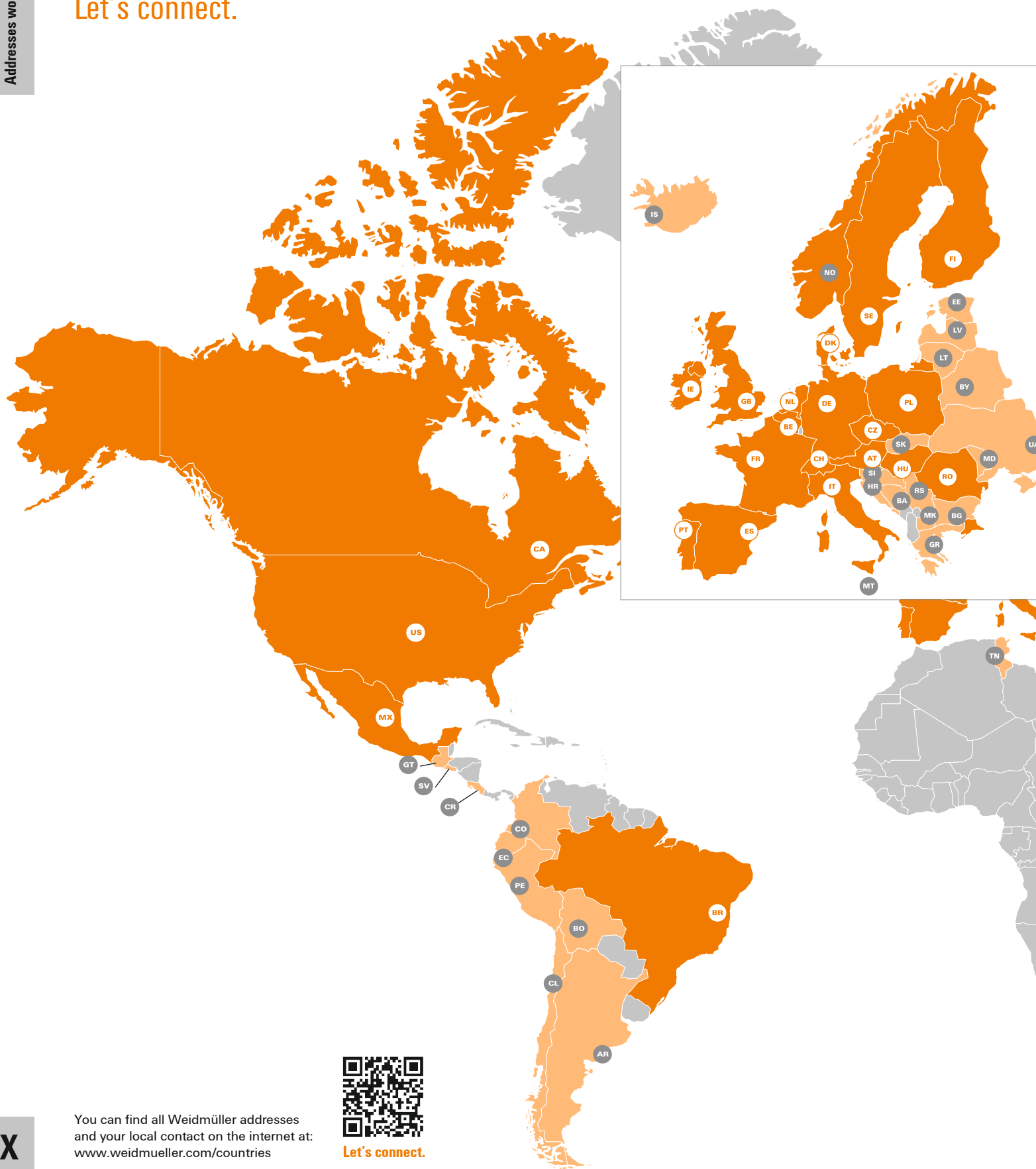
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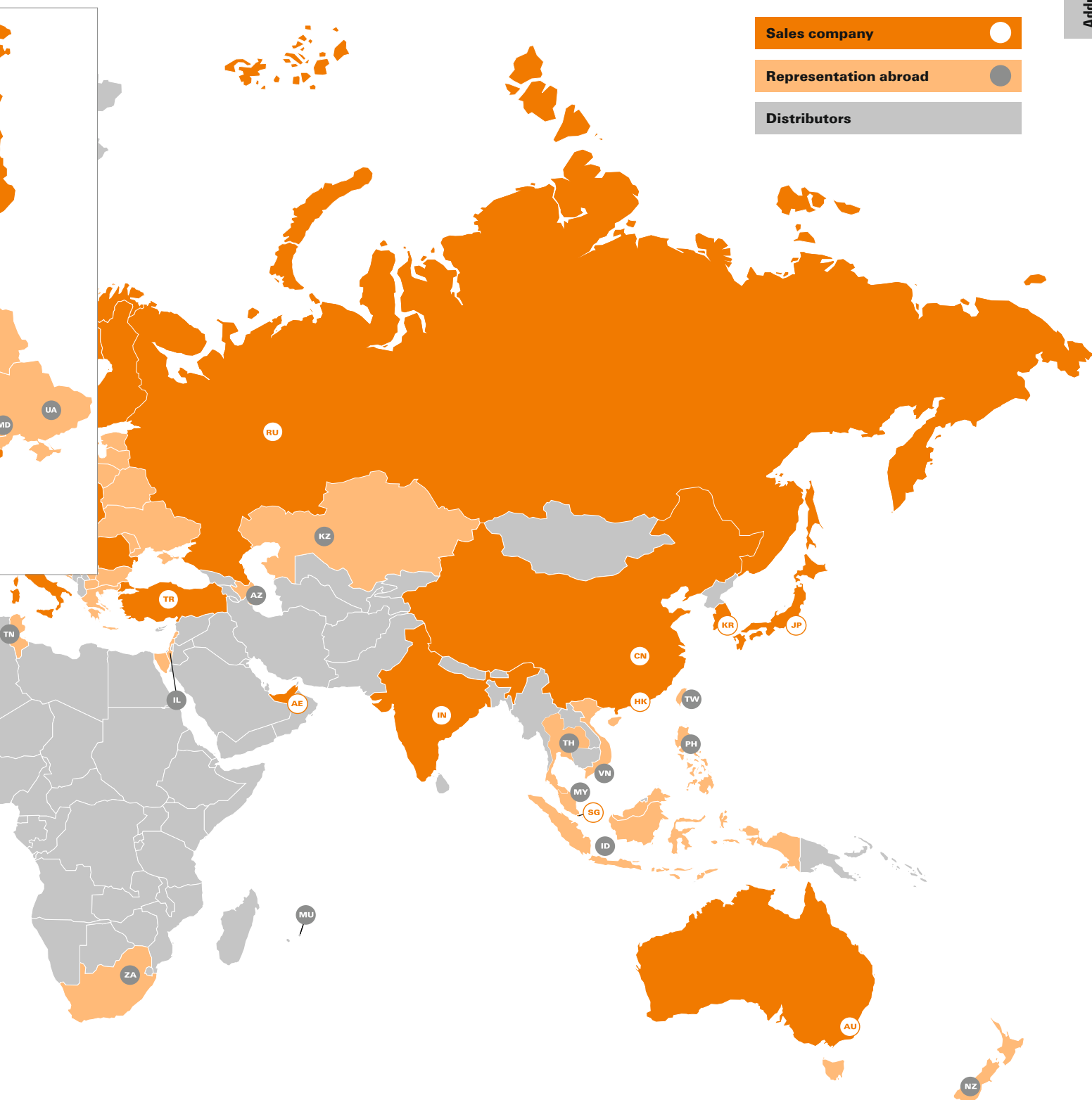
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