

You're striving towards new solutions
We're presenting the best connections of 2019
Let's connect.



Weidmüller 

Practical connectivity for your industry

Our Industrial Connectivity innovations

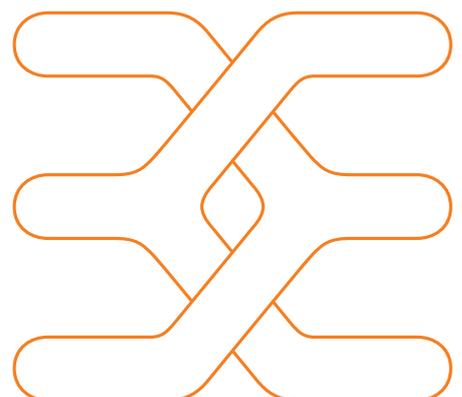
“When creating our innovations, we never lose sight of your future requirements. This is how we shape the industrial connectivity market over the long term.”

Get to know OMNIMATE® PCB terminal blocks and connectors – our ingenious solution for connections in power electronics. They are smaller, more powerful and less expensive than conventional products, while minimising losses during the transmission of high currents to the printed circuit board. For a stable connection with safe and comfortable handling.

Experience how our modular workplace and cable assembly solutions can also make your switchgear cabinet construction more efficient and how your planned projects can be implemented easily and flexibly. Discover our novelties in the field of connection technology, which enables you to flexibly and efficiently set up the infrastructure required in an industrial environment. In the context of the constantly increasing digitalization, there is also the need for ever more effective surge protection solutions, which are setting new standards, especially in the area of securing infrastructure for intelligent devices and systems.

Let yourself be inspired by our complete automation solutions, which paves the way for you into the Internet of Things. The future-proof combination of high-end automation hardware with well thought-out digitalisation solutions as well as innovative engineering and visualisation tools enables you to intelligently link all process levels from the sensor to the to the cloud. In this way you create your digital basis for more efficient production concepts.

Let's connect.



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Let's connect.

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Distribute energy reliably and efficiently

Klippon® Connect 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.

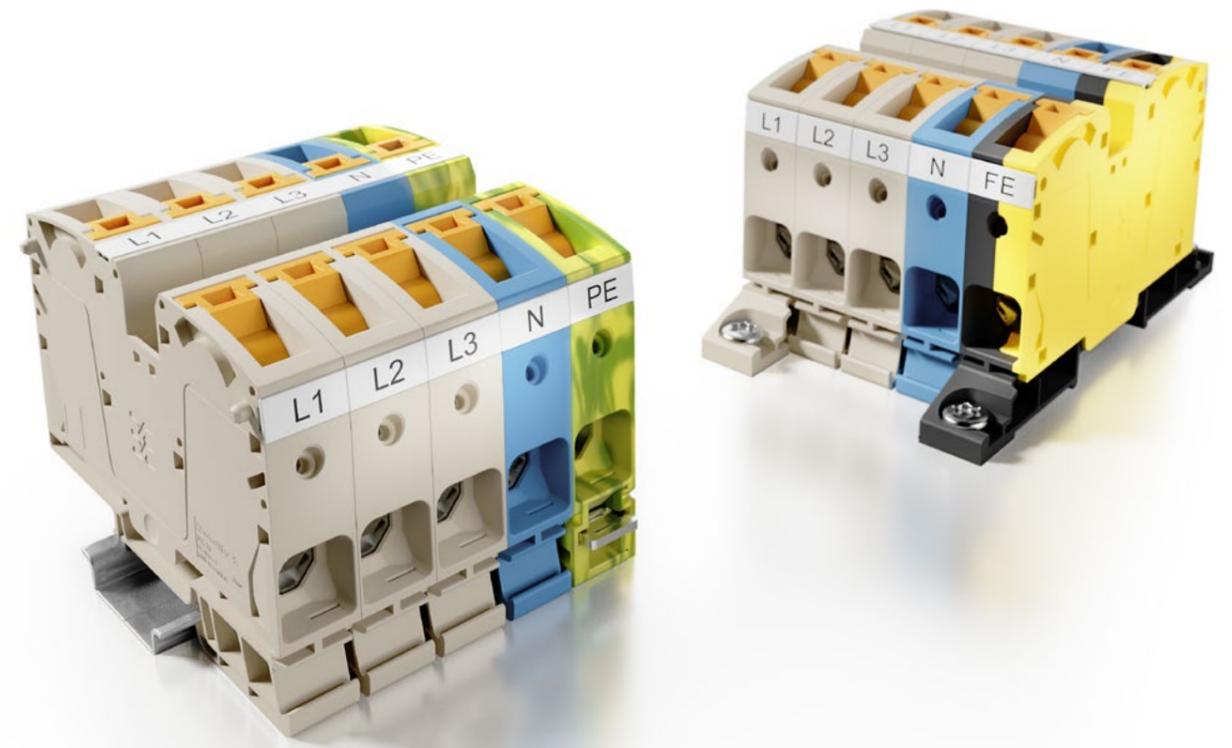
Our new A2C 35 high-current terminal blocks meet these requirements. The PUSH IN-Power connection and many other features enable safe and efficient wiring. They are available in a wide range of variants, including for the DIN rail, for direct mounting on mounting plates, and pre-assembled blocks for different network systems.

Your special advantages

- Pre-assembled feed-in blocks
- Standardised testing point
- Additional connection for emergency power supply

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour code	Order No.	Qty.
A2C 35	1000 V	125 A	2.5...35 mm ²	dark beige	2551510000	10
A2C 35 BL	1000 V	125 A	2.5...35 mm ²	blue	2552090000	10
A2C 35 PE	1000 V	125 A	2.5...35 mm ²	Green/yellow	2551520000	10
A2C 35 3FT	1000 V	125 A	2.5...35 mm ²	dark beige	2552100000	1
A2C 35 3FT-N	1000 V	125 A	2.5...35 mm ²	blue, dark beige	2552130000	1
A2C 35 3FT-FE	1000 V	125 A	2.5...35 mm ²	dark beige, black, yellow	2552110000	1
A2C 35 3FT-PE	1000 V	125 A	2.5...35 mm ²	dark beige, Green/yellow	2552120000	1
A2C 35 3FT-NFE	1000 V	125 A	2.5...35 mm ²	dark beige, black, yellow, blue	2552140000	1
A2C 35 3FT-N-PE	1000 V	125 A	2.5...35 mm ²	dark beige, blue, Green/yellow	2551540000	1
A2C 35 DM	1000 V	125 A	2.5...35 mm ²	dark beige	2551550000	10
A2C 35 BL DM	1000 V	125 A	2.5...35 mm ²	blue	2552150000	10
A2C 35 FE DM	1000 V	125 A	2.5...35 mm ²	black, yellow	2552160000	10
A2C 35 3FT DM	1000 V	125 A	2.5...35 mm ²	dark beige	2552170000	1
A2C 35 3FT-N DM	1000 V	125 A	2.5...35 mm ²	dark beige, blue	2552190000	1
A2C 35 3FT-FE DM	1000 V	125 A	2.5...35 mm ²	black, yellow, dark beige	2552180000	1
A2C 35 3FT-N-PE DM	1000 V	125 A	2.5...35 mm ²	dark beige, blue, black, yellow	2552200000	1
Accessories						
AAC 35 2X6	1000 V	125 A	0.5...6 mm ²	dark beige	2583090000	5
AAC 35 2X6 BL	1000 V	125 A	0.5...6 mm ²	blue	2583170000	5
AAC 35 2X6 BK-YL	1000 V	125 A	0.5...6 mm ²	black, yellow	2583190000	5
AAC 35 2X6 GN-YL	1000 V	125 A	0.5...6 mm ²	Green/yellow	2583180000	5
ZQV 35N/2		125 A		orange	2634950000	10
ZQV 35N-10		125 A		orange	2562670000	10
ZQV 35N-16		125 A		orange	2562660000	10



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 mechanism provides high clamping forces with low operation forces for optimal operation.



Additional connection
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 enable toolless wiring of flexible conductors.



Efficient potential distribution
Step-down cross-connections allow potential distribution to cross-sections of 10 mm² and 16 mm². Additional power distributions implement quickly into the control cabinet while avoiding unnecessary wiring.

Reliable and efficient power supply

Convenient potential distribution with Klippon® Connect

A growing number of industrial applications need to fit a large amount of technology into a very limited space. At the same time, the requirements for the flexibility of connection options are increasing.

The terminals from the Klippon® Connect series allow a simple, safe, and space-saving installation of conductors for power supply applications. The uniform position of the cross-connection channels allows comfortable potential distribution within all cross-sections of the Klippon Connect A series.

now up to 16 mm²



Your special advantages

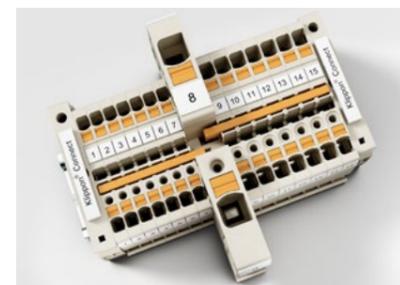
- Simple potential distribution due to the possibility of cross-connection
- Integrated test points on each tier
- Clear identification due to large marking areas
- Integrated pusher for easy opening of the contact without any special tools

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour code	Order No.	Qty.
A2C 10	1000 V	57 A	0.5...10 mm ²	dark beige	2490360000	25
A2C 10 BL	1000 V	57 A	0.5...10 mm ²	blue	2490370000	25
A2C 10 PE	1000 V	57 A	0.5...10 mm ²	Green/yellow	2490440000	25
A3C 10	1000 V	57 A	0.5...10 mm ²	dark beige	2490520000	25
A3C 10 BL	1000 V	57 A	0.5...10 mm ²	blue	2490510000	25
A3C 10 PE	1000 V	57 A	0.5...10 mm ²	Green/yellow	2490590000	25
A2C 16	1000 V	76 A	0.5...16 mm ²	dark beige	2494000000	20
A2C 16 BL	1000 V	76 A	0.5...16 mm ²	blue	2494100000	20
A2C 16 PE	1000 V	76 A	0.5...16 mm ²	Green/yellow	2494010000	20
A3C 16	1000 V	76 A	0.5...16 mm ²	dark beige	2494090000	20
A3C 16 BL	1000 V	76 A	0.5...16 mm ²	blue	2494080000	20
A3C 16 PE	1000 V	76 A	0.5...16 mm ²	Green/yellow	2494020000	20
ALD 16	800 V	76 A	0.5...16 mm ²	dark beige	2502280000	20
ALD 16 BL	800 V	76 A	0.5...16 mm ²	blue	2502320000	20
Accessories						
AEP 2C 10/16				dark beige	2490380000	20
AEP 2C 10/16 BL				blue	2490390000	20
AEP 3C 10/16				dark beige	2490530000	20
AEP 3C 10/16 BL				blue	2490540000	20

Integrated pushers

Simply pressing the pusher causes the contact to open and the conductor can be removed – and there's no need whatsoever for any special tools.



Easy potential distribution

The customer is able to distribute the potential on terminals from 1.5 mm² to 2.5 mm² by using ALO 16.



Professional marking

Large marking areas in combination with our marking solutions ensure clear identification of the individual contact points.



Check and test point

The integrated test point on each tier allows for fast, straightforward testing procedures with standard test plugs.

Optimal wiring in confined spaces

Klippon® Connect 2-tier terminal blocks with 6.1 mm width

With the increasing complexity of switchgear, the number of connection points which need to fit into the smallest footprint also increases. Klippon® Connect 2-tier terminal blocks with PUSH IN connection technology offer maximal connection flexibility on a total width of only 6.1 mm.

The 2-tier terminal blocks meet the current industry requirements due to their large number of variants and the possibility of connecting three different potentials on a width of only 6.1 mm. Various colours and marking options ensure safe, structured wiring. The smart design and the numerous connection options make the Klippon® Connect 2-tier terminal blocks with PUSH IN technology an all-rounder for a broad range of industrial applications.

now
up to
4 mm²



Your special advantages

- Test point on each tier for easy troubleshooting with a 2.0 mm test plug
- Cross-connections at each tier for shorter wiring times
- Definite identification on large marking areas
- Suitable for many special applications due to different connection functions and colour-coded design



Wide variety of applications
Due to colour-coded design and the different connection functionality, the terminal blocks suit a broad range of specialised applications.



Simplified testing
The integrated test point on each tier allows for fast, straightforward testing procedures with standard test plugs.



Professional identification
Large marking areas in combination with our marking solutions ensure clear identification of the individual contact points.

Technical data

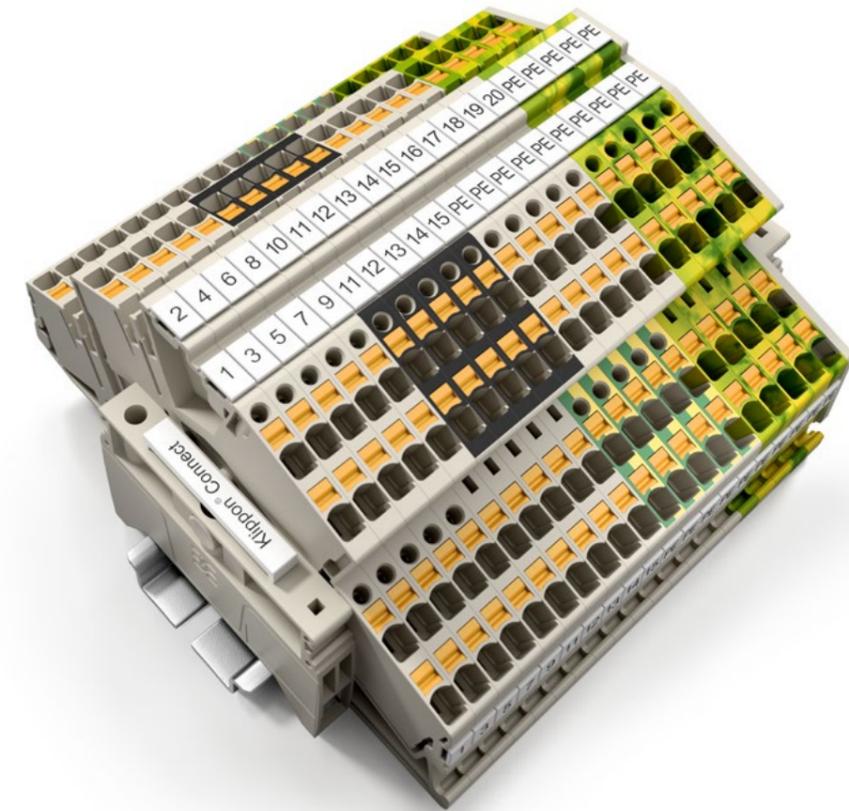
Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour code	Order No.	Qty.
A2T 1.5	500 V	16 A	0.14...1.5 mm ²	dark beige	2469370000	50
A2T 1.5 BL	500 V	16 A	0.14...1.5 mm ²	blue	2471430000	50
A2T 1.5 OR	500 V	16 A	0.14...1.5 mm ²	orange	2471440000	50
A2T 1.5 VL	500 V	16 A	0.14...1.5 mm ²	dark beige	2469400000	50
A2T 1.5 VL BL	500 V	16 A	0.14...1.5 mm ²	blue	2471450000	50
A2T 1.5 VL OR	500 V	16 A	0.14...1.5 mm ²	orange	2471460000	50
A2T 1.5 FT-PE	500 V	16 A	0.14...1.5 mm ²	dark beige	2469390000	50
A2T 1.5 PE	500 V		0.14...1.5 mm ²	Green/yellow	2469410000	50
A2T 2.5	800 V	24 A	0.14...2.5 mm ²	dark beige	1547610000	50
A2T 2.5 BL	800 V	24 A	0.14...2.5 mm ²	blue	1547620000	50
A2T 2.5 OR	800 V	24 A	0.14...2.5 mm ²	orange	1547630000	50
A2T 2.5 VL	800 V	24 A	0.14...2.5 mm ²	dark beige	1547650000	50
A2T 2.5 VL BL	800 V	24 A	0.14...2.5 mm ²	blue	1547660000	50
A2T 2.5 VL OR	800 V	24 A	0.14...2.5 mm ²	orange	1547670000	50
A2T 2.5 FT-PE	800 V	24 A	0.14...2.5 mm ²	dark beige	1547640000	50
A2T 2.5 PE	800 V		0.14...2.5 mm ²	Green/yellow	1547680000	50
A2T 2.5 SNAPMARK	800 V	24 A	0.14...2.5 mm ²	dark beige	2581250000	50
A2T 2.5 SNAPMARK BL	800 V	24 A	0.14...2.5 mm ²	blue	2581280000	50
A2T 4	800 V	32 A	0.14...4 mm ²	dark beige	2539970000	50
A2T 4 BL	800 V	32 A	0.14...4 mm ²	blue	2540040000	50
A2T 4 OR	800 V	32 A	0.14...4 mm ²	orange	2552480000	50
A2T 4 VL	800 V	32 A	0.14...4 mm ²	dark beige	2540020000	50
A2T 4 VL BL	800 V	32 A	0.14...4 mm ²	blue	2540030000	50
A2T 4 VL OR	800 V	32 A	0.14...4 mm ²	orange	2552590000	50
A2T 4 FT-PE	800 V	32 A	0.14...4 mm ²	dark beige	2539980000	50
A2T 4 PE	800 V		0.14...4 mm ²	Green/yellow	2539990000	50
Accessories						
AEP 2T 1.5				dark beige	2469420000	20
AEP 2T 1.5 BL				blue	2471470000	20
AEP 2T 2.5				dark beige	1547690000	20
AEP 2T 2.5 BL				blue	1547700000	20
AEP 2T 4				dark beige	2540000000	20
AEP 2T 4 BL				blue	2540010000	20

Optimal wiring in confined spaces

Klippon® Connect 2-tier terminal blocks with 6 connection points

As the complexity of modern switchgear continually grows, the number of necessary connections also increases. It becomes critical for panel builders to use limited space optimally. We solve this requirement with the Klippon® Connect two-tier terminal blocks with the PUSH IN connector.

Our two-tier terminal blocks permit the connection of up to 6 wires on a width of only 5.1 mm. They come in many variants to meet the current industrial requirements. Coloured pushers and a wide range of marking options ensure structured and safe wiring. The smart design and numerous connection options make the Klippon® Connect two-tier terminal blocks with PUSH IN technology an all-rounder in a wide range of applications.



Your special advantages

- Test point on each tier for easy troubleshooting with a 2.0 mm test plug
- Two cross-connections at each tier for shorter wiring times
- Clear identification due to large marking areas on top of the terminal

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour code	Order No.	Qty.
AZT 2.5 3C	800 V	22 A	0.14...2.5 mm ²	dark beige	2531290000	50
AZT 2.5 3C BL	800 V	22 A	0.14...2.5 mm ²	blue	2531510000	50
AZT 2.5 3C VL	800 V	22 A	0.14...2.5 mm ²	dark beige	2531310000	50
AZT 2.5 3C VL BL	800 V	22 A	0.14...2.5 mm ²	blue	2531530000	50
AZT 2.5 3C FT-PE	800 V	22 A	0.14...2.5 mm ²	dark beige	2531300000	50
AZT 2.5 3C PE	800 V		0.14...2.5 mm ²	Green/yellow	2531320000	50
Accessories						
AEP 2T 2.5 3C				dark beige	2532690000	20
AEP 2T 2.5 3C BL				blue	2532700000	20



Wide variety of applications
Due to colour-coded design and the different connection functionality, the terminal blocks suit a broad range of specialised applications.



Professional marking
A special "roof-style" design permits optimal labelling of the terminal blocks. The markings are easy to read even in confined spaces inside the panel.



Simplified testing
The integrated test point on each tier allows for fast, straightforward testing procedures with standard test plugs.

Reliable marking of live terminal blocks

Klippon® Connect for the A-series warning labels

The switchgear design must guarantee reliable protection of people against electric shock caused by dangerous touch voltages. Terminal blocks need special marking to warn when terminal blocks may have a voltage, even when the main switch is off.

Our new AAM warning labels enable eye-catching marking. They can be quickly and easily snapped onto terminal blocks of the A series in the cross-section range from 1.5 mm² to 16 mm². High-quality printing guarantees permanent marking even under adverse environmental conditions.



Your special advantages

- Highly visible marking of live terminal blocks
- Fast, tool-free assembly
- Resistant printing

Technical data

Type	Height	Width	Colour code	Order No.	Qty.
AAM 1.5 YE FLASH	6.2 mm	3.5 mm	yellow	2635520000	40
AAM 2.5 YE FLASH	8 mm	5.1 mm	yellow	2635550000	40
AAM 4 YE FLASH	10 mm	6.1 mm	yellow	2635560000	40
AAM 6 YE FLASH	13 mm	8.1 mm	yellow	2635570000	40
AAM 10 YE FLASH	14 mm	10 mm	yellow	2635580000	40
AAM 16 YE FLASH	14 mm	12 mm	yellow	2635590000	40
AAM 35-185 YE FLASH	23.5 mm	12 mm	yellow	2635600000	40

Fast assembly and reliable fixation

Klippon® Connect end brackets for rail mounted components

The complexity of modern switchgear rises continuously, as more and more components are installed inside. Therefore, a larger number of components must be fixed on the DIN rail before transport and during operation.

The screwless Klippon® Connect end brackets of the A-series ensure optimal hold of the components on the DIN rail. They are optionally available with or without pre-assembled marking surfaces. Their gripper-optimised external contours support robot-assisted assembly, as with all terminal blocks of the A-series.



Your special advantages

- Tool-free assembly
- Reliable grip
- Numerous marking options
- Available with pre-assembled marking surface
- Suitable for robot-assisted assembly

Technical data

Type	Width / Height / Depth	Colour code	Order No.	Qty.
AEB 35 SCL/1	6 / 52.6 / 36.5 mm	dark beige	2570210000	20
AEB 35 SCL/1 BK	6 / 52.6 / 36.5 mm	black	2570220000	20
AEB 35 SCL/1 GY	6 / 52.6 / 36.5 mm	light grey	2570230000	20

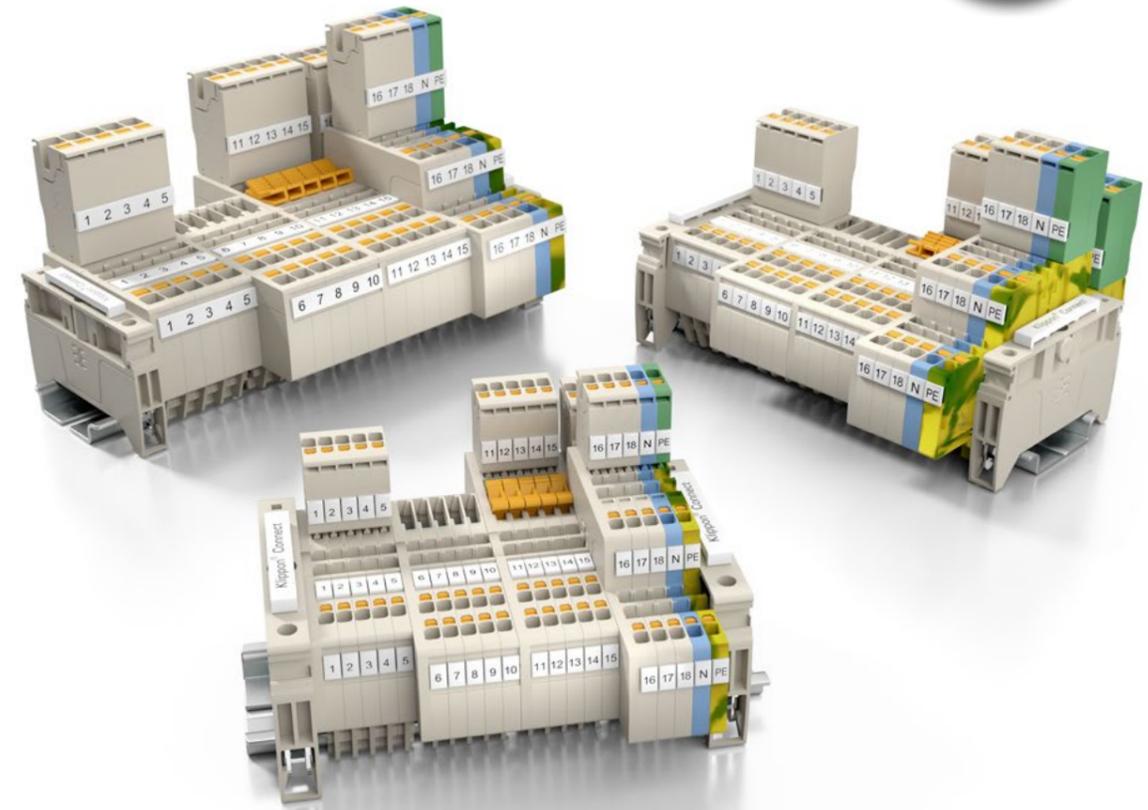
Fast, flexible, and cost-efficient connection of functional units

Klippon® Connect modular, pluggable terminal blocks

Modular and flexible connection techniques are in demand, especially where entire functional units have to be pre-fabricated or replaced. Pluggable terminal blocks accelerate assembly and simplify the exchange of functional units and the disassembly of parts for transport.

Klippon® Connect pluggable terminal blocks with PUSH IN connection technology combine the advantages of our unique connection technology with the flexibility of our connectors. They enable quick, easy exchange of functional units on the panel. The system works reliably even under the harshest conditions, and it is therefore suitable for railway and ship applications.

now
up to
4 mm²



Your special advantages

- Cover against soiling and for maximal finger protection
- Strain relief to protect the conductors from mechanical stresses
- Coding pins for protection against mismatching
- Locking element for maximal vibration safety
- APGCE coding element for uniform coding with cross sections of 1.5 mm², 2.5 mm², and 4 mm²



Vibration safety

All plugs connect easily and securely to the basic terminal via the locking element. The wiring is protected against unintentional disconnection of the conductors.



Protection against mechanical stress

The strain relief protects the contact from mechanical stress, while conductors cannot detach from the clamping point unintentionally.



Protection against mismatching

The use of coded pins enables individual coding, which guarantees error-free plug connection.

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour code	Order No.	Qty.
APGTB 1.5 FT 2C/1	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482160000	50
APGTB 1.5 FT 2C/1 BL	500 V	17.5 A	0.14...1.5 mm ²	blue	2482170000	50
APGTB 1.5 FT 3C/1	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482180000	50
APGTB 1.5 FT 3C/1 BL	500 V	17.5 A	0.14...1.5 mm ²	blue	2482190000	50
APGTB 1.5 FT 4C/2	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482200000	50
APGTB 1.5 FT 4C/2 BL	500 V	17.5 A	0.14...1.5 mm ²	blue	2482210000	50
APGTB 1.5 PE 2C/1	500 V		0.14...1.5 mm ²	Green/yellow	2482220000	50
APGTB 1.5 PE 3C/1	500 V		0.14...1.5 mm ²	Green/yellow	2482230000	50
APGTB 1.5 PE 4C/2	500 V		0.14...1.5 mm ²	Green/yellow	2482240000	50
APGTB 2.5 FT 2C/1	800 V	24 A	0.14...2.5 mm ²	dark beige	1513970000	100
APGTB 2.5 FT 2C/1 BL	800 V	24 A	0.14...2.5 mm ²	blue	1513990000	100
APGTB 2.5 FT 3C/1	800 V	24 A	0.14...2.5 mm ²	dark beige	1514000000	50
APGTB 2.5 FT 3C/1 BL	800 V	24 A	0.14...2.5 mm ²	blue	1514020000	50
APGTB 2.5 FT 4C/2	800 V	24 A	0.14...2.5 mm ²	dark beige	1514030000	50
APGTB 2.5 FT 4C/2 BL	800 V	24 A	0.14...2.5 mm ²	blue	1514040000	50
APGTB 2.5 PE 2C/1	800 V		0.14...2.5 mm ²	Green/yellow	1513870000	50
APGTB 2.5 PE 3C/1	800 V		0.14...2.5 mm ²	Green/yellow	1513890000	50
APGTB 2.5 PE 4C/2	800 V		0.14...2.5 mm ²	Green/yellow	1513920000	50
APGTB 4 FT 2C/1	800 V	32 A	0.14...4 mm ²	dark beige	2540050000	100
APGTB 4 FT 2C/1 BL	800 V	32 A	0.14...4 mm ²	blue	2540060000	100
APGTB 4 FT 3C/1	800 V	32 A	0.14...4 mm ²	dark beige	2540070000	50
APGTB 4 FT 3C/1 BL	800 V	32 A	0.14...4 mm ²	blue	2540080000	50
APGTB 4 FT 4C/2	800 V	32 A	0.14...4 mm ²	dark beige	2540090000	50
APGTB 4 FT 4C/2 BL	800 V	32 A	0.14...4 mm ²	blue	2540100000	50
APGTB 4 PE 2C/1	800 V		0.14...4 mm ²	Green/yellow	2540110000	50
APGTB 4 PE 3C/1	800 V		0.14...4 mm ²	Green/yellow	2540170000	50
APGTB 4 PE 4C/2	800 V		0.14...4 mm ²	Green/yellow	2540180000	50
APGTB 1.5 2T 4C/2	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2485840000	50
APGTB 1.5 2T 4C/2 BL	500 V	17.5 A	0.14...1.5 mm ²	blue	2485850000	50
APGTB 1.5 2T VL 4C/2	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2485920000	50
APGTB 1.5 2T VL 4C/2 BL	500 V	17.5 A	0.14...1.5 mm ²	blue	2485930000	50
APGTB 1.5 2T FT-PE 4C/2	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2485860000	50
APGTB 1.5 2T PE 4C/2	500 V		0.14...1.5 mm ²	Green/yellow	2485870000	50
APGTB 2.5 2T 4C/2	800 V	24 A	0.14...2.5 mm ²	dark beige	1548060000	50
APGTB 2.5 2T 4C/2 BL	800 V	24 A	0.14...2.5 mm ²	blue	1548070000	50
APGTB 2.5 2T VL 4C/2	800 V	24 A	0.14...2.5 mm ²	dark beige	1548140000	50
APGTB 2.5 2T VL 4C/2 BL	800 V	24 A	0.14...2.5 mm ²	blue	1548150000	50
APGTB 2.5 2T FT-PE 4C/2	800 V	24 A	0.14...2.5 mm ²	dark beige	1548130000	50
APGTB 2.5 2T PE 4C/2	800 V		0.14...2.5 mm ²	Green/yellow	1548160000	50
APGTB 4 2T 4C/2	800 V	32 A	0.14...4 mm ²	dark beige	2540230000	50
APGTB 4 2T 4C/2 BL	800 V	32 A	0.14...4 mm ²	blue	2540250000	50
APGTB 4 2T VL 4C/2	800 V	32 A	0.14...4 mm ²	dark beige	2540260000	50
APGTB 4 2T VL 4C/2 BL	800 V	32 A	0.14...4 mm ²	blue	2540270000	50
APGTB 4 2T FT-PE 4C/2	800 V	32 A	0.14...4 mm ²	dark beige	2540290000	50
APGTB 4 2T PE 4C/2	800 V		0.14...4 mm ²	Green/yellow	2540300000	50

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour code	Order No.	Qty.
Accessories						
APG 1.5 L	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482250000	50
APG 1.5 L BL	500 V	17.5 A	0.14...1.5 mm ²	blue	2482260000	50
APG 1.5 L GN	500 V	17.5 A	0.14...1.5 mm ²	green	2482270000	50
APG 1.5 MI	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482280000	50
APG 1.5 MI BL	500 V	17.5 A	0.14...1.5 mm ²	blue	2482290000	50
APG 1.5 MI GN	500 V	17.5 A	0.14...1.5 mm ²	green	2482300000	50
APG 1.5 R	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482310000	50
APG 1.5 R BL	500 V	17.5 A	0.14...1.5 mm ²	blue	2482320000	50
APG 1.5 R GN	500 V	17.5 A	0.14...1.5 mm ²	green	2482330000	50
APG 1.5/1	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482340000	50
APG 1.5/2	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482350000	25
APG 1.5/3	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482360000	25
APG 1.5/3-BG-BL-GN	500 V	17.5 A	0.14...1.5 mm ²	dark beige, blue, green	2482460000	25
APG 1.5/4	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482370000	25
APG 1.5/4-3BG-GN	500 V	17.5 A	0.14...1.5 mm ²	dark beige, green	2482450000	25
APG 1.5/5	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482380000	25
APG 1.5/5-3BG-BL-GN	500 V	17.5 A	0.14...1.5 mm ²	dark beige, blue, green	2482440000	25
APG 1.5/6	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482390000	25
APG 1.5/7	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482400000	25
APG 1.5/8	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482410000	20
APG 1.5/9	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482420000	20
APG 1.5/10	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2482430000	20
APGPC 1.5				orange	2482530000	50
APGLE 1.5				orange	2482720000	25
APGSR 1.5				orange	2482730000	25
APGSR 1.5 - 4P				orange	2482740000	25
APGSR 1.5 - 8P				orange	2482750000	25
MCV APG 1.5				dark beige	2485980000	50
AEP PGTB 1.5 4C/2				dark beige	2482510000	50
AEP PGTB 1.5 4C/2 BL				blue	2482520000	50
APG 2.5 L	800 V	24 A	0.14...2.5 mm ²	dark beige	1513830000	50
APG 2.5 L BL	800 V	24 A	0.14...2.5 mm ²	blue	1513840000	50
APG 2.5 L GN	800 V	24 A	0.14...2.5 mm ²	green	1513850000	50
APG 2.5 MI	800 V	24 A	0.14...2.5 mm ²	dark beige	1513880000	50
APG 2.5 MI BL	800 V	24 A	0.14...2.5 mm ²	blue	1513900000	50
APG 2.5 MI GN	800 V	24 A	0.14...2.5 mm ²	green	1513930000	50
APG 2.5 R	800 V	24 A	0.14...2.5 mm ²	dark beige	1513940000	50
APG 2.5 R BL	800 V	24 A	0.14...2.5 mm ²	blue	1513950000	50
APG 2.5 R GN	800 V	24 A	0.14...2.5 mm ²	green	1513980000	50
APG 2.5/1	800 V	24 A	0.14...2.5 mm ²	dark beige	1513720000	50
APG 2.5/2	800 V	24 A	0.14...2.5 mm ²	dark beige	1513640000	25
APG 2.5/3	800 V	24 A	0.14...2.5 mm ²	dark beige	1513650000	25
APG 2.5/3-BG-BL-GN	800 V	24 A	0.14...2.5 mm ²	dark beige, blue, green	1513820000	25
APG 2.5/4	800 V	24 A	0.14...2.5 mm ²	dark beige	1513670000	25
APG 2.5/4-3BG-GN	800 V	24 A	0.14...2.5 mm ²	dark beige, green	1513790000	25
APG 2.5/5	800 V	24 A	0.14...2.5 mm ²	dark beige	1513680000	25
APG 2.5/5-3BG-BL-GN	800 V	24 A	0.14...2.5 mm ²	dark beige, blue, green	1513780000	25
APG 2.5/6	800 V	24 A	0.14...2.5 mm ²	dark beige	1513690000	25
APG 2.5/7	800 V	24 A	0.14...2.5 mm ²	dark beige	1513700000	25
APG 2.5/8	800 V	24 A	0.14...2.5 mm ²	dark beige	1513730000	20
APG 2.5/9	800 V	24 A	0.14...2.5 mm ²	dark beige	1513740000	20
APG 2.5/10	800 V	24 A	0.14...2.5 mm ²	dark beige	1513770000	20
APGPC 2.5				orange	1514500000	50

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour code	Order No.	Qty.
Accessories						
APGLE 2.5/4				orange	2457570000	25
APGSR 2.5/4				orange	2457580000	25
APGSR 2.5/4 - 4P				orange	2457590000	25
APGSR 2.5/4 - 8P				orange	2457600000	25
MCV APG 2.5				dark beige	2035590000	50
AEP PGTB 2.5 4C/2				dark beige	1514450000	50
AEP PGTB 2.5 4C/2 BL				blue	1514470000	50
APG 4 L BL	690 V	32 A	0.14...4 mm ²	blue	2540560000	50
APG 4 L GN	690 V	32 A	0.14...4 mm ²	green	2540570000	50
APG 4 MI	690 V	32 A	0.14...4 mm ²	dark beige	2540580000	50
APG 4 MI BL	690 V	32 A	0.14...4 mm ²	blue	2540590000	50
APG 4 MI GN	690 V	32 A	0.14...4 mm ²	green	2540600000	50
APG 4 R	690 V	32 A	0.14...4 mm ²	dark beige	2540610000	50
APG 4 R BL	690 V	32 A	0.14...4 mm ²	blue	2540620000	50
APG 4/1	690 V	32 A	0.14...4 mm ²	dark beige	2540460000	50
APG 4 R GN	690 V	32 A	0.14...4 mm ²	green	2540630000	50
APG 4/2	690 V	32 A	0.14...4 mm ²	dark beige	2540470000	25
APG 4/3	690 V	32 A	0.14...4 mm ²	dark beige	2540480000	25
APG 4/3-BG-BL-GN	690 V	32 A	0.14...4 mm ²	dark beige, blue, green	2540450000	25
APG 4/4	690 V	32 A	0.14...4 mm ²	dark beige	2540490000	25
APG 4/4-3BG-GN	690 V	32 A	0.14...4 mm ²	dark beige, green	2540440000	25
APG 4/5	690 V	32 A	0.14...4 mm ²	dark beige	2540500000	25
APG 4/5-3BG-BL-GN	690 V	32 A	0.14...4 mm ²	dark beige, blue, green	2540430000	25
APG 4/7	690 V	32 A	0.14...4 mm ²	dark beige	2540520000	25
APG 4/6	690 V	32 A	0.14...4 mm ²	dark beige	2540510000	25
APG 4/8	690 V	32 A	0.14...4 mm ²	dark beige	2540530000	20
APG 4/9	690 V	32 A	0.14...4 mm ²	dark beige	2540540000	20
APG 4/10	690 V	32 A	0.14...4 mm ²	dark beige	2540550000	20
APGPC 4				orange	2540960000	50
MCV APG 4				dark beige	2540800000	50
AEP PGTB 4 4C/2				dark beige	2540210000	20
AEP PGTB 4 4C/2 BL				blue	2540280000	20
APGCE				orange	1514490000	50

Safety and protection of electrical circuits

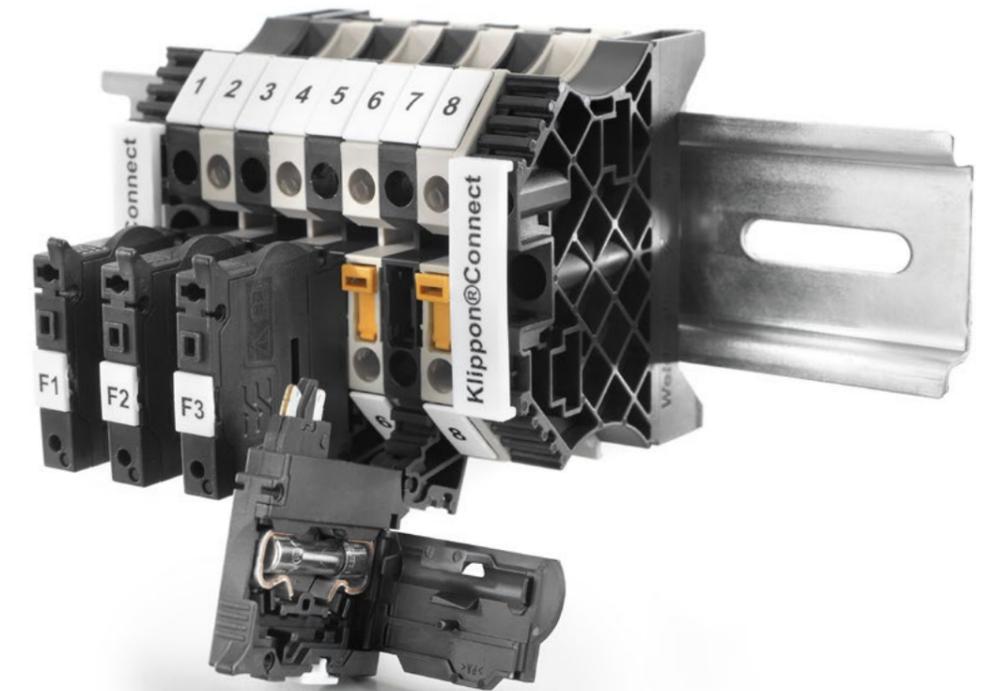
Klippon® Connect combines protective functions and quick assembly

Current protection and disconnection are critical functions in a control cabinet. For optimal protection of man and machine, individual connection solutions should combine these functions within a single system.

The new Klippon® Connect fuse terminals with screw connection technology guarantee optimal passive current protection in combination with disconnect terminals. All terminal blocks from our universal range ensure a high degree of flexibility. Their compact dimensions allow flexible installation even in confined spaces.

Your special advantages

- Overcurrent protection and separation in a single system
- Simple handling by easy removal of the fuse holder
- Contour identical to disconnect terminal WTR 4

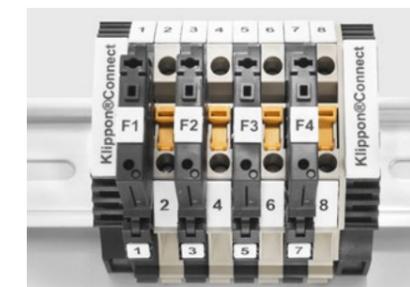


Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Cartridge fuse	Colour code	Order No.	Qty.
WFS 4	250 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	black	2561900000	50
WFS 4 10-36V	36 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	black	2562070000	50
WFS 4 30-70V	70 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	black	2561990000	50
WFS 4 60-150V	150 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	black	2561970000	50
WFS 4 100-250V	250 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	black	2561960000	50
WFS 4 DB	250 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	dark beige	2562050000	50
WFS 4 10-36V DB	36 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	dark beige	2562060000	50
WFS 4 30-70V DB	70 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	dark beige	2561980000	50
WFS 4 60-150V DB	150 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	dark beige	2561940000	50
WFS 4 100-250V DB	250 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	dark beige	2561950000	50
WFS 4 BL	250 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	blue	2562000000	50
WFS 4 10-36V BL	36 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	blue	2562010000	50
WFS 4 30-70V BL	70 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	blue	2562020000	50
WFS 4 60-150V BL	150 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	blue	2562030000	50
WFS 4 100-250V BL	250 V	6.3 A	0.22...6 mm ²	G-Si. 5 x 20	blue	2562040000	50



Permanently mounted fuse switch
Each fuse switch is permanently connected to the terminal block with a hinge. As a result, it cannot be lost if the circuit is interrupted or a fuse is replaced.



Functional clarity
The distinct design and many marking options allow clear identification of all functions, which enables safe and efficient maintenance.



Skipping cross-connectivity
The WFS4 and WTR4 have the same contours and grid patterns for accurate, identifiable and alternating wiring in the control cabinet.

Protection of modern PV applications

WSI 25 10X85 1.5KV fuse terminal blocks for PV systems with 1,500 V

In the field of photovoltaics, the trend is to install plants with an operating voltage of 1,500 volts. The new Weidmüller WSI 25 10X85 1.5KV fuse terminal blocks protect components in 1,500 V systems from overvoltage.

WSI 25 10X85 1.5KV fuse terminal blocks support operating voltages of 1,500 V and have a particularly reliable contact protection. To replace the fuse, the entire fuse holder including the fuse can be removed.

Your special advantages

- Simplified fuse replacement by means of completely removable fuse holders
- Fuse holder with optimum contact protection
- Support of installations with operating voltages of 1,500 V



Technical data

Type	Cartridge fuse	Rated AC voltage	Rated DC voltage	Rated current	Order No.	Qty.
WSI 25 10X85 1.5KV	max. 6.0 W for 10x85, 14x85 gPV	1000 V AC	1500 V DC	32 A	2469360000	5



Future-proof standard
WSI 25 10X85 1.5KV fuse terminal blocks support operating voltages of 1,500 V.



Simplified fuse replacement
To replace the fuse, the entire fuse holder including the fuse can be removed.



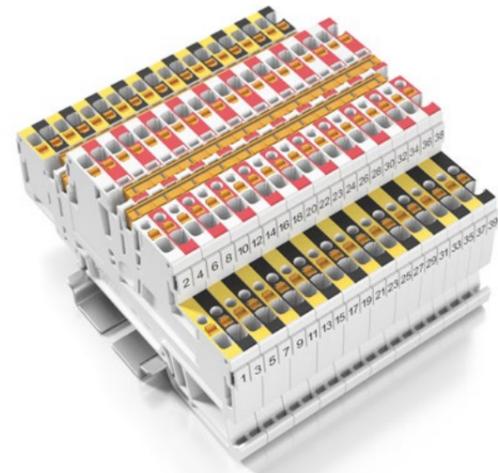
High safety
The fuse holder provides optimum contact protection.

Connect KNX Bus wiring easily and distinctly

Klippon® Connect for smart wiring 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 due to 3.5 mm individual terminal width

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour code	Order No.	Qty.
AZT 1.5 KNX RD-BK	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2652200000	50
AZT 1.5 KNX WT-YL	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2652210000	50

Clear wiring for high-density signalling levels

Klippon® Connect provides high-density wiring

A large number of sensors monitor the production process. The terminal blocks are therefore particularly important for signal wiring. Klippon® Connect initiator/ actuator terminal blocks AIO allow for maximum wiring densities; up to four different potentials may connect on a width of only 3.5 mm.

Our signal wiring solutions are geared for future automation requirements and are available in many different designs. Due to a large number of variants, you benefit from maximum flexibility in the design of the signal feed. In combination with an I/O system, particularly effective and safe potential distribution is achieved. Klippon® Connect Sensor Actuator Terminal Blocks AIO optimise the distribution of initiator and actuator signals.



Your special advantages

- Coloured pusher to prevent miswiring
- Test points for diagnostics of potentials at each contact point
- Many variants, e.g. for sensors or actuators with three or four conductors with and without protective conductor connection

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour code	Order No.	Qty.
AIO21 1.5 SI	250 V	13.5 A	0.14...1.5 mm ²	dark beige	1992260000	100
AIO21 1.5 SI OR	250 V	13.5 A	0.14...1.5 mm ²	orange	2579610000	100
AIO21 1.5 SO	250 V	13.5 A	0.14...1.5 mm ²	dark beige	1992240000	100
AIO21 1.5 SO OR	250 V	13.5 A	0.14...1.5 mm ²	orange	2579570000	100
AIO23 1.5 2SI	250 V	13.5 A	0.14...1.5 mm ²	dark beige	1992220000	100
AIO23 1.5 2SI OR	250 V	13.5 A	0.14...1.5 mm ²	orange	2579620000	100
AIO22 1.5 SI-PE	250 V	13.5 A	0.14...1.5 mm ²	dark beige	1992230000	100
AIO22 1.5 SI-PE OR	250 V	13.5 A	0.14...1.5 mm ²	orange	2579640000	100
AIO21 1.5 SO-PE	250 V	13.5 A	0.14...1.5 mm ²	dark beige	1992250000	100
AIO21 1.5 SO-PE OR	250 V	13.5 A	0.14...1.5 mm ²	orange	2579580000	100
Accessories						
AEP IO21				dark beige	1993580000	50
AEP IO22				dark beige	1993590000	50
AEP IO23				dark beige	1993600000	50

Safe supply to equipment in the panel

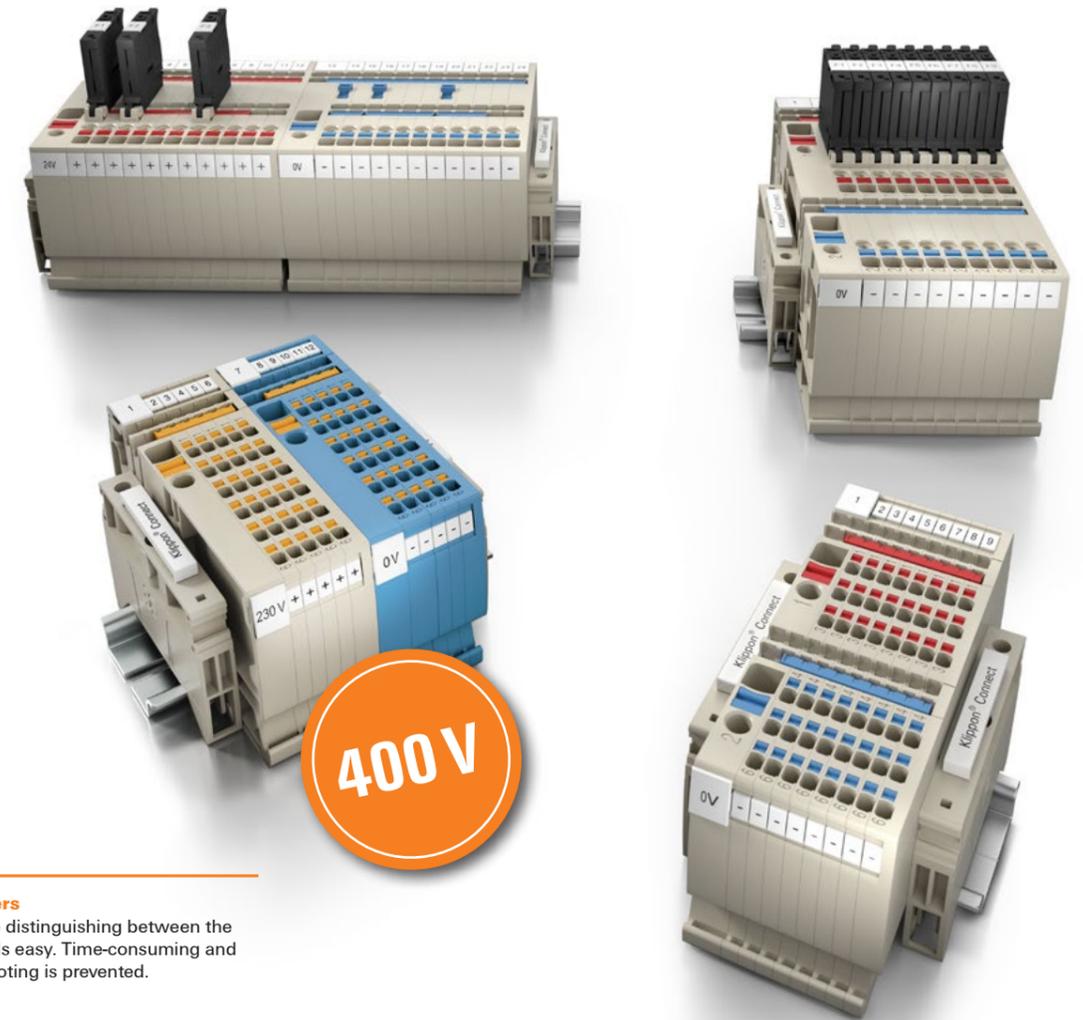
Klippon® Connect for optimum control voltage distribution

In control circuits, electrical energy is distributed in the panel from the power supply to downstream consumers. To guarantee a safe supply of power, many conductors must be connected, which becomes confusing and can lead to incorrect wiring.

Klippon® Connect control voltage distribution terminal blocks AAP support the compact design of control voltage distribution and ensure effective control voltage of the equipment on the panel. The unique modular concept can be tailored to every type of machine. The potential distribution terminal blocks AAP are successful thanks to their uniform design with two possible constructions – alternating or grouped. Cross-connection options save space and avoid miswiring.

Your special advantages

- Space saving by combining positive and negative potentials on a single terminal block
- Quick fuse replacement by simply opening and releasing the fuse holder from the compound
- Coloured pusher for potential discrimination in control current distributions from 0 to 400 V
- Two cross-connection channels for attachments and expansions



Coloured pushers

The colours make distinguishing between the different potentials easy. Time-consuming and costly troubleshooting is prevented.



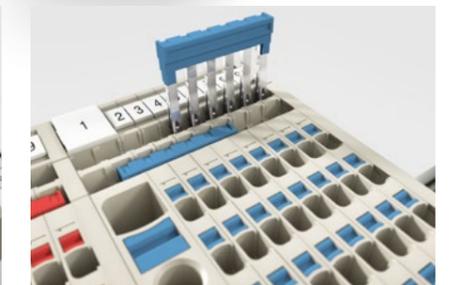
Space saving

The combined functionality of positive and negative potentials in one terminal block enables a significant space saving.



Potential distribution with fuse protection

The fuse can be replaced quickly and easily by simply releasing and opening the fuse holder on the system.



Two cross-connection channels

Thanks to the modular system, another terminal block can be attached and expanded using an additional cross-connection in the second cross-connection channel.

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour code	Order No.	Qty.
AAP11 1.5 LI RD	500 V	17.5 A	0.14...1.5 mm ²	dark beige	1988160000	50
AAP11 1.5 LI BL	500 V	17.5 A	0.14...1.5 mm ²	dark beige	1988170000	50
AAP11 1.5 LI OR	500 V	17.5 A	0.14...1.5 mm ²	dark beige	2503910000	50
AAP11 1.5 LI GN/OR	500 V	17.5 A	0.14...1.5 mm ²	green	2614100000	50
AAP11 1.5 LI BL/OR	500 V	17.5 A	0.14...1.5 mm ²	blue	2522870000	50
AAP11 6 LO RD	500 V	41 A	0.34...6 mm ²	dark beige	1989780000	20
AAP11 6 LO BL	500 V	41 A	0.34...6 mm ²	dark beige	1988130000	20
AAP11 6 LO OR	500 V	41 A	0.34...6 mm ²	dark beige	2503650000	20
AAP11 6 FE	500 V		0.34...6 mm ²	dark beige	1988140000	20
AAP11 6 LO BL/OR	500 V	41 A	0.34...6 mm ²	blue	2522720000	20
AAP12 10 LO RD	800 V	57 A	0.5...10 mm ²	dark beige	1988190000	20
AAP12 10 LO BL	800 V	57 A	0.5...10 mm ²	dark beige	1988180000	20
AAP12 10 FE	800 V		0.5...10 mm ²	dark beige	1988200000	20
AAP12 10 LO OR	800 V	57 A	0.5...10 mm ²	dark beige	2503900000	20
AAP12 10 LO BL/OR	800 V	57 A	0.5...10 mm ²	blue	2522860000	20
AAP12 10 LO GN/OR	800 V	57 A	0.5...10 mm ²	green	2619410000	20
AAP12 2.5 LI RD	800 V	24 A	0.14...2.5 mm ²	dark beige	1988290000	50
AAP12 2.5 LI BL	800 V	24 A	0.14...2.5 mm ²	dark beige	1988100000	50
AAP12 2.5 LI OR	800 V	24 A	0.14...2.5 mm ²	dark beige	2503880000	50
AAP12 2.5 LI GN/OR	800 V	24 A	0.14...2.5 mm ²	green	2614110000	50
AAP12 2.5 LI BL/OR	800 V	24 A	0.14...2.5 mm ²	blue	2522840000	50
AAP13 6 LO-LO	250 V	41 A	0.34...6 mm ²	dark beige	1988260000	20
AAP13 6 LO-LO OR	250 V	41 A	0.34...6 mm ²	orange	2623910000	20
AAP13 6 FE-LO	250 V	41 A	0.34...6 mm ²	dark beige	1988270000	20
AAP13 1.5 LH-I	250 V	16 A	0.14...1.5 mm ²	dark beige	1988280000	50
AAP13 1.5 LH-I OR	250 V	16 A	0.14...1.5 mm ²	orange	2623920000	50
AAP14 10 LO-LO	500 V	57 A	0.5...10 mm ²	dark beige	1988250000	20
AAP14 10 FE-LO	500 V	57 A	0.5...10 mm ²	dark beige	1988240000	20
AAP14 2.5 LH-I	500 V	24 A	0.14...2.5 mm ²	dark beige	1988230000	50
AAP21 10 LO BL	250 V	57 A	0.5...10 mm ²	dark beige	2428940000	20
AAP21 10 LO RD	250 V	57 A	0.5...10 mm ²	dark beige	2428910000	20
AAP21 10 LO OR	250 V	57 A	0.5...10 mm ²	dark beige	2581690000	20
AAP21 10 LO BL/OR	250 V	57 A	0.5...10 mm ²	blue	2581800000	20
AAP21 10 FE	250 V		0.5...10 mm ²	dark beige	2428920000	20
AAP21 4 LI RD	250 V	32 A	0.14...4 mm ²	dark beige	2428930000	50
AAP21 4 LI BL	250 V	32 A	0.14...4 mm ²	dark beige	2428960000	50
AAP21 4 LI OR	250 V	32 A	0.14...4 mm ²	dark beige	2581700000	50
AAP21 4 LI BL/OR	250 V	32 A	0.14...4 mm ²	blue	2582530000	50
AAP21 4 DT	250 V	20 A	0.14...4 mm ²	dark beige	2428980000	50
AAP21 4 DT OR	250 V	20 A	0.14...4 mm ²	dark beige	2581710000	50
AAP21 4 DT BL/OR	250 V	20 A	0.14...4 mm ²	blue	2582520000	50
AAP21 4 FS	250 V	6.3 A	0.14...4 mm ²	dark beige	2428950000	50
AAP21 4 FS OR	250 V	6.3 A	0.14...4 mm ²	dark beige	2581720000	50
AAP21 4 FS 10-36V	36 V	6.3 A	0.14...4 mm ²	dark beige	2458990000	50
AAP21 4 FS 30-70V	70 V	6.3 A	0.14...4 mm ²	dark beige	2460200000	50
AAP21 4 FS 60-150V	150 V	6.3 A	0.14...4 mm ²	dark beige	2460190000	50
AAP21 4 FS 100-250V	250 V	6.3 A	0.14...4 mm ²	dark beige	2460180000	50
AAP21 4 FS 100-250V OR	250 V	6.3 A	0.14...4 mm ²	dark beige	2581790000	50
AAP22 10 LO-LO	250 V	57 A	0.5...10 mm ²	dark beige	2428990000	20
AAP22 10 FE-LO	250 V	17 A	0.5...10 mm ²	dark beige	2429000000	20
AAP22 4 LI-FS	250 V	6.3 A	0.14...4 mm ²	dark beige	2429010000	50
AAP22 4 LI-FS 10-36V	36 V	6.3 A	0.14...4 mm ²	dark beige	2459010000	50
AAP22 4 LI-FS 30-70V	70 V	6.3 A	0.14...4 mm ²	dark beige	2460140000	50
AAP22 4 LI-FS 60-150V	150 V	6.3 A	0.14...4 mm ²	dark beige	2460130000	50
AAP22 4 LI-FS 100-250V	250 V	6.3 A	0.14...4 mm ²	dark beige	2460120000	50

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour code	Order No.	Qty.
Accessories						
AEP AP11				dark beige	1988320000	20
AEP AP12				dark beige	1988300000	20
AEP AP13				dark beige	1990140000	20
AEP AP14				dark beige	1988340000	20
AEP AP21				dark beige	2429020000	20
AEP AP22				dark beige	2429040000	20

Reliable and efficient power supply

Convenient connection with Klippon® Connect

A growing number of industrial applications need to fit a large amount of technology into a very limited space. Different connection types must thereby be interchangeable. In addition, cost-saving aluminium often replaces copper.

Klippon® Connect power feed-in terminal blocks WPD are the pioneering solution for power feed-in with aluminium and copper conductors. They allow easy and safe installation of aluminium and copper conductors on a small footprint. An auxiliary power supply or monitoring connection can be used optionally. The power feed-in terminal blocks WPD can be used flexibly, regardless of the conductor material. They can be mounted either directly or on DIN rail TS35.



Your special advantages

- Installation of small auxiliary power supply or monitoring connections, without previously disconnecting any connected supply line
- Fast processing and installation due to the possibility of direct mounting and compatibility with 35 mm mounting rails according to EN 60715 and EN 50022
- Extremely compact and robust design with a wide range of features

Certificates

The phase distribution blocks ATEX and IECEx are now certified.



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 auxiliary 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.

Technical data

Type	Clamping range min. / max.	Rated voltage	Rated current	Approvals	Order No.	Qty.
WPD 130 1X50/1X50 GY	10...50 mm ²	1000 V	120 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502530000	9
WPD 130 1X50/1X50 BL	10...50 mm ²	1000 V	120 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502540000	9
WPD 130 1X50/1X50 GN	10...50 mm ²	1000 V	120 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502550000	9
WPD 130 1X50/1X50 BN	10...50 mm ²	1000 V	120 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502560000	9
WPD 130 1X50/1X50 BK	10...50 mm ²	1000 V	120 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502570000	9
WPD 230 2X50/2X50 GY	10...50 mm ²	1000 V	120 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502580000	5
WPD 230 2X50/2X50 BL	10...50 mm ²	1000 V	120 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502590000	5
WPD 230 2X50/2X50 GN	10...50 mm ²	1000 V	120 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502600000	5
WPD 230 2X50/2X50 BN	10...50 mm ²	1000 V	120 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502610000	5
WPD 230 2X50/2X50 BK	10...50 mm ²	1000 V	120 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502950000	5
WPD 330 3X50/3X50 3XGY	10...50 mm ²	1000 V	120 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502620000	3
WPD 330 3X50/3X50 1XGY/1XBL/1XGN	10...50 mm ²	1000 V	120 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502640000	3
WPD 330 3X50/3X50 1XBN/1XBK/1XGY	10...50 mm ²	1000 V	120 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502650000	2
WPD 131 1X95/1X95 BL	16...95 mm ²	1000 V	155 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502660000	2
WPD 131 1X95/1X95 GN	16...95 mm ²	1000 V	155 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502670000	2
WPD 131 1X95/1X95 BN	16...95 mm ²	1000 V	155 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502680000	2
WPD 131 1X95/1X95 BK	16...95 mm ²	1000 V	155 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502690000	2
WPD 131 1X95/1X95 GY	16...95 mm ²	1000 V	155 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2503090000	2
WPD 231 2X95/2X95 GY	16...95 mm ²	1000 V	155 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502700000	1
WPD 231 2X95/2X95 BL	16...95 mm ²	1000 V	155 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502710000	1
WPD 231 2X95/2X95 GN	16...95 mm ²	1000 V	155 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502720000	1
WPD 231 2X95/2X95 BN	16...95 mm ²	1000 V	155 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502730000	1
WPD 231 2X95/2X95 BK	16...95 mm ²	1000 V	155 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502740000	1
WPD 132 1X185/1X185 GY	95...185 mm ²	1000 V	250 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502750000	1
WPD 132 1X185/1X185 BL	95...185 mm ²	1000 V	250 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502760000	1
WPD 132 1X185/1X185 GN	95...185 mm ²	1000 V	250 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502770000	1
WPD 132 1X185/1X185 BN	95...185 mm ²	1000 V	250 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502780000	1
WPD 132 1X185/1X185 BK	95...185 mm ²	1000 V	250 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502790000	1
WPD 232 2X185/2X185 GY	95...185 mm ²	1000 V	250 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502800000	1
WPD 232 2X185/2X185 BL	95...185 mm ²	1000 V	250 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502810000	1
WPD 232 2X185/2X185 GN	95...185 mm ²	1000 V	250 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502820000	1
WPD 232 2X185/2X185 BN	95...185 mm ²	1000 V	250 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502830000	1
WPD 232 2X185/2X185 BK	95...185 mm ²	1000 V	250 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502840000	1
WPD 133 1X300/1X300 GY	150...300 mm ²	1000 V	520 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502850000	1
WPD 133 1X300/1X300 BL	150...300 mm ²	1000 V	520 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502860000	1
WPD 133 1X300/1X300 GN	150...300 mm ²	1000 V	520 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502870000	1
WPD 133 1X300/1X300 BN	150...300 mm ²	1000 V	520 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502880000	1
WPD 133 1X300/1X300 BK	150...300 mm ²	1000 V	520 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502890000	1
WPD 233 2X300/2X300 GY	150...300 mm ²	1000 V	340 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502900000	1
WPD 233 2X300/2X300 BL	150...300 mm ²	1000 V	340 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502910000	1
WPD 233 2X300/2X300 GN	150...300 mm ²	1000 V	340 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502920000	1
WPD 233 2X300/2X300 BN	150...300 mm ²	1000 V	340 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502930000	1
WPD 233 2X300/2X300 BK	150...300 mm ²	1000 V	340 A	CENEXATEX;cURus;FIMKO;IECEXCENEX	2502940000	1

Distribution of energy and zero potential in a secure and efficient way

WPD distribution blocks for potential distribution, also in Ex areas

The energy and zero potentials that are fed into machines and plants often need to be distributed even further to supply, for example, motors. Those extensions have to be as safe, efficient and space-saving as possible.

WPD distribution blocks have a unique echelon form and screw heads in an offset position. The latter ensure at every echelon level a safe and comfortable connection in systems and housings, even in confined spaces.

Your special advantages

- First phase distribution block with IECEx approval
- Available in the colours grey (phase distribution) or blue (neutral distribution)
- Self-extinguishing, halogen-free plastic housing
- High finger protection according to EN 50274
- Short circuit resistance according to high SCCR standard



Technical data

Type	Rated DC voltage	Approvals	Order No.	Qty.
WPD 104 1x25+1x16/2x16+3x10 GY	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	1562000000	1
WPD 104 1x25+1x16/2x16+3x10 BL	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	2518250000	1
WPD 204 2X25/4X16+6X10 2XGY	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	1562150000	1
WPD 204 2X25/4X16+6X10 2XBL	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	2518330000	1
WPD 304 3X25/6X16+9X10 3XGY	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	1562160000	1
WPD 304 3X25/6X16+9X10 3XBL	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	2518340000	1
WPD 105 1x35+1x16/2x25+3x16 GY	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	1562170000	1
WPD 105 1x35+1x16/2x25+3x16 BL	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	2518540000	1
WPD 205 2X35/4X25+6X16 2XGY	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	1562180000	1
WPD 205 2X35/4X25+6X16 2XBL	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	2519470000	1
WPD 305 3X35/6X25+9X16 3XGY	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	1562190000	1
WPD 305 3X35/6X25+9X16 3XBL	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	2521770000	1
WPD 106 1X70/2X25+3X16 GY	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	1562210000	1
WPD 106 1X70/2X25+3X16 BL	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	2518570000	1
WPD 107 1X95/2X35+8X25 GY	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	1562220000	1
WPD 107 1X95/2X35+8X25 BL	1000 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	2521730000	1
WPD 108 1X120/2X35+3X25+4X16 GY	1500 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	1562100000	1
WPD 108 1X120/2X35+3X25+4X16 BL	1500 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	2519480000	1
WPD 109 1X185/2X35+3X25+4X16 GY	1500 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	1562090000	1
WPD 109 1X185/2X35+3X25+4X16 BL	1500 V DC	cCSAus;CNEXATEX;EAC;IECEXCENEX;UR;VDE	2519490000	1



Colour-coded design

The blocks are available in standard grey or in blue for zero potential distribution.



Certificates

The phase distribution blocks ATEX and IECEx are now certified.



Easy installation

The unique echelon form and screw heads in an offset position ensure a safe and comfortable connection.

Safe current tapping of busbar systems

Variable and finger-safe busbar tap terminal WBBD 16

In all industrial sectors, the safety of personnel and machines is of utmost importance. Finger-safe solutions are therefore the first choice for busbars too.

Our new busbar tap terminal WBBD 16 has two outputs. So it is currently the most compact finger-safe solution for conductor cross-sections from 1.5 to 16 mm². The safe and robust design enables easy current tapping on busbars from 3 to 10 mm.



Your special advantages

- Finger-safe design
- High packing density
- Two outputs per terminal
- Variable application for busbars from 3 to 10 mm

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour code	Order No.	Qty.
WBBD 16 GY	690 V	114 A	1...16 mm ²	grey	2603840000	12
WBBD 16 BL	690 V	114 A	1...16 mm ²	blue	2603850000	12
WBBD 16 GN	690 V	114 A	1...16 mm ²	green	2603860000	12

Greater efficiency in equipotential bonding

FB 16-50 is the most cost-effective equipotential bonding terminal

While Industry 4.0 is continuously advancing, the demands of the communication participants in automation systems grow as well. Our innovative solutions for equipotential bonding guarantee high electromagnetic compatibility.

The innovative equipotential bonding terminal block FB 16-50 enriches the existing product portfolio for the generation of mesh equipotential bonding in industrial environments. Each mounted equipotential bonding terminal block FB 16-50 generates a simple, cost-efficient mesh point at the integral equipotential bonding.



Your special advantages

- Simple installation due to a direct screw connection
- Patented lever mechanism for optimal contacting of the equipotential bonding conductor
- Vibration-proof electrical connection
- Extremely low impedance connection

Technical data

Type	Product type	Clamping range, min. / max.	Colour code	Order No.	Qty.
FB 16-50	Potential equalisation block	16...50 mm ²	Brass coloured	2623930000	10

Optimal protection against electric or electromagnetic fields HDC IP65 EMC enclosure with above-average shielding properties

Protection against electrical and electromagnetic influences is essential in many industries to ensure fault-free operation. RockStar® HDC IP65 EMC enclosures can be used wherever optimal shielding with low transfer impedance is required.

The labyrinth structure on the housing enables reliable data transmission, which reduces the risk of system failure and increases productivity. The FPM sealing material permits RockStar® HDC IP65 EMC enclosures to be used indoors as well as outdoors. With only one type of enclosure, the number of storage items decreases significantly. The conductive and corrosion-resistant surface coating meets increased environmental requirements and lowers procurement costs.



Your special advantages

- Effective labyrinth structure for secure data transmission
- Extremely reliable FPM seals for indoor and outdoor use
- Internal O-ring seal for quick and easy installation



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Technical data

Type	Size	Protection degree	Design of housing	Size of cable entries	Suitable for ModuPlug®	Order No.	Qty.
HDC 06B ALU EMC	3	IP65	Bulkhead enclosure		Yes	2542230000	1
HDC 10B ABU EMC	4	IP65	Bulkhead enclosure		Yes	2542310000	1
HDC 16B ABU EMC	6	IP65	Bulkhead enclosure		Yes	2542320000	1
HDC 24B ABU EMC	8	IP65	Bulkhead enclosure		Yes	2527810000	1
HDC 16D TOLU 1M32G EMC	3	IP65	Cable entry from top, Plug housing	M 32	Yes	2543970000	1
HDC 16D TSLU 1M32G EMC	3	IP65	Cable entry from side, Plug housing	M 32	Yes	2542370000	1
HDC 24D TOBU 1M32G EMC	4	IP65	Cable entry from top, Plug housing	M 32	Yes	2544020000	1
HDC 24D TSBU 1M32G EMC	4	IP65	Cable entry from side, Plug housing	M 32	Yes	2544010000	1
HDC 40D TOBU 1M40G EMC	6	IP65	Cable entry from top, Plug housing	M 40	Yes	2544040000	1
HDC 40D TSBU 1M40G EMC	6	IP65	Cable entry from side, Plug housing	M 40	Yes	2544030000	1
HDC 64D TOBU 1M40G EMC	8	IP65	Cable entry from top, Plug housing	M 40	Yes	2544060000	1
HDC 64D TSBU 1M40G EMC	8	IP65	Cable entry from side, Plug housing	M 40	Yes	2544050000	1



Effective labyrinth structure
Excellent shielding effect is achieved due to the unique labyrinth structure and the large contact area between the bulkhead mount and hoods.



Robust sealing material
The ozone- and UV-resistant sealing material FPM withstands an extended temperature range from -40 to +150 °C.



Corrosion-resistant, conductive surface
The unique surface finish makes the housing impact-resistant, electrically conductive and corrosion-resistant—even in seawater environments.

Flexible assembly of data connectors

RockStar® ModuPlug – data connectors for field assembly

The growing complexity of automation processes requires the transmission of ever-increasing data volumes at continuously rising transmission speeds. Our field-attachable data connectors reach a new level of data transmission with 100 MBit and 10 Gbit.

Up to two Cat 6A lines, each with 10 Gbit, integrate into the compact modules. With the new field-assembly variant, we are extending the successful module series by adding easy maintenance and even more flexibility. The module is equipped with crimp contacts on site and thus enables a secure connection. The extensive selection of different crimp contacts allows individual assembly that meets the respective requirements.



Your special advantages

- High flexibility in field wiring
- 360° shield connection
- Simplified maintenance in the application



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Technical data - Data field attachable connectors

Type	Version	Transmission rate	Category	Coding	No. of poles	Order No.	Qty.
HDC MBUS4 D5E MC	Male	100 MBit/s	Cat. 5e	D	4	2427920000	2
HDC MBUS4 D5E FC	Female	100 MBit/s	Cat. 5e	D	4	2427930000	2
HDC MBUS8 X6A MC	Male	10 GBit/s	Cat. 6A	X	8	2427900000	2
HDC MBUS8 X6A FC	Female	10 GBit/s	Cat. 6A	X	8	2427910000	2

Technical data - Crimp contacts

Type	Version	Transmission rate	Cross-section for connected wire	Contact diameter, male Ø	Contact surface	Order No.	Qty.
HDC MBUS8 F AWG26-24	Female	10 GBit/s	0.14..0.25 mm ²	0.6 mm	Gold-plated	2565950000	100
HDC MBUS8 F AWG22	Female	10 GBit/s	0.34 mm ²	0.6 mm	Gold-plated	2565970000	100
HDC MBUS8 F AWG20	Female	10 GBit/s	0.5 mm ²	0.6 mm	Gold-plated	2565990000	100
HDC MBUS8 M AWG26-24	Male	10 GBit/s	0.14..0.25 mm ²	0.6 mm	Gold-plated	2565940000	100
HDC MBUS8 M AWG22	Male	10 GBit/s	0.34 mm ²	0.6 mm	Gold-plated	2565960000	100
HDC MBUS8 M AWG20	Male	10 GBit/s	0.5 mm ²	0.6 mm	Gold-plated	2565980000	100
HDC MBUS4 F AWG26-24	Female	100 MBit/s	0.14..0.25 mm ²	1 mm	Gold-plated	2565890000	100
HDC MBUS4 F AWG22-20	Female	100 MBit/s	0.34..0.5 mm ²	1 mm	Gold-plated	2565910000	100
HDC MBUS4 F AWG18	Female	100 MBit/s	0.75..1 mm ²	1 mm	Gold-plated	2565930000	100
HDC MBUS4 M AWG26-24	Male	100 MBit/s	0.14..0.25 mm ²	1 mm	Gold-plated	2565880000	100
HDC MBUS4 M AWG22-20	Male	100 MBit/s	0.34..0.5 mm ²	1 mm	Gold-plated	2565900000	100
HDC MBUS4 M AWG18	Male	100 MBit/s	0.75..1 mm ²	1 mm	Gold-plated	2565920000	100

Technical data - Shielding sleeve

Type	Material	Order No.	Qty.
HDC MBUS CF 11.0	Brass	2566000000	10
HDC MBUS CF 10.3	Brass	2566010000	10
HDC MBUS CF 9.7	Brass	2566020000	10
HDC MBUS CF 9.1	Brass	2566030000	10
HDC MBUS CF 8.5	Brass	2566040000	10
HDC MBUS CF 7.9	Brass	2566050000	10
HDC MBUS CF 7.3	Brass	2566060000	10
HDC MBUS CFS 7.0	Brass	2566070000	10
HDC MBUS CFS 5.0	Brass	2566080000	10

Enable space- and weight-saving energy transfer

RockStar® ModuPlug 200-A module

Industrial applications are becoming more complex and variable. The future belongs to modular solutions with high functional density, space-saving design and high expandability. RockStar® ModuPlug meets all these requirements and compacts them on the smallest footprint.

The powerful ModuPlug® 200-A module is now also available in the „Single Plus 1.5“ width. Although significantly slimmer than the market standard, it still delivers an excellent performance. The smaller size allows the installation of more modules in the same area. Space and weight are reduced as well because smaller frames and housings can be used.



Technical data

Type	Cross-section for connected wire	Stripping length, rated connection	Surface finish	No. of poles	Required plug-in slots	Order No.	Qty.
HDC MHP 200 FC		19 mm		1	1.5	2549260000	1
HDC MHP 200 MC		19 mm		1	1.5	2548900000	1
HDC MHP200 F 25	25 mm ²	19 mm	silver			2514820000	10
HDC MHP200 F 35	35 mm ²	19 mm	silver			2514830000	10
HDC MHP200 F 50	50 mm ²	19 mm	silver			2514840000	10
HDC MHP200 F 70	70 mm ²	19 mm	silver			2514850000	10
HDC MHP200 M 25	25 mm ²	19 mm	silver			2514860000	10
HDC MHP200 M 35	35 mm ²	19 mm	silver			2514870000	10
HDC MHP200 M 50	50 mm ²	19 mm	silver			2514880000	10
HDC MHP200 M 70	70 mm ²	19 mm	silver			2514890000	10

Your special advantages

- Slimmer than the market standard
- More power in a smaller space
- Simple installation



www.weidmueller.com/rockstar-moduplug

Signal distribution via AND or OR circuit

SAI distributor with preprocessing logic circuit

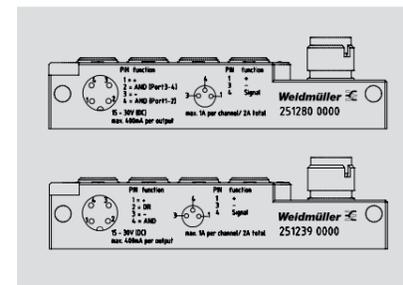
In mechanical engineering, many sensors have to be wired and combined on a regular basis. For this, it is usually necessary to carry out the complete wiring to the PLC. SAI logic modules allow logical connections to be made to the distributors and, thus, save installation time.

Our SAI distributors with logic module contain logic circuits in groups of four. Four signals at a time are combined either via an AND or an OR circuit. A four-pin M12 connector transmits the data. In this way, only one input for a maximum of four sensors is required on the PLC.



Your special advantages

- Very small design
- Combination of four signals to an AND or OR circuit
- Connection via a four-pin M12 connector



Technical data

Type	Rated voltage , min. / max.	Rated current	Number of contact sockets	Logic function	Distributor outlet / connection thread	Order No.	Qty.
SAI-4-S-3P-M8L-M12-LDG	15...30 V	500 mA	4	Or, And	with M12 outlet / M8	2512390000	1
SAI-8-S-3P-M8L-M12-LDG	15...30 V	500 mA	8	Or, And	with M12 outlet / M8	2512810000	1
SAI-4-S-3P-M8L-M12-2AND	15...30 V	500 mA	4	And	with M12 outlet / M8	2512800000	1
SAI-8-S-3P-M8L-M12-2AND	15...30 V	500 mA	8	And	with M12 outlet / M8	2512820000	1

Two logic functions available
M8 distributors are optionally available with AND circuit or alternatively with an AND and an OR circuit.

Small construction
The use of small M8 connectors enables a particularly space-saving design. The same applies to the four-pin M12 common plug for feedback of the collected signals.

Available in two sizes
The modules are available with either four-way or eight-way M8 distributors.

Fast connection – small dimensions

SAI M12 connector D-coded with IDC connection

Nowadays, Ethernet cables are still frequently joined with traditional screw connections. Those connectors are relatively large, and their assembly is comparatively time-consuming. Connectors with insulation displacement connections save time and space.

The new SAI M12 connectors from Weidmüller have an insulation displacement connection and a unique shield connection solution. Installation saves time and costs in combination with PROFINET strands. The shield connection with a contact spring is likewise time- and cost-efficient. Each combination provides a suitable solution with remarkably small dimensions.

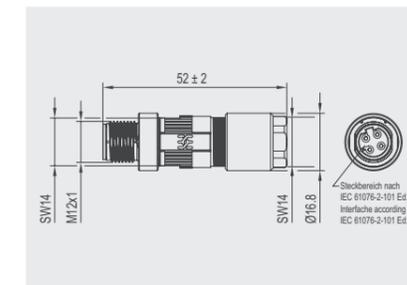


Your special advantages

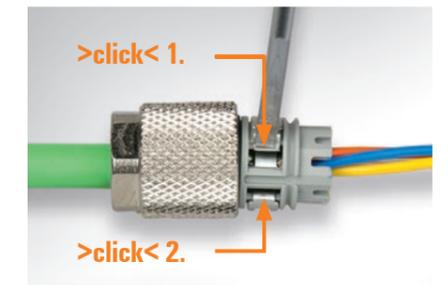
- Easy handling
- Very small design
- Good shield connection



Time-saving connection technology
Fast, safe insulation displacement connection for particularly economical installation.



Space-saving construction
Significantly smaller dimensions than standard connectors.



Simple shield connection
Its unique design makes the shield connection particularly simple.

Technical data

Type	Type of connection	Connection cross-section	Coding / No. of poles	Cable diameter	Rated voltage / Rated current	Order No.	Qty.
SAIS-M4S-IDC-M12-D-COD	Insulation displacement connection	0.14...0.34 mm ²	D / 4	9.7 mm	60 V / 1 A	2544780000	1

Powerful illumination of vehicle interiors

WIL LED light with power supply via 12 V electrical system plug

Vehicles often have inadequate interior lighting. In maintenance and repair work vehicles, it is difficult to find suitable tools, machines and consumables quickly.

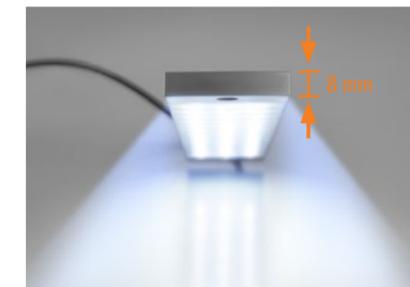
We developed the WIL LED light especially for the illumination of workshop and maintenance vehicles with 12 V technology. It has an impressive, highly luminous intensity with a bright and wide light cone. Power is supplied through any vehicle's 12 V electrical system plug. A long connection cable and a magnet on the rear side permit flexible illumination almost anywhere in the vehicle.

Your special advantages

- Bright and wide beam for optimal illumination
- Reversible mounting on all metal surfaces by a magnetic holder
- Power supply via the 12 V DC connection of the vehicle
- Extra-long cable for great flexibility



Optimal illumination
Particularly bright LEDs in a distinctive arrangement permit wide-range illumination.



Flat construction
The low height of only 8 mm ensures that movement is free and not restricted when working in the vehicle.



Reversible mounting
The magnetic attachment and the long connecting cable permit the WIL to be employed almost anywhere in the vehicle and under the bonnet.

Technical data

Type	Width	Rated voltage (text) / Rated current	Light colour (CCT)	Connection thread / Cable length	Order No.	Qty.
Screw fixation						
WIL-STANDARD-0.3-SCREW-SW-WHI	240 mm	24 V DC / 0,42 A	6500K, White	M12 / 0,3 m	2436210000	1
WIL-STANDARD-0.3-SCREW-SW-RED	240 mm	24 V DC / 0,36 A	Red	M12 / 0,3 m	2436340000	1
WIL-STANDARD-0.3-SCREW-SW-BLU	240 mm	24 V DC / 0,36 A	Blue	M12 / 0,3 m	2436350000	1
WIL-STANDARD-1.5-SCREW-SW-WHI	240 mm	24 V DC / 0,42 A	6500K, White	without / 1,5 m	2527880000	1
WIL-STANDARD-3.0-SCREW-SW-WHI	240 mm	24 V DC / 0,42 A	6500K, White	without / 3 m	2527890000	1
WIL-STANDARD-5.0-SCREW-SW-WHI	240 mm	24 V DC / 0,42 A	6500K, White	without / 5 m	2527900000	1
WIL-STANDARD-10-SCREW-SW-WHI	240 mm	24 V DC / 0,42 A	6500K, White	without / 10 m	2527910000	1
Magnetic fixation						
WIL-STANDARD-1.5-MAG-SW-WHI	240 mm	24 V DC / 0,42 A	6500K, White	without / 1,5 m	2527920000	1
WIL-STANDARD-10-MAG-SW-WHI	240 mm	24 V DC / 0,42 A	6500K, White	without / 10 m	2527950000	1
WIL-STANDARD-3.0-MAG-SW-WHI	240 mm	24 V DC / 0,42 A	6500K, White	without / 3 m	2527930000	1
WIL-STANDARD-5.0-MAG-SW-WHI	240 mm	24 V DC / 0,42 A	6500K, White	without / 5 m	2527940000	1
WIL length variants						
WIL-145-W-M12G-0.3U-S	145 mm	24 V DC / 0,20 A	6500K, White	M12 / 0,3 m	2535770000	1
WIL-145-W-XXXX-5.0U-S	145 mm	24 V DC / 0,20 A	6500K, White	without / 5 m	2535800000	1
WIL-350-W-M12G-0.3U-S	350 mm	24 V DC / 0,55 A	6500K, White	M12 / 0,3 m	2535810000	1
WIL-350-W-XXXX-5.0U-S	350 mm	24 V DC / 0,55 A	6500K, White	without / 5 m	2535820000	1
WIL-450-W-M12G-0.3U-S	450 mm	24 V DC / 0,65 A	6500K, White	M12 / 0,3 m	2535830000	1
WIL-450-W-XXXX-5.0U-S	450 mm	24 V DC / 0,65 A	6500K, White	without / 5 m	2535840000	1
WIL-555-W-M12G-0.3U-S	555 mm	24 V DC / 0,80 A	6500K, White	M12 / 0,3 m	2535850000	1
WIL-555-W-XXXX-5.0U-S	555 mm	24 V DC / 0,80 A	6500K, White	without / 5 m	2535860000	1
WIL-655-W-M12G-0.3U-S	655 mm	24 V DC / 0,90 A	6500K, White	M12 / 0,3 m	2535870000	1
WIL-655-W-XXXX-5.0U-S	655 mm	24 V DC / 0,90 A	6500K, White	without / 5 m	2535880000	1
WIL-765-W-M12G-0.3U-S	765 mm	24 V DC / 1,00 A	6500K, White	M12 / 0,3 m	2535890000	1
WIL-765-W-XXXX-5.0U-S	765 mm	24 V DC / 1,00 A	6500K, White	without / 5 m	2535900000	1
WIL-860-W-M12G-0.3U-S	860 mm	24 V DC / 1,10 A	6500K, White	M12 / 0,3 m	2535910000	1
WIL-860-W-XXXX-5.0U-S	860 mm	24 V DC / 1,10 A	6500K, White	without / 5 m	2535920000	1
WIL with 12 V Car connector						
WIL-240-W-Z12V-5.0U-S-M	240 mm	12 V DC / 0,70 A	6500K, White	5 m	2548620000	1

Technical data – Accessories

Type	Rated voltage (text)	Wiring	Connection thread	Cable length	Order No.	Qty.
Motion sensors						
WIL-BM-JP-M12-3.0U	24 V DC	PIN 4: + (black), PIN 3: - (blue)	M12	3 m	2537710000	1
WIL-BM-SK	24 V DC	PIN 4: + (black), PIN 3: - (blue)	Terminal		2537720000	1
WIL-BM-SK-M12-3.0U	24 V DC	PIN 4: + (black), PIN 3: - (blue)	M12	3 m	2537700000	1
Door switch						
WIL-TS-M12	24 V DC	PIN 4: + (black), PIN 3: - (blue)	M12	0,5 m	2537730000	1
Magnet						
WIL-MAGNET					2526810000	1
Swivelling holder						
WIL-SCHWENKHALTER					2614220000	1

Reliable transmission of data and signals in industrial environments

OMNIMATE® Data meets the highest requirements

Various PCB sockets are required for data transmission and signal connection in industrial environments. With D-Sub sockets from the OMNIMATE® Data series, we offer suitable PCB components for reliable data and signal transmission in any device application.

Our D-Sub sockets provide reliable connections within industrial devices with proven technology. Their shielding permits usage in devices that must function reliably in harsh, electromagnetically stressed environments. As a partner of Industrial Connectivity, we also supply the appropriate connectors-optional, including pre-assembled cables.



Your special advantages

- Variable outlet directions 90° and 180° allow optimum adaptation to various housing formats
- Established connection and fixation technology
- Ratings up to 3 A at 250V

Technical data

Type	Outgoing elbow / No. of poles	Model	Mounting onto the PCB	Side termination, characteristic	Packaging	Order No.	Qty.
D-SUB M6.1 T09VN 3.2N4 TY GY	180° / 9	Male connectors	THT solder connection	Hole	Tray (manual assembly)	2626620000	100
D-SUB M6.1 T09VU 3.2B4 TY BK	180° / 9	Male connectors	THT solder connection	Thread-nut UNC 4-40, Snap-on clip	Tray (manual assembly)	2626630000	100
D-SUB M6.1 T09VB 3.2B4 TY BK	180° / 9	Male connectors	THT solder connection	Thread-bolt UNC 4-40, Snap-on clip	Tray (manual assembly)	2626640000	100
D-SUB F6.1 T09VN 3.2N4 TY GY	180° / 9	Socket connector	THT solder connection	Hole	Tray (manual assembly)	2626650000	100
D-SUB F6.1 T09VU 3.2B4 TY BK	180° / 9	Socket connector	THT solder connection	Thread-nut UNC 4-40, Snap-on clip	Tray (manual assembly)	2626660000	100
D-SUB F6.1 T09VB 3.2B4 TY BK	180° / 9	Socket connector	THT solder connection	Thread-bolt UNC 4-40, Snap-on clip	Tray (manual assembly)	2626670000	100
D-SUB M6.3 T09HN 3.2N4 TY BK	90° / 9	Male connectors	THT solder connection	Thread-nut UNC 4-40, Snap-on clip	Tray (manual assembly)	2626680000	100
D-SUB M6.3 T09HB 3.2B4 TY BK	90° / 9	Male connectors	THT solder connection	Thread-bolt UNC 4-40, Snap-on clip	Tray (manual assembly)	2626690000	100
D-SUB F6.3 T09HN 3.2N4 TY BK	90° / 9	Socket connector	THT solder connection	Thread-bolt UNC 4-40, Snap-on clip	Tray (manual assembly)	2626700000	100
D-SUB F6.3 T09HB 3.2B4 TY BK	90° / 9	Socket connector	THT solder connection	Thread-bolt UNC 4-40, Snap-on clip	Tray (manual assembly)	2626710000	100



Simple installation
Due to the straight and angled designs, the sockets integrate into any installation situation.



High performance
Established locking systems in combination with polarisation and protection of the contacts fulfil standards in electronical applications.



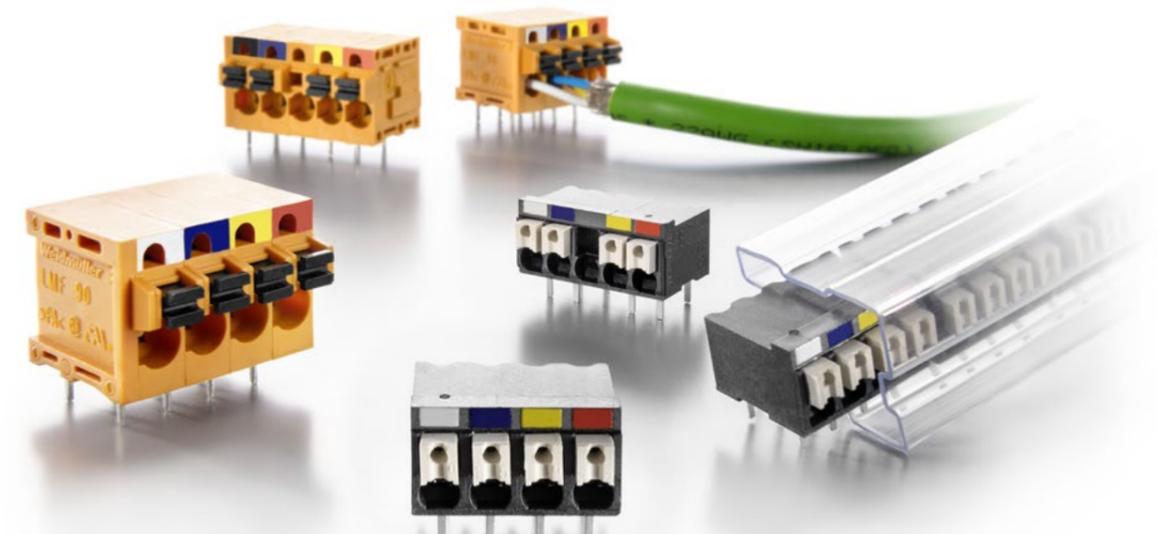
Broad range of applications
In compliance with the dimensions according to DIN 41652, a wide variety of applications, such as measuring devices, interfaces and electronic devices, are covered.

Economical networking of industrial IoT systems

OMNIMATE® Data Ethernet PCB terminals

In the course of digitalisation, more and more products, production techniques, and processes are interconnected in an industrial environment. Standardised interfaces thereby ensure communication amongst all elements.

Our new PCB terminals LMF PN und LSF-SMT PN offer an interesting and cost-effective alternative to conventional connection solutions such as RJ45 or M12. Using PUSH IN connection technology, they combine contact and vibration safety and simple, tool-free installation with distinctive colour coding for PROFINET.



Your special advantages

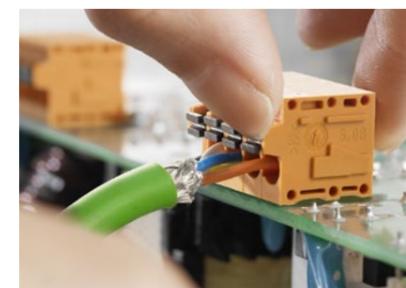
- Cost-effective alternative to RJ45 and M12 connections
- Ethernet-compliant data transmission, e.g. for PROFINET applications (up to 100 Mbit/s)
- Proven PUSH IN connection technology
- Suitable for THT and THR soldering processes
- According to ISO / IEC 11801-1 and EN 50173-1



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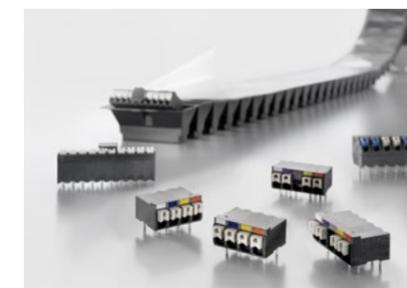
Technical data

Type	Pitch, in mm	Wire connection method	Performance-Category	Colour	Packaging	Order No.	Qty.
LSF-SMT 3.50/04/90PN 3.5SN BK TU	3.50 mm	PUSH IN	Cat. 5	black	Tube	2639520000	30
LSF-SMT 3.81/04/90PN 3.5SN BK TU	3.81 mm	PUSH IN	Cat. 5	black	Tube	2639530000	35
LMF 5.00/04/90PN 3.5SN OR BX	5.00 mm	PUSH IN	Cat. 5	orange	Box	2639700000	55
LMF 5.08/04/90PN 3.5SN OR BX	5.08 mm	PUSH IN	Cat. 5	orange	Box	2639760000	70



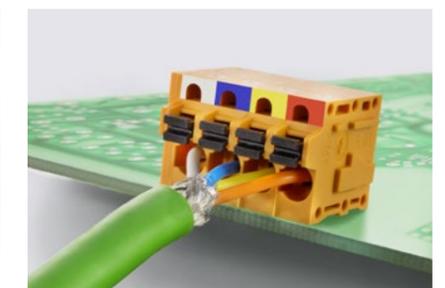
Cost-effective data interface

Reliable, future-proof connection solution with PUSH IN connection technology for fast, simple, and tool-free installation.



Individual application

Designed for different soldering processes (THT/THR). It installs flexibly due to different pitches and is particularly safe to mount because of coloured conductor coding.



Wide applications range

LMF PN and LSF-SMT PN are suitable for all IoT devices with applicable performance, and enable Ethernet-based data transmission for all common systems such as PROFINET, EtherNet/IP or EtherCAT.

Contact protection and EMC shielding for power electronics

OMNIMATE® Power male connector with a pluggable shielding plate

For power electronics devices, and in particular for drive technology, the device outputs generally need touch protection. Thereby, the contacting of the EMC shield support must be ensured, e.g. on servo drives or frequency inverters.

The new version of the OMNIMATE® pin connector SLF 7.62HP offers contact protection on both sides, while it permits direct contact between cable shield and device. The pluggable shield support has a special EMC spring contact band, which provides a large-area, durable and vibration-proof shield connection to the device housing during the plugging process. This solution also suits reverse voltage applications due to finger safety on both pin and socket strips on both sides.



Your special advantages

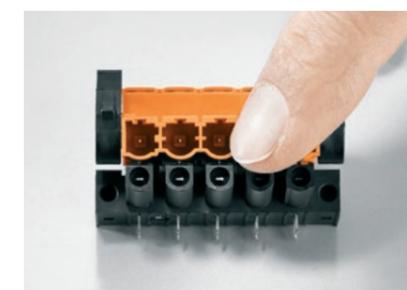
- The EMC shielding makes contact with The device housing immediately when plugged IN
- Double-sided finger safety on pin and socket strip
- Direct connection without tools due to PUSH IN technology
- Secure locking with screw flange or innovative lock and release lever

Technical data

Type	No. of poles	Side termination, characteristic	Rated voltage	Rated current	Packaging	Order No.	Qty.
SLF 7.62HP/04/180FSH160 SN BK BX	4	Flange	1000 V	24 A	Box	2632730000	42
SLF 7.62HP/04/180FSH180 SN BK BX	4	Flange	1000 V	24 A	Box	2614140000	42
SLF 7.62HP/04/180FSH200 SN BK BX	4	Flange	1000 V	24 A	Box	2632770000	42
SLF 7.62HP/04/180LRSH160 SN BK BX	4	Lock- & Release Lever	1000 V	24 A	Box	2632780000	42
SLF 7.62HP/04/180LRSH180 SN BK BX	4	Lock- & Release Lever	1000 V	24 A	Box	2614190000	42
SLF 7.62HP/04/180LRSH200 SN BK BX	4	Lock- & Release Lever	1000 V	24 A	Box	2632790000	42



Eliminating EMC problems
The integrated EMC shielding immediately makes contact with the metal enclosure of the device when plugged in and replaces complex devices for cable shields.



Compact safety
When not plugged in, the inverted models are finger-safe on both sides of the male and female connector. No additional measures are needed for DC links or motor connections.



PUSH IN technology
Solid conductors and conductors with crimped ferrules can be connected directly and without tools – for fast and safe wiring.

EMC shield supports for devices with plastic enclosures

OMNIMATE® Power connectors with pluggable shielding plate

For many drive technology devices, reliable contact with the EMC shielding is necessary to avoid EMC-related interference in the system. For devices with a plastic housing in the front area, the shield support is considerably more difficult to contact.

The new OMNIMATE® connector BVF 7.62 Hybrid with PUSH IN connection has a pluggable shielding plate with a special EMC spring contact strip. It enables large-area, durable and vibration-proof shield connection to the device. During the connection process, the connector attaches directly to a contact surface on the PCB. As a result, a reliable EMC cable shielding is implemented for devices with plastic enclosures.



Your special advantages

- Direct contact with the EMC shield support when plugging in
- Reliable connection via contact surface on the circuit board
- Secure fastening by means of bolted middle flange locking device
- Variable cable shielding outlet directions for easy device integration and adaptation to various housing formats

Technical data

Type	No. of poles	Side termination, characteristic	Rated voltage	Rated current	Packaging	Order No.	Qty.
BVF 7.62HP/04/180MSF4 BCF/4 SNBKBX SH90	4	closed side / middle flange	1000 V	38 A	Box	2614040000	28
BVFL 7.62HP/4/180MSF4 BCF/4 SNBKBX SH90	4	closed side / middle flange	1000 V	38 A	Box	2633400000	28



Avoid EMC problems

The integrated EMC shielding, when plugged in, attaches directly to a contact surface on the circuit board. Complex arrangements for cable screens on the device housing are unnecessary.



Easy device integration

Versions with straight or angled cable shield outlet at the connector allow variable integration. The screwable central flange lock ensures a secure and durable attachment to the device.



Practical hybrid connector

The OMNIMATE® hybrid connector BVF 7.62 combines power and signal contacts with a pluggable shield connection. Ideal for use as a single cable interface for motor connection to servo drives.

Contact EMC shields safely

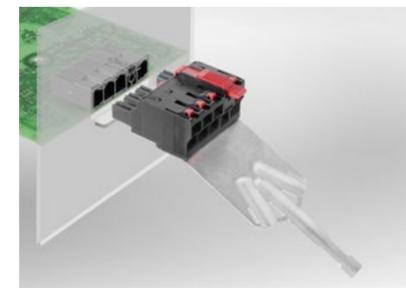
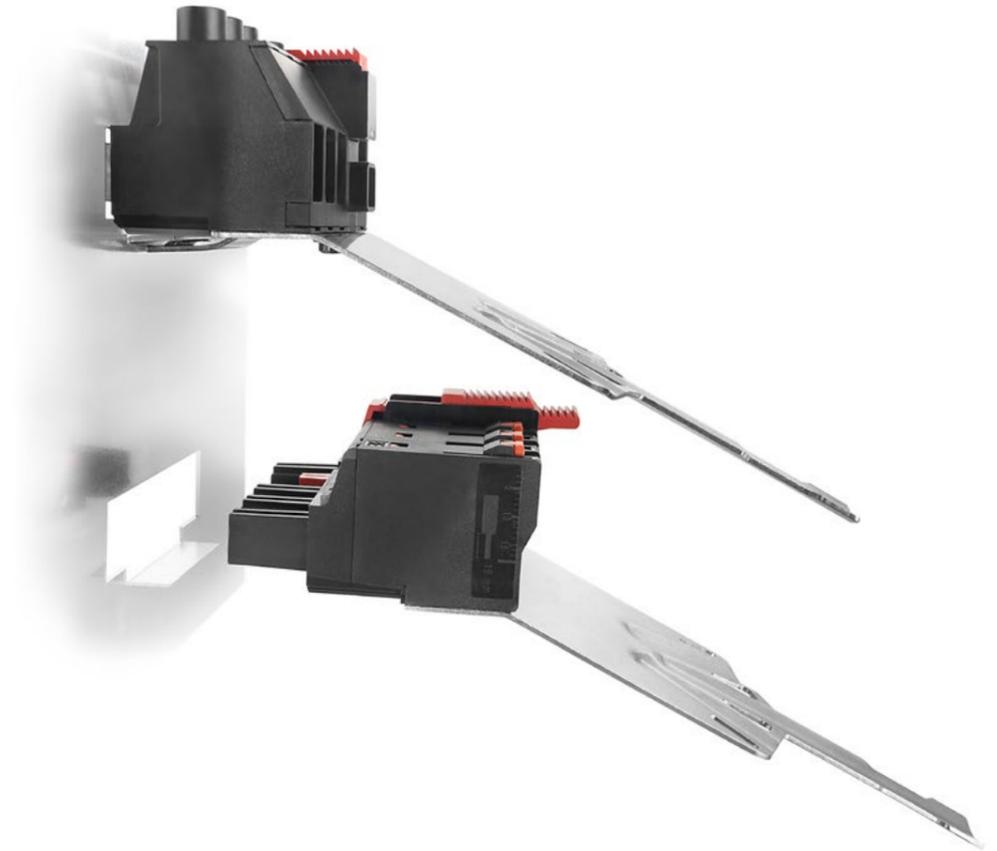
OMNIMATE® Power connectors with a pluggable shield plate

The safe contacting of EMC shields is critical in drive technology to avoid EMC-related interferences in the system. Typical applications are frequency inverters or servo drives.

Our new OMNIMATE® connectors BUZ 10.16 SH and BUF 10 16 SH have a pluggable shielding support with a special EMC spring contact strip. It enables large-area, durable and vibration-proof shield connections. When the connector is plugged in, it establishes a contact with the metal housing of the device. Equipped with either the innovative wire-ready PUSH IN connector or with the proven screw connector, each connector ensures a secure connection of shielded cables up to 16 mm².

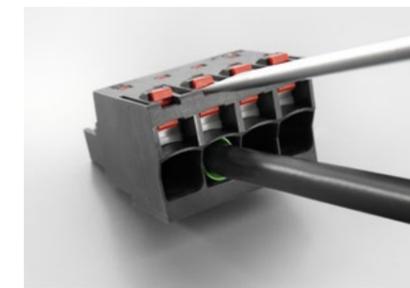
Your special advantages

- Contact of the EMC shielding to the metal housing of the device directly when plugging in
- Reliable locking with screw flange or central flange locking
- Simple conductor connection up to 16 mm² (AWG 4)



Avoid EMC problems

The integrated EMC shield is in contact with the metal housing of the device as soon as it is plugged in, thus eliminating the need for costly devices for cable shields.



PUSH IN technology with wire-ready function

The PUSH IN technology with adjustable wire-ready clamping point facilitates the connection of flexible conductors without any ferrules or conductors with very rigid insulation.



Proven clamping yoke screw connection

Screw connections can be operated intuitively by most users. Universal plus minus screws allow the use of slotted or cross-tip screwdrivers to establish a connection.

Technical data

Type	No. of poles	Side termination, characteristic	Rated voltage	Rated current	Packaging	Order No.	Qty.
BUF 10.16IT/03/180MF2SH160 AG BK BX	3	closed side / middle flange	1000 V	76 A		2627260000	20
BUF 10.16IT/03/180MF2SH180 AG BK BX	3	closed side / middle flange	1000 V	76 A		2627710000	20
BUF 10.16IT/03/180MF2SH200 AG BK BX	3	closed side / middle flange	1000 V	76 A		2627760000	20
BUF 10.16IT/03/180MF3SH160 AG BK BX	3	closed side / middle flange	1000 V	76 A		2627690000	20
BUF 10.16IT/03/180MF3SH180 AG BK BX	3	closed side / middle flange	1000 V	76 A		2627730000	20
BUF 10.16IT/03/180MF3SH200 AG BK BX	3	closed side / middle flange	1000 V	76 A		2627780000	20
BUF 10.16IT/04/180MF2SH160 AG BK BX	4	closed side / middle flange	1000 V	76 A		2627680000	20
BUF 10.16IT/04/180MF2SH180 AG BK BX	4	closed side / middle flange	1000 V	76 A		2627720000	20
BUF 10.16IT/04/180MF2SH200 AG BK BX	4	closed side / middle flange	1000 V	76 A		2627770000	20
BUF 10.16IT/04/180MF3SH160 AG BK BX	4	closed side / middle flange	1000 V	76 A		2627700000	20
BUF 10.16IT/04/180MF3SH180 AG BK BX	4	closed side / middle flange	1000 V	76 A		2627740000	20
BUF 10.16IT/04/180MF3SH200 AG BK BX	4	closed side / middle flange	1000 V	76 A		2627790000	20
BUF 10.16IT/04/180MF4SH180 AG BK BX	4	closed side / middle flange	1000 V	76 A		2627750000	20
BUF 10.16IT/04/180MF4SH200 AG BK BX	4	closed side / middle flange	1000 V	76 A		2627800000	20
BUF 10.16IT/03/180MSF2SH160 AG BK BX	3	closed side / middle screw flange	1000 V	76 A		2627810000	20
BUF 10.16IT/03/180MSF2SH180 AG BK BX	3	closed side / middle screw flange	1000 V	76 A		2627860000	20
BUF 10.16IT/03/180MSF2SH200 AG BK BX	3	closed side / middle screw flange	1000 V	76 A		2627910000	20
BUF 10.16IT/03/180MSF3SH160 AG BK BX	3	closed side / middle screw flange	1000 V	76 A		2627830000	20
BUF 10.16IT/03/180MSF3SH180 AG BK BX	3	closed side / middle screw flange	1000 V	76 A		2627880000	20
BUF 10.16IT/03/180MSF3SH200 AG BK BX	3	closed side / middle screw flange	1000 V	76 A		2627930000	20
BUF 10.16IT/04/180MSF2SH160 AG BK BX	4	closed side / middle screw flange	1000 V	76 A		2627820000	20
BUF 10.16IT/04/180MSF2SH180 AG BK BX	4	closed side / middle screw flange	1000 V	76 A		2627870000	20
BUF 10.16IT/04/180MSF2SH200 AG BK BX	4	closed side / middle screw flange	1000 V	76 A		2627920000	20
BUF 10.16IT/04/180MSF3SH160 AG BK BX	4	closed side / middle screw flange	1000 V	76 A		2627840000	20
BUF 10.16IT/04/180MSF3SH180 AG BK BX	4	closed side / middle screw flange	1000 V	76 A		2627890000	20
BUF 10.16IT/04/180MSF3SH200 AG BK BX	4	closed side / middle screw flange	1000 V	76 A		2627940000	20
BUF 10.16IT/04/180MSF4SH160 AG BK BX	4	closed side / middle screw flange	1000 V	76 A		2627850000	20
BUF 10.16IT/04/180MSF4SH180 AG BK BX	4	closed side / middle screw flange	1000 V	76 A		2627900000	20
BUF 10.16IT/04/180MSF4SH200 AG BK BX	4	closed side / middle screw flange	1000 V	76 A		2627950000	20
BUZ 10.16IT/03/180MF2SH160 AG BK BX	3	closed side / middle flange	1000 V	78.3 A		2627330000	20
BUZ 10.16IT/03/180MF2SH180 AG BK BX	3	closed side / middle flange	1000 V	78.3 A		2627380000	20
BUZ 10.16IT/03/180MF2SH200 AG BK BX	3	closed side / middle flange	1000 V	78.3 A		2627430000	20
BUZ 10.16IT/03/180MF3SH160 AG BK BX	3	closed side / middle flange	1000 V	78.3 A		2627350000	20
BUZ 10.16IT/03/180MF3SH180 AG BK BX	3	closed side / middle flange	1000 V	78.3 A		2627400000	20
BUZ 10.16IT/03/180MF3SH200 AG BK BX	3	closed side / middle flange	1000 V	78.3 A		2627450000	20
BUZ 10.16IT/04/180MF2SH160 AG BK BX	4	closed side / middle flange	1000 V	78.3 A		2627340000	20
BUZ 10.16IT/04/180MF2SH180 AG BK BX	4	closed side / middle flange	1000 V	78.3 A		2627390000	20
BUZ 10.16IT/04/180MF2SH200 AG BK BX	4	closed side / middle flange	1000 V	78.3 A		2627440000	20
BUZ 10.16IT/04/180MF3SH160 AG BK BX	4	closed side / middle flange	1000 V	78.3 A		2627360000	20
BUZ 10.16IT/04/180MF3SH180 AG BK BX	4	closed side / middle flange	1000 V	78.3 A		2627410000	20
BUZ 10.16IT/04/180MF3SH200 AG BK BX	4	closed side / middle flange	1000 V	78.3 A		2627460000	20
BUZ 10.16IT/04/180MF4SH160 AG BK BX	4	closed side / middle flange	1000 V	78.3 A		2627370000	20
BUZ 10.16IT/04/180MF4SH180 AG BK BX	4	closed side / middle flange	1000 V	78.3 A		2627420000	20
BUZ 10.16IT/04/180MF4SH200 AG BK BX	4	closed side / middle flange	1000 V	78.3 A		2627470000	20

Technical data

Type	No. of poles	Side termination, characteristic	Rated voltage	Rated current	Packaging	Order No.	Qty.
BUZ 10.16IT/03/180MSF2SH160 AG BK BX	3	closed side / middle screw flange	1000 V	78.3 A		2627480000	20
BUZ 10.16IT/03/180MSF2SH180 AG BK BX	3	closed side / middle screw flange	1000 V	78.3 A		2627530000	20
BUZ 10.16IT/03/180MSF2SH200 AG BK BX	3	closed side / middle screw flange	1000 V	78.3 A		2627580000	20
BUZ 10.16IT/03/180MSF3SH160 AG BK BX	3	closed side / middle screw flange	1000 V	78.3 A		2627500000	20
BUZ 10.16IT/03/180MSF3SH180 AG BK BX	3	closed side / middle screw flange	1000 V	78.3 A		2627550000	20
BUZ 10.16IT/03/180MSF3SH200 AG BK BX	3	closed side / middle screw flange	1000 V	78.3 A		2627600000	20
BUZ 10.16IT/04/180MSF2SH160 AG BK BX	4	closed side / middle screw flange	1000 V	78.3 A		2627490000	20
BUZ 10.16IT/04/180MSF2SH180 AG BK BX	4	closed side / middle screw flange	1000 V	78.3 A		2627540000	20
BUZ 10.16IT/04/180MSF2SH200 AG BK BX	4	closed side / middle screw flange	1000 V	78.3 A		2627590000	20
BUZ 10.16IT/04/180MSF3SH160 AG BK BX	4	closed side / middle screw flange	1000 V	78.3 A		2627510000	20
BUZ 10.16IT/04/180MSF3SH180 AG BK BX	4	closed side / middle screw flange	1000 V	78.3 A		2627560000	20
BUZ 10.16IT/04/180MSF3SH200 AG BK BX	4	closed side / middle screw flange	1000 V	78.3 A		2627610000	20
BUZ 10.16IT/04/180MSF4SH160 AG BK BX	4	closed side / middle screw flange	1000 V	78.3 A		2627520000	20
BUZ 10.16IT/04/180MSF4SH180 AG BK BX	4	closed side / middle screw flange	1000 V	78.3 A		2627570000	20
BUZ 10.16IT/04/180MSF4SH200 AG BK BX	4	closed side / middle screw flange	1000 V	78.3 A		2627620000	20

Efficient integration of power pin headers into the SMT process

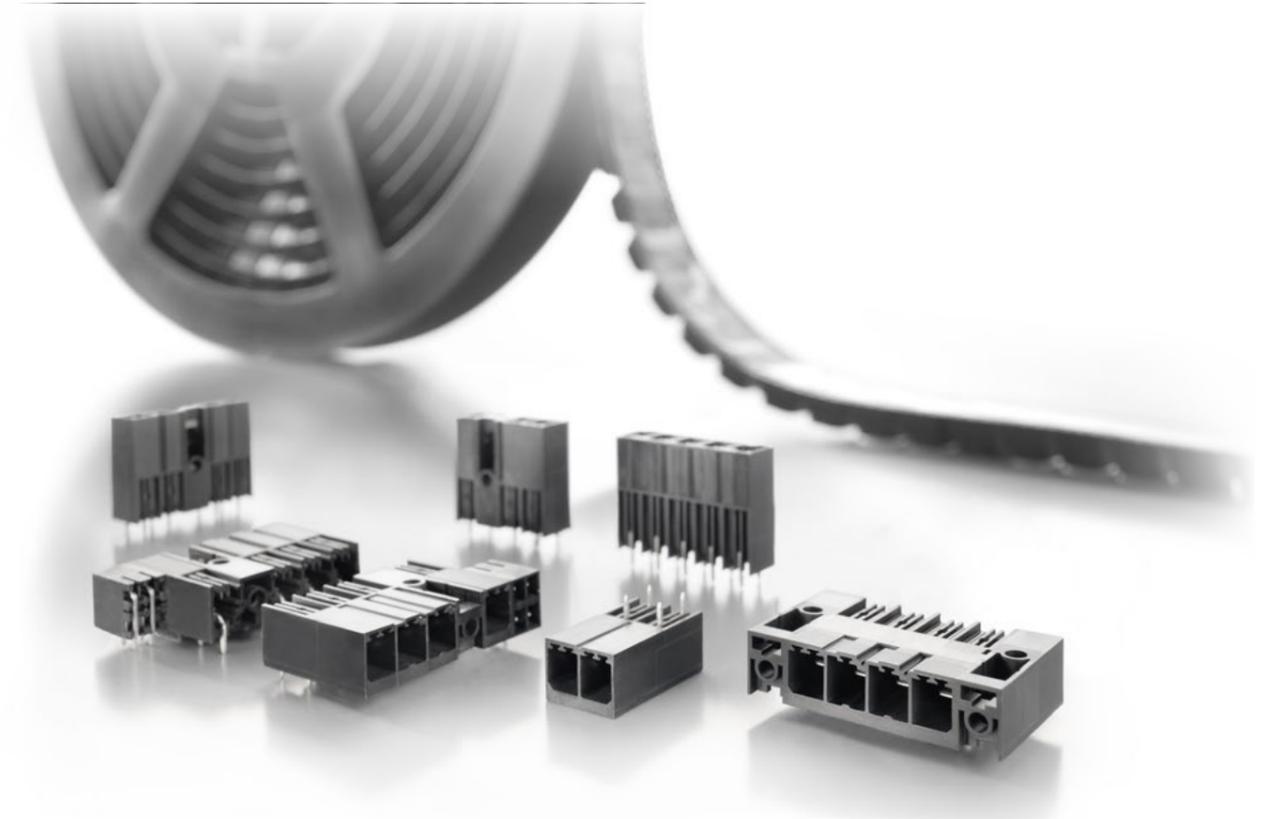
OMNIMATE® Power pin headers with THR solder connection

Miniaturisation, increasing functional density and cost pressure in assembly manufacturing have changed the processes in PCB assembly. The SMT process has become the current standard. Consequently, components for THR soldering are becoming increasingly more available in power electronics.

OMNIMATE® Power headers with THR technology offer the most comprehensive SMT process product line in power electronics termination technology. THR connection components from Weidmüller optimise device production in the electronics sector because they can be processed fully automatically and in a single manufacturing process with the module. As a result, assembly speeds up and manufacturing costs drop.

Your special advantages

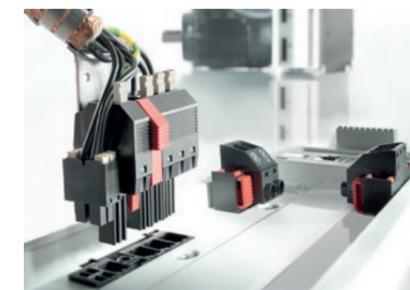
- Unrestricted voltage range because of temperature-resistant insulating material with high CTI
- Availability of all OMNIMATE Power SV 7.62 pin headers as THR version
- Efficient assembly with tape-on-reel packaging in standard belt widths
- Safe suction and precise setting of the pin header
- Positional tolerance of the solder pins according to IEC 61760-3



**UL
600 V**

No restrictions

Because of the high temperature-resistant insulating material with high CTI, the voltage range is not restricted compared to the conventional THT version of the products.



Great freedom in design

The PUSH IN technology with adjustable wire-ready clamping point facilitates the connection of flexible conductors without any ferrules or conductors with very rigid insulation.



Efficient assembly

Tape-on-reel packaging in standard belt widths enable easy automatic loading. Large suction surfaces and pick-and-place pads allow safe suction and precise placement of the pin strips.

Technical data

Type	No. of poles	Side termination, characteristic	Rated voltage	Rated current	Packaging	Order No.	Qty.
SV-SMT 7.62IT/02/90MF2 3.5SN BK BX	2	Middle flange	1000 V	41 A	Box	2498580000	50
SV-SMT 7.62IT/03/90MF2 3.5SN BK BX	3	Middle flange	1000 V	41 A	Box	2498590000	50
SV-SMT 7.62IT/03/90MF3 3.5SN BK BX	3	Middle flange	1000 V	41 A	Box	2498600000	50
SV-SMT 7.62IT/04/90MF2 3.5SN BK BX	4	Middle flange	1000 V	41 A	Box	2498610000	50
SV-SMT 7.62IT/04/90MF3 3.5SN BK BX	4	Middle flange	1000 V	41 A	Box	2498620000	50
SV-SMT 7.62IT/04/90MF4 3.5SN BK BX	4	Middle flange	1000 V	41 A	Box	2498630000	50
SV-SMT 7.62IT/02/90MSF2 3.5SN BK BX	2	Middle screw flange	1000 V	41 A	Box	2498680000	50
SV-SMT 7.62IT/03/90MSF2 3.5SN BK BX	3	Middle screw flange	1000 V	41 A	Box	2498690000	50
SV-SMT 7.62IT/03/90MSF3 3.5SN BK BX	3	Middle screw flange	1000 V	41 A	Box	2498700000	50
SV-SMT 7.62IT/04/90MSF2 3.5SN BK BX	4	Middle screw flange	1000 V	41 A	Box	2498710000	50
SV-SMT 7.62IT/04/90MSF3 3.5SN BK BX	4	Middle screw flange	1000 V	41 A	Box	2498720000	50
SV-SMT 7.62IT/04/90MSF4 3.5SN BK BX	4	Middle screw flange	1000 V	41 A	Box	2498730000	50
SV-SMT 7.62IT/02/270MF2 3.5SN BK BX	2	Middle flange	1000 V	41 A	Box	2498800000	50
SV-SMT 7.62IT/03/270MF2 3.5SN BK BX	3	Middle flange	1000 V	41 A	Box	2499010000	50
SV-SMT 7.62IT/03/270MF3 3.5SN BK BX	3	Middle flange	1000 V	41 A	Box	2499020000	50
SV-SMT 7.62IT/04/270MF2 3.5SN BK BX	4	Middle flange	1000 V	41 A	Box	2499030000	50
SV-SMT 7.62IT/04/270MF3 3.5SN BK BX	4	Middle flange	1000 V	41 A	Box	2499040000	50
SV-SMT 7.62IT/04/270MF4 3.5SN BK BX	4	Middle flange	1000 V	41 A	Box	2499050000	50
SV-SMT 7.62IT/02/270MSF2 3.5SN BK BX	2	Middle screw flange	1000 V	41 A	Box	2499100000	50
SV-SMT 7.62IT/03/270MSF2 3.5SN BK BX	3	Middle screw flange	1000 V	41 A	Box	2499110000	50
SV-SMT 7.62IT/03/270MSF3 3.5SN BK BX	3	Middle screw flange	1000 V	41 A	Box	2499120000	50
SV-SMT 7.62IT/04/270MSF2 3.5SN BK BX	4	Middle screw flange	1000 V	41 A	Box	2499130000	50
SV-SMT 7.62IT/04/270MSF3 3.5SN BK BX	4	Middle screw flange	1000 V	41 A	Box	2499140000	50
SV-SMT 7.62IT/04/270MSF4 3.5SN BK BX	4	Middle screw flange	1000 V	41 A	Box	2499150000	50

Technical data

Type	No. of poles	Side termination, characteristic	Rated voltage	Rated current	Packaging	Order No.	Qty.
SV-SMT 7.62HP/02/90G 2.6SN BK BX	2	closed side	1000 V	41 A	Box	2499320000	120
SV-SMT 7.62HP/03/90G 2.6SN BK BX	3	closed side	1000 V	41 A	Box	2499500000	50
SV-SMT 7.62HP/04/90G 2.6SN BK BX	4	closed side	1000 V	41 A	Box	2499550000	50
SV-SMT 7.62HP/05/90G 2.6SN BK BX	5	closed side	1000 V	41 A	Box	2499560000	48
SV-SMT 7.62HP/02/90F 2.6SN BK BX	2	Flange	1000 V	41 A	Box	2499520000	50
SV-SMT 7.62HP/03/90F 2.6SN BK BX	3	Flange	1000 V	41 A	Box	2499570000	50
SV-SMT 7.62HP/04/90F 2.6SN BK BX	4	Flange	1000 V	41 A	Box	2499580000	50
SV-SMT 7.62HP/05/90F 2.6SN BK BX	5	Flange	1000 V	41 A	Box	2499590000	50
SV-SMT 7.62HP/02/90SF 2.6SN BK BX	2	Screw flange	1000 V	41 A	Box	2499600000	50
SV-SMT 7.62HP/03/90SF 2.6SN BK BX	3	Screw flange	1000 V	41 A	Box	2499610000	50
SV-SMT 7.62HP/04/90SF 2.6SN BK BX	4	Screw flange	1000 V	41 A	Box	2499620000	36
SV-SMT 7.62HP/05/90SF 2.6SN BK BX	5	Screw flange	1000 V	41 A	Box	2499630000	50
SV-SMT 7.62HP/02/90LF 2.6SN BK BX	2	Solder flange	1000 V	41 A	Box	2499640000	50
SV-SMT 7.62HP/03/90LF 2.6SN BK BX	3	Solder flange	1000 V	41 A	Box	2499650000	50
SV-SMT 7.62HP/04/90LF 2.6SN BK BX	4	Solder flange	1000 V	41 A	Box	2499660000	50
SV-SMT 7.62HP/05/90LF 2.6SN BK BX	5	Solder flange	1000 V	41 A	Box	2499670000	50
SV-SMT 7.62HP/02/90LSF 2.6SN BK BX	2	Solder screw flange	1000 V	41 A	Box	2499680000	50
SV-SMT 7.62HP/03/90LSF 2.6SN BK BX	3	Solder screw flange	1000 V	41 A	Box	2499690000	50
SV-SMT 7.62HP/04/90LSF 2.6SN BK BX	4	Solder screw flange	1000 V	41 A	Box	2499700000	50
SV-SMT 7.62HP/05/90LSF 2.6SN BK BX	5	Solder screw flange	1000 V	41 A	Box	2499710000	50
SV-SMT 7.62HP/02/270G 2.6SN BK BX	2	closed side	1000 V	41 A	Box	2499330000	50
SV-SMT 7.62HP/03/270G 2.6SN BK BX	3	closed side	1000 V	41 A	Box	2499340000	50
SV-SMT 7.62HP/04/270G 2.6SN BK BX	4	closed side	1000 V	41 A	Box	2499350000	50
SV-SMT 7.62HP/05/270G 2.6SN BK BX	5	closed side	1000 V	41 A	Box	2499360000	50
SV-SMT 7.62HP/02/270F 2.6SN BK BX	2	Flange	1000 V	41 A	Box	2499540000	50
SV-SMT 7.62HP/03/270F 2.6SN BK BX	3	Flange	1000 V	41 A	Box	2499910000	50
SV-SMT 7.62HP/04/270F 2.6SN BK BX	4	Flange	1000 V	41 A	Box	2499920000	50
SV-SMT 7.62HP/05/270F 2.6SN BK BX	5	Flange	1000 V	41 A	Box	2499930000	50
SV-SMT 7.62HP/02/270SF 2.6SN BK BX	2	Screw flange	1000 V	41 A	Box	2499940000	50
SV-SMT 7.62HP/03/270SF 2.6SN BK BX	3	Screw flange	1000 V	41 A	Box	2499950000	50
SV-SMT 7.62HP/04/270SF 2.6SN BK BX	4	Screw flange	1000 V	41 A	Box	2499960000	50
SV-SMT 7.62HP/05/270SF 2.6SN BK BX	5	Middle screw flange	1000 V	41 A	Box	2499970000	50
SV-SMT 7.62HP/02/90G 2.6SN BK RL	2	closed side	1000 V	41 A	Tape	2545800000	110
SV-SMT 7.62HP/03/90G 2.6SN BK RL	3	closed side	1000 V	41 A	Tape	2546110000	110
SV-SMT 7.62HP/04/90G 2.6SN BK RL	4	closed side	1000 V	41 A	Tape	2546120000	110
SV-SMT 7.62HP/05/90G 2.6SN BK RL	5	closed side	1000 V	41 A	Tape	2546130000	110
SV-SMT 7.62HP/02/90SF 2.6SN BK RL	2	Screw flange	1000 V	41 A	Tape	2545810000	110
SV-SMT 7.62HP/03/90SF 2.6SN BK RL	3	Screw flange	1000 V	41 A	Tape	2545950000	110
SV-SMT 7.62HP/04/90SF 2.6SN BK RL	4	Screw flange	1000 V	41 A	Tape	2545960000	95
SV-SMT 7.62HP/05/90SF 2.6SN BK RL	5	Screw flange	1000 V	41 A	Tape	2545970000	95
SV-SMT 7.62HP/02/270G 2.6SN BK RL	2	closed side	1000 V	41 A	Tape	2546140000	110
SV-SMT 7.62HP/03/270G 2.6SN BK RL	3	closed side	1000 V	41 A	Tape	2546150000	110
SV-SMT 7.62HP/04/270G 2.6SN BK RL	4	closed side	1000 V	41 A	Tape	2546160000	110
SV-SMT 7.62HP/05/270G 2.6SN BK RL	5	closed side	1000 V	41 A	Tape	2546170000	110
SV-SMT 7.62HP/02/270SF 2.6SN BK RL	2	Screw flange	1000 V	41 A	Tape	2546020000	110
SV-SMT 7.62HP/03/270SF 2.6SN BK RL	3	Screw flange	1000 V	41 A	Tape	2546030000	110
SV-SMT 7.62HP/04/270SF 2.6SN BK RL	4	Screw flange	1000 V	41 A	Tape	2546040000	95
SV-SMT 7.62HP/05/270SF 2.6SN BK RL	5	Screw flange	1000 V	41 A	Tape	2546050000	95

Device developments designed with unique efficiency OMNIMATE® Services lead you to the optimal outcome

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Your special advantages

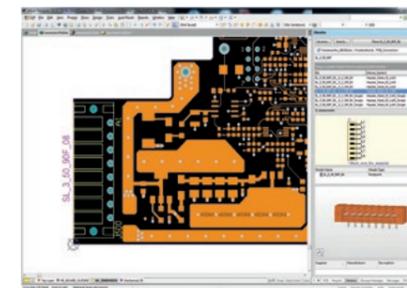
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Component libraries for EDA systems
No more time-consuming footprints and circuit symbols: Our component data is available for all established EDA systems, both as library or on the product level.



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Whether qualification values, material specifications or tolerance measures: Benefit from the high level of detail of our mechanical and electrical product data—both online and in our data sheets.

Flexible and safe insertion of pre-assembled cables

Cabtite – the new modular system cable entry system

Managing pre-assembled cables is challenging for many plant manufacturers, especially when the cables run through cabinet or enclosure walls. A flexible cable entry system speeds up installation, facilitates service, and minimises downtime.

With the Cabtite cable entry system, maximal flexibility and time savings in cable management can be achieved. Assembled and unassembled cables in control cabinets, enclosures and machines are securely sealed and protected against tensile stress. The modular design consisting of a frame or cable gland, snap-in inlays and sealing elements allows quick configuration of cable entry cut-outs – without tools and with reliable sealing in IP66 according to DIN EN 60529.

Your special advantages

- Maximum flexibility and time savings
- High IP protection class (IP66) as well NEMA 4x and 12
- Integrated strain relief acc. to DIN EN 62444
- Installation safety through simple handling with acoustic feedback
- Preservation of the manufacturer's guarantee for pre-assembled cables
- Fast adaptation of cable management in the event of system changes, service and maintenance cases



www.weidmueller.com/Cabtite



Individual assembly

Whether with frames or with separable cable glands with inlay and sealing elements: the basic modular components guarantee maximal flexibility and a wide range of variants.



High reliability

One click informs the user about the correct installation and guarantees error-free operation. The foamed-in seals guarantee high IP and NEMA protection.



No loss of warranty

Due to the cut-in sealing elements, the cables and wires are precisely encased. Existing connectors do not have to be dismantled – and the manufacturer's warranty is maintained.

Technical data – Frame Sets

Type	Material / Colour	Protection degree / Protection class (UL)	Sealing element	Operating temperature	UL 94 flammability rating	Order No.	Qty.
CABTITE FR 4-1 BK SET	Polyamide, glass fibre-reinforced / Deep black	IP54, IP65, IP66 / Type 12, Type 4x	1 large sealing element or 4 small sealing elements	-40...120 °C	V-0	2583780000	1
CABTITE FR 10/6 BK SET	Polyamide, glass fibre-reinforced / Deep black	IP54, IP65, IP66 / Type 12, Type 4x	6 small sealing elements or 1 large sealing element and 2 small sealing elements	-40...120 °C	V-0	2583760000	1
CABTITE FR 16/8 BK SET	Polyamide, glass fibre-reinforced / Deep black	IP54, IP65, IP66 / Type 12, Type 4x	2 large sealing elements or 4 small sealing elements or 1 large sealing element and 4 small sealing elements or 8 small sealing elements	-40...120 °C	V-0	2583740000	1
CABTITE FR 24/10 BK SET	Polyamide, glass fibre-reinforced / Deep black	IP54, IP65, IP66 / Type 12, Type 4x	2 large sealing elements and 4 small sealing elements or 1 large sealing element and 6 small sealing elements or 10 small sealing elements	-40...120 °C	V-0	2583720000	1

Technical data – Sealing Elements

Type	Material	Colour	Clamping range min. / max.	Operating temperature	UL 94 flammability rating	Order No.	Qty.
CABTITE SE 3-4 SML BK	TPE	Deep black	3...4 mm	-40...120 °C	HB	2584730000	10
CABTITE SE 3-4 SML GY	TPE	Light Grey	3...4 mm	-40...90 °C	V-0	2583400000	10
CABTITE SE 4-5 SML BK	TPE	Deep black	4...5 mm	-40...120 °C	HB	2584680000	10
CABTITE SE 4-5 SML GY	TPE	Light Grey	4...5 mm	-40...90 °C	V-0	2583440000	10
CABTITE SE 2/4-5 SML GY	TPE	Light Grey	4...5 mm	-40...90 °C	V-0	2584900000	10
CABTITE SE 4/4-5 SML BK	TPE	Deep black	4...5 mm	-40...120 °C	HB	2583560000	10
CABTITE SE 4/4-5 SML GY	TPE	Light Grey	4...5 mm	-40...90 °C	V-0	2584840000	10
CABTITE SE 5-6 SML BK	TPE	Deep black	5...6 mm	-40...120 °C	HB	2584710000	10
CABTITE SE 5-6 SML GY	TPE	Light Grey	5...6 mm	-40...90 °C	V-0	2583450000	10
CABTITE SE 2/5-6 SML BK	TPE	Deep black	5...6 mm	-40...120 °C	HB	2583610000	10
CABTITE SE 2/5-6 SML GY	TPE	Light Grey	5...6 mm	-40...90 °C	V-0	2584890000	10
CABTITE SE 6-7 SML BK	TPE	Deep black	6...7 mm	-40...120 °C	HB	2584690000	10
CABTITE SE 6-7 SML GY	TPE	Light Grey	6...7 mm	-40...90 °C	V-0	2583460000	10
CABTITE SE 7-8 SML BK	TPE	Deep black	7...8 mm	-40...120 °C	HB	2584670000	10
CABTITE SE 7-8 SML GY	TPE	Light Grey	7...8 mm	-40...90 °C	V-0	2584660000	10
CABTITE SE 2/7 SML GY	TPE	Light Grey	7...8 mm	-40...90 °C	V-0	2584830000	10
CABTITE SE 2/7 SML BK	TPE	Deep black	7...8 mm	-40...120 °C	HB	2583550000	10
CABTITE SE 8-9 SML BK	TPE	Deep black	8...9 mm	-40...120 °C	HB	2584330000	10
CABTITE SE 8-9 SML GY	TPE	Light Grey	8...9 mm	-40...90 °C	V-0	2584650000	10
CABTITE SE 9-10 SML BK	TPE	Deep black	9...10 mm	-40...120 °C	HB	2584080000	10
CABTITE SE 9-10 SML GY	TPE	Light Grey	9...10 mm	-40...90 °C	V-0	2584630000	10
CABTITE SE 10-11 SML BK	TPE	Deep black	10...11 mm	-40...120 °C	HB	2584060000	10
CABTITE SE 10-11 SML GY	TPE	Light Grey	10...11 mm	-40...90 °C	V-0	2584610000	10
CABTITE SE 11-12 SML BK	TPE	Deep black	11...12 mm	-40...120 °C	HB	2584040000	10
CABTITE SE 11-12 SML GY	TPE	Light Grey	11...12 mm	-40...90 °C	V-0	2584600000	10
CABTITE SE 12-13 SML BK	TPE	Deep black	12...13 mm	-40...120 °C	HB	2584020000	10
CABTITE SE 12-13 SML GY	TPE	Light Grey	12...13 mm	-40...90 °C	V-0	2584590000	10
CABTITE SE 13-14 SML BK	TPE	Deep black	13...14 mm	-40...120 °C	HB	2584000000	10
CABTITE SE 13-14 SML GY	TPE	Light Grey	13...14 mm	-40...90 °C	V-0	2584570000	10
CABTITE SE 14-15 SML GY	TPE	Light Grey	14...15 mm	-40...90 °C	V-0	2584560000	10
CABTITE SE 15-16 SML GY	TPE	Light Grey	15...16 mm	-40...90 °C	V-0	2584550000	10
CABTITE SE 16-17 LRG GY	TPE	Light Grey	16...17 mm	-40...90 °C	V-0	2584490000	10
CABTITE BSE SML GY	TPE	Light Grey		-40...90 °C	V-0	2583350000	10
CABTITE BSE SML BK	TPE	Deep black		-40...120 °C	HB	2584790000	10

Technical data – Separable cable glands

Type	Material / Colour	Protection degree	Sealing element	Operating temperature	UL 94 flammability rating	Order No.	Qty.
CABTITE CGS M25 BK	Polyamide, glass fibre-reinforced / Deep black	IP54, IP65, IP66	1 small sealing element	-40...120 °C	V-0	2584180000	10
CABTITE CGS M32 BK	Polyamide, glass fibre-reinforced / Deep black	IP54, IP65, IP66	1 small sealing element	-40...120 °C	V-0	2584160000	10
CABTITE CGS M63 BK	Polyamide, glass fibre-reinforced / Deep black	IP54, IP65, IP66	1 large sealing element or 4 small sealing elements	-40...120 °C	V-0	2584120000	5

Fast wiring of relays in industrial environments

PUSH IN sockets for DRI and DRM relays

Relay modules are used for insulation and switching amplification in various industrial areas and applications. With up to 28 connection points per socket, they have a considerable influence on the wiring time during installation.

The choice of socket connection technology is decisive for optimal, fast installation. The PUSH IN sockets of the D-SERIES significantly reduce the wiring time. An integrated cross-connect option allows the sockets to be connected to each other via jumpers. Each connection has an additional test tap, which significantly simplifies maintenance work.

KITs available



Your special advantages

- PUSH IN connection with integrated pusher
- Two PUSH IN connections per potential
- Integrated cross-connection via jumpers
- Retaining clips with holder for markers



www.weidmueller.com/dseries-pushin

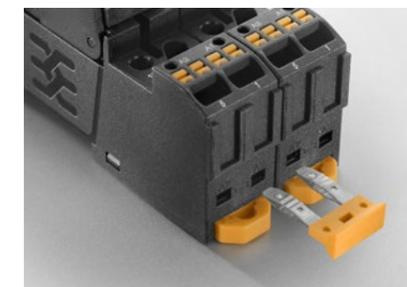


Let's connect.

Fully assembled and function-tested KITs
Our relay KITs are particularly convenient to use. They are completely assembled and 100% function-tested. Overall, they save time during installation. Each set has an article number for ordering, thus reducing storage requirements.



PUSH IN connection with test point
The PUSH IN connection speeds up the wiring. The integrated test point facilitates troubleshooting during operation.



Pluggable cross-connections
Jumpers enable daisy chaining of the A2 ports.



Retaining clips with holder for markers
The marker on the retaining clip provides optimal visibility and precise identification, even when wires are connected.

Technical data

Type	Contact type	Rated switching voltage	Continuous current	Version	Order No.	Qty.
Relay sockets for DRI relays						
SDI 1CO P	1 CO contact	250 V AC	12 A		7760056364	10
SDI 2CO P	2 CO contact	250 V AC	8 A		7760056365	10
Relay sockets for DRM relays						
SCM 2CO P	2 CO contact	250 V AC	12 A		7760056362	10
SCM 4CO P	4 CO contact	250 V AC	6 A		7760056363	10
Cross connection for relay sockets with PUSH IN connections SDI and SCM						
SCM/SDI P CC				for D-SERIES sockets with PUSH IN connection	7760056366	10
Plastic retaining clip for relay sockets SDI						
SDI CLIP P				with marker holder	7760056389	10
Metal retaining clip for relay sockets SDI						
SDI CLIP HM				for DRI relays with test button	7760056390	10
SDI CLIP LM				for DRI relays without test button	7760056368	10
Plastic retaining clip for relay sockets SCM						
SCM CLIP P				with marker holder	7760056367	5

Technical data - PUSH IN-KITs

Type	Rated control voltage	Status indicator	Protective circuit	Contact type	Continuous current	Order No.	Qty.
Complete module consisting of DRI relay, socket and retaining clip							
DRIKITP 24VDC 1CO LD	24 V DC	Green LED	Free-wheel diode	1 CO contact (AgNi)	10 A	2576220000	10
DRIKITP 24VDC 1CO LD/PB	24 V DC	Green LED	Free-wheel diode	1 CO contact with test button (AgNi)	10 A	2576210000	10
DRIKITP 24VAC 1CO LD	24 V AC	Red LED		1 CO contact (AgNi)	10 A	2576260000	10
DRIKITP 24VAC 1CO LD/PB	24 V AC	Red LED		1 CO contact with test button (AgNi)	10 A	2576250000	10
DRIKITP 115VAC 1CO LD	115 V AC	Red LED		1 CO contact (AgNi)	10 A	2575980000	10
DRIKITP 115VAC 1CO LD/PB	115 V AC	Red LED		1 CO contact with test button (AgNi)	10 A	2576180000	10
DRIKITP 230VAC 1CO LD	230 V AC	Red LED		1 CO contact (AgNi)	10 A	2576280000	10
DRIKITP 230VAC 1CO LD/PB	230 V AC	Red LED		1 CO contact with test button (AgNi)	10 A	2576160000	10
DRIKITP 24VDC 2CO LD	24 V DC	Green LED	Free-wheel diode	2 CO contact (AgNi)	5 A	2576200000	10
DRIKITP 24VDC 2CO LD/PB	24 V DC	Green LED	Free-wheel diode	2 CO contact with test button (AgNi)	5 A	2576190000	10
DRIKITP 24VAC 2CO LD	24 V AC	Red LED		2 CO contact (AgNi)	5 A	2576240000	10
DRIKITP 24VAC 2CO LD/PB	24 V AC	Red LED		2 CO contact with test button (AgNi)	5 A	2576230000	10
DRIKITP 115VAC 2CO LD	115 V AC	Red LED		2 CO contact (AgNi)	5 A	2576290000	10
DRIKITP 115VAC 2CO LD/PB	115 V AC	Red LED		2 CO contact with test button (AgNi)	5 A	2576170000	10
DRIKITP 230VAC 2CO LD	230 V AC	Red LED		2 CO contact (AgNi)	5 A	2576270000	10
DRIKITP 230VAC 2CO LD/PB	230 V AC	Red LED		2 CO contact with test button (AgNi)	5 A	2576150000	10
Complete module consisting of DRM relay, socket and retaining clip							
DRMKITP 24VDC 2CO LD	24 V DC	Green LED	Free-wheel diode	2 CO contact (AgNi 0,15 µm Au)	10 A	2576110000	10
DRMKITP 24VDC 2CO LD/PB	24 V DC	Green LED	Free-wheel diode	2 CO contact with test button (AgNi 0,15 µm Au)	10 A	2576120000	10
DRMKITP 24VAC 2CO LD	24 V AC	Red LED		2 CO contact (AgNi 0,15 µm Au)	10 A	2576070000	10
DRMKITP 24VAC 2CO LD/PB	24 V AC	Red LED		2 CO contact with test button (AgNi 0,15 µm Au)	10 A	2576080000	10
DRMKITP 115VAC 2CO LD	115 V AC	Red LED		2 CO contact (AgNi 0,15 µm Au)	10 A	2575990000	10
DRMKITP 115VAC 2CO LD/PB	115 V AC	Red LED		2 CO contact with test button (AgNi 0,15 µm Au)	10 A	2576000000	10
DRMKITP 230VAC 2CO LD	230 V AC	Red LED		2 CO contact (AgNi 0,15 µm Au)	10 A	2576030000	10
DRMKITP 230VAC 2CO LD/PB	230 V AC	Red LED		2 CO contact with test button (AgNi 0,15 µm Au)	10 A	2576040000	10
DRMKITP 24VDC 4CO LD	24 V DC	Green LED	Free-wheel diode	4 CO contact (AgNi 0,15 µm Au)	5 A	2576130000	10
DRMKITP 24VDC 4CO LD/PB	24 V DC	Green LED	Free-wheel diode	4 CO contact with test button (AgNi 0,15 µm Au)	5 A	2576140000	10
DRMKITP 24VAC 4CO LD	24 V AC	Red LED		4 CO contact (AgNi 0,15 µm Au)	5 A	2576090000	10
DRMKITP 24VAC 4CO LD/PB	24 V AC	Red LED		4 CO contact with test button (AgNi 0,15 µm Au)	5 A	2576100000	10
DRMKITP 115VAC 4CO LD	115 V AC	Red LED		4 CO contact (AgNi 0,15 µm Au)	5 A	2576010000	10
DRMKITP 115VAC 4CO LD/PB	115 V AC	Red LED		4 CO contact with test button (AgNi 0,15 µm Au)	5 A	2576020000	10
DRMKITP 230VAC 4CO LD	230 V AC	Red LED		4 CO contact (AgNi 0,15 µm Au)	5 A	2576050000	10
DRMKITP 230VAC 4CO LD/PB	230 V AC	Red LED		4 CO contact with test button (AgNi 0,15 µm Au)	5 A	2576060000	10

An everlasting power supply for buildings and machines

INSTA POWER power supplies – compact, efficient and reliable

A lot of small distribution boards, meter cabinets and electrical distributions are often used in building automation and machinery industry. The efficient power supply solutions with high power density and high efficiency are in demand here.

The single phase INSTA POWER switched-mode power supplies have a broad power spectrum, compact design, and good price-performance ratio. They operate in a temperature range from -25 °C to +70 °C and have international approvals and wide-range voltage input. They are suitable for a variety of applications, which include signal and telecommunication systems and automation systems with low power requirements up to 96 W.

Your special advantages

- Extremely compact and particularly energy-efficient
- Available in nine variants with 5 V, 12 V, 24 V and 48 V DC output voltage
- Universally applicable due to international approvals (e.g. cCSAus, Cl. 1, Div. 2 and NEC Class2)
- Flexible mounting on mounting rails or the control cabinet wall
- Fast installation with PUSH IN connection technology

Technical data

Type	AC input voltage range / DC input voltage range	Rated output voltage	Nominal output current for U _{nom}	Degree of efficiency	Width	Order No.	Qty.
PRO INSTA 16W 24V 0.7A	85...264 V AC (Derating @ 100 V AC) / 95...370 V DC	24 V DC ± 1 %	0.7 A @ 55 °C	82.5 %	22.5 mm	2580180000	1
PRO INSTA 30W 12V 2.6A	85...264 V AC (Derating @ 100 V AC) / 95...370 V DC	12 V DC ± 1 %	2.6 A @ 55 °C	85 %	54 mm	2580220000	1
PRO INSTA 30W 24V 1.3A	85...264 V AC (Derating @ 100 V AC) / 95...370 V DC	24 V DC ± 1 %	1.3 A @ 55 °C	86%	54 mm	2580190000	1
PRO INSTA 30W 5V 6A	85...264 V AC (Derating @ 100 V AC) / 95...370 V DC	5 V DC ± 1 %	6 A @ 55 °C	82 %	72 mm	2580210000	1
PRO INSTA 60W 12V 5A	85...264 V AC (Derating @ 100 V AC) / 95...370 V DC	12 V DC ± 1 %	5 A @ 55 °C	86%	72 mm	2580240000	1
PRO INSTA 60W 24V 2.5A	85...264 V AC (Derating @ 100 V AC) / 95...370 V DC	24 V DC ± 1 %	2.5 A @ 55 °C	89%	72 mm	2580230000	1
PRO INSTA 90W 24V 3.8A	85...264 V AC (Derating @ 100 V AC) / 95...370 V DC	24 V DC ± 1 %	3.8 A @ 55 °C	87 %	90 mm	2580250000	1
PRO INSTA 96W 24V 4A	85...264 V AC (Derating @ 100 V AC) / 95...370 V DC	24 V DC ± 1 %	4 A @ 55 °C	87 %	90 mm	2580260000	1
PRO INSTA 96W 48V 2A	85...264 V AC (Derating @ 100 V AC) / 95...370 V DC	48 V DC ± 1 %	2 A @ 55 °C	89%	90 mm	2580270000	1



Extremely space- and energy-saving
With a basic depth of only 60 mm, INSTA POWER fits into the smallest control cabinets. The high efficiency of up to 91 % and the extremely low no-load power loss of max. 0.5 W ensure minimum energy costs.

Robust and reliable
INSTA POWER operates reliably in a temperature range from -25 °C to +70 °C (start-up: -40 °C) and have a high MTBF value of more than 1,000,000 hours.

Easy and quick to install
The INSTA POWER devices can either be snapped onto a DIN rail or screwed to the control cabinet wall. The maintenance work and measurements can be carried out conveniently via the PUSH IN connections.

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.

Your special advantages

- Data transparency and remote control due to IO-Link
- Maximal flexibility thanks to a modular system
- Voltage-adaptive load monitoring according to Class 2
- Time and cost savings due to an integrated distribution of potential
- Simple migration from maxGUARD to topGUARD



Technical data

Type	Rated current	Adjustable range	Width	Operating temperature	DC input voltage range	Order No.	Qty.
TGD FIM-C			35 mm	-25...70 °C	18...30 V DC	2625000000*	1
TGD ELM-6	6.00 A	1-6 A	6.1 mm	-25...70 °C	18...30 V DC	2624980000*	1
TGD ELM-12	12.00 A	4-12 A	12.2 mm	-25...70 °C	18...30 V DC	2624990000*	1
TGD ELM-4 CL2	4.00 A		6.1 mm	-25...70 °C	18...30 V DC	2656670000*	1

* Available July 2019

Type	Connection type	IO link standard	Module type	Interface	Order No.	Qty.
PRO COM IO-LINK	IO-Link	IEC 61131-9	plug-on module	topGUARD interconnection interface, PROtop interconnection interface	2587360000*	1

* Available July 2019



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.



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.



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.

Optimal protection of energy systems infrastructures

VARITECTOR PU AC provides safety with efficient surge protection

With increasing digitalisation, an increasingly sensitive infrastructure of intelligent devices and systems is emerging. As a result, surge protection is becoming considerably more important in all application areas and industries.

Ever more efficient overvoltage protection solutions are required, especially in energy supply areas like renewable energy generation, process industry, and building infrastructure. VARITECTOR PU AC surge protection devices offer a leading price-performance ratio. They enable fuseless operation up to 315 A, are certified according to UL 1449 Ed. 4 and convince with particularly efficient design.

Fuseless operation
up to 315 A



Your special advantages

- Fuseless operation up to 315 A backup fuse
- Certification in accordance with current IEC/EN standards and UL 1449 Ed. 4 for worldwide application
- Full protection status control with optional pre-warning function
- Intelligent locking mechanisms ensure reliable operation even under harsh environmental conditions

Global applicable

Certification in accordance with international IEC/EN standards and the latest UL 1449 Ed. 4 standard guarantees universal use in any application.



High performance

The specially developed disconnection mechanism enables safe operation with high fuse ratings up to 315 A for type I and II products. UL classification as 1CA/2CA allows use in the most demanding application classes.



Complete status control

All products of the VPU AC series have optical signaling. Variants with a pre-warning display enable uninterrupted protection. The remote signaling output indicates the pre-warning status.



Extended N/PE protection

N/PE surge arresters in product variants VPU AC 3+1 and VPU AC 1+1 indicate the status of the protective element and transmit it via the remote signaling output.

Technical data

Type	Max. continuous voltage, U _c (AC)	Lightning test current I _{imp} (10/350 μs) (L-PE)	I _{max} (8/20μs) wire-PE	Protection level U _p (typ.)	Low voltage network	Order No.	Qty.
VPU AC I 1 300/12.5	300 V	12.5 kA	50 kA	≤ 1.5 kV	Single-phase	2591380000	1
VPU AC I 1 R 300/12.5	300 V	12.5 kA	50 kA	≤ 1.5 kV	Single-phase	2591390000	1
VPU AC I 1 300/12.5 LCF	300 V	12.5 kA	65 kA	≤ 1.5 kV	Single-phase	2636950000	1
VPU AC I 1 R 300/12.5 LCF	300 V	12.5 kA	65 kA	≤ 1.5 kV	Single-phase	2636960000	1
VPU AC I 1 N-PE 305/50	305 V	50 kA	100 kA	≤ 1.5 kV	Single-phase	2591570000	1
VPU AC I 1 480/10	480 V	10 kA	50 kA	≤ 2.1 kV	Single-phase	2591510000	1
VPU AC I 1 R 480/10	480 V	10 kA	50 kA	≤ 2.1 kV	Single-phase	2591520000	1
VPU AC I 2 300/12.5	300 V	12.5 kA	50 kA	≤ 1.5 kV	Single-phase, TN	2591400000	1
VPU AC I 2 R 300/12.5	300 V	12.5 kA	50 kA	≤ 1.5 kV	Single-phase, TN	2591410000	1
VPU AC I 2 440/25 LCF	440 V	25 kA	100 kA	≤ 2.5 kV	Single-phase, TN, TN-S	2619130000	1
VPU AC I 2 R 440/25 LCF	440 V	25 kA	100 kA	≤ 2.5 kV	Single-phase, TN, TN-S	2619140000	1
VPU AC I 3 300/12.5	300 V	12.5 kA	50 kA	≤ 1.5 kV	TN-C (U _n ≤ 230/400 V)	2591440000	1
VPU AC I 3 R 300/12.5	300 V	12.5 kA	50 kA	≤ 1.5 kV	TN-C (U _n ≤ 230/400 V)	2591450000	1
VPU AC I 3 300/12.5 LCF	300 V	12.5 kA	65 kA	≤ 1.5 kV	TN-C	2636970000	1
VPU AC I 3 R 300/12.5 LCF	300 V	12.5 kA	65 kA	≤ 1.5 kV	TN-C	2636980000	1
VPU AC I 3 440/25 LCF	440 V	25 kA	100 kA	≤ 2.5 kV	TN-C	2619160000	1
VPU AC I 3 R 440/25 LCF	440 V	25 kA	100 kA	≤ 2.5 kV	TN-C	2619170000	1
VPU AC I 3 480/10	480 V	10 kA	50 kA	≤ 2.1 kV	TN-C	2591530000	1
VPU AC I 3 R 480/10	480 V	10 kA	50 kA	≤ 2.1 kV	TN-C	2591540000	1
VPU AC I 4 300/12.5	300 V	12.5 kA	50 kA	≤ 1.5 kV	TN-C-S, TN-S	2591420000	1
VPU AC I 4 R 300/12.5	300 V	12.5 kA	50 kA	≤ 1.5 kV	TN-C-S, TN-S	2591430000	1
VPU AC I 4 440/25 LCF	440 V	25 kA	100 kA	≤ 2.5 kV	TN-C-S, TN-S	2619190000	1
VPU AC I 4 R 440/25 LCF	440 V	25 kA	100 kA	≤ 2.5 kV	TN-C-S, TN-S	2619200000	1
VPU AC I 4 480/10	480 V	10 kA	50 kA	≤ 2.1 kV	TN-C-S, TN-S	2591550000	1
VPU AC I 4 R 480/10	480 V	10 kA	50 kA	≤ 2.1 kV	TN-C-S, TN-S	2591560000	1
VPU AC I 1+1 300/12.5	300 V	12.5 kA	50 kA	≤ 1.5 kV	Single-phase, TN, TT, IT with N, IT without N	2591480000	1
VPU AC I 1+1 R 300/12.5	300 V	12.5 kA	50 kA	≤ 1.5 kV	Single-phase, TN, TT	2591490000	1
VPU AC I 1+1 300/12.5 LCF	300 V	12.5 kA	65 kA	≤ 1.5 kV	Single-phase	2636930000	1
VPU AC I 1+1 R 300/12.5 LCF	300 V	12.5 kA	65 kA	≤ 1.5 kV	Single-phase	2636940000	1
VPU AC I 1+1 440/25 LCF	440 V	25 kA	100 kA	≤ 2.5 kV	Single-phase, TN, TN-S	2619210000	1
VPU AC I 1+1 R 440/25 LCF	440 V	25 kA	100 kA	≤ 2.5 kV	Single-phase, TN, TN-S	2619220000	1
VPU AC I 3+1 300/12.5	300 V	12.5 kA	50 kA	≤ 1.5 kV	TN-C-S, TT, IT with N, IT without N	2591460000	1
VPU AC I 3+1 R 300/12.5	300 V	12.5 kA	50 kA	≤ 1.5 kV	TN-C-S, TT, IT with N, IT without N	2591470000	1
VPU AC I 3+1 300/12.5 LCF	300 V	12.5 kA	65 kA	≤ 1.5 kV	TN-C-S, TN-S, TT	2636910000	1
VPU AC I 3+1 R 300/12.5 LCF	300 V	12.5 kA	65 kA	≤ 1.5 kV	TN-C-S, TN-S, TT	2636920000	1
VPU AC I 3+1 440/25 LCF	440 V	25 kA	100 kA	≤ 2.5 kV	TN-C-S, TN-S, TT	2619240000	1
VPU AC I 3+1 R 440/25 LCF	440 V	25 kA	100 kA	≤ 2.5 kV	TN-C-S, TN-S, TT	2619250000	1

Technical data

Type	Max. continuous voltage, U _c (AC)	Fuse	I _{max} (8/20μs) wire-PE	Protection level U _p (typ.)	Low voltage network	Order No.	Qty.
VPU AC II 1 75/50	75 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	< 800 V	Single-phase	2636990000	1
VPU AC II 1 R 75/50	75 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	< 800 V	Single-phase	2591620000	1
VPU AC II 1 150/50	150 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.25 kV	Single-phase	2591650000	1
VPU AC II 1 R 150/50	150 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.25 kV	Single-phase	2591660000	1
VPU AC II 1 300/50	300 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.5 kV	Single-phase, TN, TN-S	2591020000	1
VPU AC II 1 R 300/50	300 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.5 kV	Single-phase	2591030000	1
VPU AC II 1 480/50	480 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 2.3 kV	Single-phase	2591210000	1
VPU AC II 1 R 480/50	480 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 2.3 kV	Single-phase	2591220000	1
VPU AC II 1 R 750/35	750 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	35 kA	≤ 3.4 kV	Single-phase	2591300000	1
VPU AC II 2 75/50	75 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	< 800 V	Single-phase	2637000000	1
VPU AC II 2 R 75/50	75 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	< 800 V	Single-phase	2591630000	1
VPU AC II 2 150/50	150 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.25 kV	Single-phase	2591670000	1
VPU AC II 2 R 150/50	150 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.25 kV	Single-phase	2591680000	1
VPU AC II 2 300/50	300 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.5 kV	Single-phase, TN	2591040000	1
VPU AC II 2 R 300/50	300 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.5 kV	Single-phase, TN	2591050000	1
VPU AC II 2 R 300/50 Y	300 V	160 A gG	50 kA	< 1300 V	Single-phase, TN	2639360000	1
VPU AC II 2 480/50	480 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 2.3 kV	TN-S, Single-phase	2591230000	1
VPU AC II 2 R 480/50	480 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 2.3 kV	Single-phase	2591240000	1
VPU AC II 2 R 750/35	750 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	35 kA	≤ 3.4 kV	Single-phase	2591310000	1
VPU AC II 3 150/50	150 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.25 kV	TN-C	2591690000	1
VPU AC II 3 R 150/50	150 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.25 kV	TN-C	2591700000	1
VPU AC II 3 300/50	300 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.5 kV	Single-phase, TN	2591160000	1
VPU AC II 3 R 300/50	300 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.5 kV	TN-C	2591170000	1
VPU AC II 3 R 300/50 Y	300 V	160 A gG	50 kA	< 1300 V	TN-C	2639330000	1
VPU AC II 3 480/50	480 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 2.3 kV	TN-C	2591250000	1
VPU AC II 3 R 480/50	480 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 2.3 kV	TN-C	2591260000	1
VPU AC II 3 R 750/35	750 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	35 kA	≤ 3.4 kV	TN-C	2591320000	1
VPU AC II 4 150/50	150 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.25 kV	TN-C-S, TN-S	2591710000	1
VPU AC II 4 R 150/50	150 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.25 kV	TN-C-S, TN-S	2591000000	1
VPU AC II 4 300/50	300 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.5 kV	TN-C-S, TN-S	2591140000	1
VPU AC II 4 R 300/50	300 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.5 kV	TN-C-S, TN-S	2591150000	1
VPU AC II 4 R 300/50 Y	300 V	160 A gG	50 kA	< 1300 V	TN-C-S, TN-S	2639370000	1
VPU AC II 4 480/50	480 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 2.3 kV	TN-C-S, TN-S	2591270000	1
VPU AC II 4 R 480/50	480 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 2.3 kV	TN-C-S, TN-S	2591280000	1
VPU AC II 4 R 750/35	750 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	35 kA	≤ 3.4 kV	TN-C-S, TN-S	2591330000	1
VPU AC II 1+1 300/50	300 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.5 kV	Single-phase, TN, TT	2591060000	1
VPU AC II 1+1 R 300/50	300 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.5 kV	Single-phase, TN, TT	2591070000	1
VPU AC II 1+1 R 300/50 Y	300 V	160 A gG	50 kA	< 1300 V	Single-phase, TN, TT	2639340000	1
VPU AC II 3+1 300/50	300 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.5 kV	TN-C-S, TN-S, TT	2591080000	1
VPU AC II 3+1 R 300/50	300 V	250 gG @50 kA Isccr, 315 gG @25 kA Isccr	50 kA	≤ 1.5 kV	TN-C-S, TN-S, TT	2591090000	1
VPU AC II 3+1 R 300/50 Y	300 V	160 A gG	50 kA	< 1300 V	TN-C-S, TN-S, TT, IT with N	2639320000	1

Reliable checking of surge protection devices

Testing the protective function for all VARITECTOR PU AC and PV products

The surge protection function, when enabled, guarantees reliable protection of devices and systems. The IEC 62305/VDE 0185-305 requires regular testing of overvoltage surge protection devices. That applies to all applications – especially to building infrastructures.

The function of VARITECTOR surge protection devices can be tested with the V-TEST II. The handy, battery-powered device detects the type of surge protection and automatically checks whether the module is at the end of its life. Therefore, your system remains in operation, and you avoid service costs. V-TEST II is easy to use. It comes with a robust enclosure and a charging device. It has a high-quality TFT colour display and can be operated intuitively via a touchscreen.

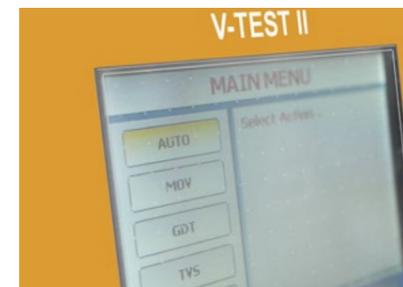


Your special advantages

- Portable, battery-operated test device
- Flexible plug-in adapter for arrester testing
- Compact design with touchscreen operation

Technical data

Type	Measurement range	Voltage supply	Weight	Protection degree	Standards	Order No.	Qty.
V-TEST II	U < 1500 V / I = 0,1; 0,5; 1 mA	100...240 V AC	1100 g	IP20	IEC 61326-1, IEC 61010-1	2661040000	1



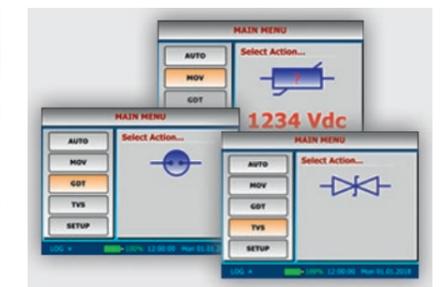
Automatic recognition

The overvoltage protection variant is automatically detected by the V-TEST II. This leads to a reduction in operating errors.



High flexibility

V-TEST II is powered by rechargeable batteries and is therefore independent of the mains supply. Its flexible use is particularly relevant, as surge protection components are usually distributed at different points in the system.



Consistent testing

V-TEST II tests all components used in surge protection devices. These include gas discharge tubes (GDT), metal oxide varistors (MOV) and transient voltage arresters/Transient Voltage Suppressor (TVS) diodes.

Compact lightning arrester for installation in distribution boards

VARITECTOR PU ZP for quick installation on 40 mm busbar systems

According to the specifications of DIN VDE 0100-443 and -534, surge protection is an obligatory component of every energy supply, especially in building infrastructures. Commercial and private buildings must, therefore, provide surge protection.

Our compact lightning current arresters for 3-phase power supply networks are ideally suited for building infrastructures and fit on 40 mm busbars. They enable direct contact to the busbar with separate PE connection and combine type I and type II arresters for lightning and surge protection in a single product.

Your special advantages

- Simple and safe to use and assemble
- Complete and permanent status control
- Protective circuit without leakage current
- Application-specific performance classes with 7.5 kA and 12.5 kA leakage current



Standard-compliant protection
The VARITECTOR PU ZP product range meets the current requirements of IEC/EN 61643-11.

Technical data

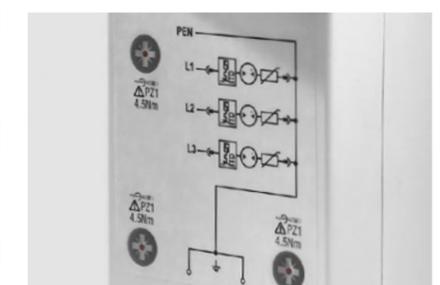
Type	Max. continuous voltage, U _c (AC)	Lightning test current I _{imp} (10/350 μs) (L-PE)	I _{max} (8/20μs) wire-PE	Protection level U _p (typ.)	Low voltage network	Order No.	Qty.
VPU ZP I 3 300/12,5	300 V	12.5 kA	50 kA	≤ 1.5 kV	TN-C	2638450000	1
VPU ZP I 3 300/7,5	300 V	7.5 kA	50 kA	≤ 1.5 kV	TN-C	2659900000	1
VPU ZP I 3+1 300/12,5	300 V	12.5 kA	50 kA	≤ 1.5 kV	TN-C-S, TN-S, TT	2638440000	1
VPU ZP I 3+1 300/7,5	300 V	7.5 kA	50 kA	≤ 1.5 kV	TN-C-S, TN-S, TT	2659910000	1



Safe and easy to use
Easy and space-saving installation directly in the main cabinet. Safe mounting directly on the busbars for reliable contact without manual wiring.



Complete status control
The VPU ZP series has a distinctly visible status indicator. You can see the protection status at any time without manual operation.



Protective circuit without leakage current
The connection of varistor and spark gap (Gas Discharge Tube) in series guarantees leakage current free protection between the lines and towards the protective conductor.

Determine the energy consumption of present machines

Plug&Play-Box: The retrofit solution for your energy management

To establish an energy management system requires precise knowledge of the energy consumption of all machines and equipment within a plant. Our Plug&Play-Boxes are the ideal retrofit solution for operators who also want to include existing machines in their energy management.

The product series consists of 4 products that can record energy or compressed air consumption of devices on machines in the field. Electricity or compressed air consumers that have not yet been considered energetically are simply connected to the box. The boxes are simple to install and integrate easily into all existing systems. Data collection and processing are simple, fast and secure. Communication takes place via Modbus/TCP.

Your special advantages

- Available in four connection variants: with 16, 32, or 63 A direct connection or freely selectable power via current transformer signals
- Additional connection for compressed air measurement integrated in several variants
- Detailed information on current and voltage curves, power consumption, and compressed air consumption

Technical data

Type	Primary current	Usage	Width / Height / Depth	Protocol	Order No.	Qty.
SME-16-3K-1-0-0	16 A	Plug & Play	460 / 340 / 160 mm	Modbus-Gateway, Modbus TCP/IP, Modbus RTU over Ethernet, SNMP	2637200000	1
SME-32-3S-1-0-0	32 A	Plug & Play	460 / 340 / 160 mm	Modbus-Gateway, Modbus TCP/IP, Modbus RTU over Ethernet, SNMP	2637220000	1
SME-63-3S-0-3-1	63 A	Plug & Play	460 / 380 / 160 mm	Modbus-Gateway, Modbus TCP/IP, Modbus RTU over Ethernet, SNMP	2637230000	1
SME-U-3E-0-3-1		Plug & Play	460 / 140 / 120 mm	Modbus-Gateway, Modbus TCP/IP, Modbus RTU over Ethernet, SNMP	2637240000	1



Optimal retrofit solution

- Exact monitoring of existing machines at the field level.
- Compatible with all common energy management solutions.
- Convenient data processing.
- Analysis and visualisation with Weidmüller software.

Easy to install

- Intervention in the control cabinet is not necessary.
- Simply connect and start the measurement.

Expressive data output

- High-quality energy meters provide precise information about the energy status of the machine.
- Display of many electrical values.
- Compressed air data can also be recorded upon request.

Precise measurement of currents in existing systems

KCMA split core current transformers for retrofit installation

The retrofitting of a current transformer is often a challenge, especially in confined spaces or when it is necessary to avoid disconnecting the primary energy line

Our KCMA split-core current transformers install quickly and provide a measure of alternating electrical currents. The very compact split core current transformers are especially suitable for digital measuring systems and integrate easily into existing systems. These are optimally complemented by our voltage taps.

Your special advantages

- Ideal for retrofitting
- Especially suitable for energy and voltage quality measuring instruments
- Ideal for use in very tight installation environments
- Particularly fast assembly



Technical data

Type	Primary current	Secondary current	Tolerance class	Load	Round conductor	Order No.	Qty.
CLIP-CMA-RM-27						2616030000	1
CMA-RM-27-35-1-02VA-1	35 A	1 A	1	0.2	7.50 mm	2616010000	1
CMA-RM-27-64-1-02VA-1	64 A	1 A	1	0.2	7.50 mm	2616020000	1
KCMA-30-250-1-02VA-1	250 A	1 A	1	0.2	18.00 mm	2615810000	1
KCMA-30-100-1-02VA-3	100 A	1 A	3	0.2	18.00 mm	2615790000	1
KCMA-30-200-1-02VA-1	200 A	1 A	1	0.2	18.00 mm	2615800000	1
KCMA-30-60-1-02VA-3	60 A	1 A	3	0.2	18.00 mm	2615780000	1
KCMA-40B-100-1-02VA-1	100 A	1 A	1	0.2	18.00 mm	2615820000	1
KCMA-40B-150-1-02VA-1	150 A	1 A	1	0.2	18.00 mm	2615830000	1
KCMA-40B-150-5-1VA-1	150 A	5 A	1	1	18.00 mm	2615900000	1
KCMA-40B-250-5-1VA-05	250 A	1 A	0.5	1	18.00 mm	2615910000	1
KCMA-40C-200-1-02VA-1	200 A	1 A	1	0.2	28.00 mm	2615840000	1
KCMA-40C-300-1-02VA-1	300 A	1 A	1	0.2	28.00 mm	2615850000	1
KCMA-40C-400-1-02VA-1	400 A	1 A	1	0.2	28.00 mm	2615860000	1
KCMA-40C-400-5-1VA-1	400 A	5 A	1	1	28.00 mm	2615920000	1
KCMA-50E-1000-1-05VA-05	1000 A	1 A	0.5	0.5	42.00 mm	2615880000	1
KCMA-50E-1000-5-05VA-05	1000 A	5 A	0.5	0.5	42.00 mm	2615930000	1
KCMA-50E-600-1-05VA-05	600 A	1 A	0.5	0.5	42.00 mm	2615870000	1
KCMA-50L-1000-1-05VA-05	1000 A	1 A	0.5	0.5	42.00 mm	2615890000	1
KCMA-50L-1000-5-05VA-05	1000 A	5 A	0.5	0.5	42.00 mm	2615940000	1
VT-SET 3L+1N 10-16					4.50 mm	2615990000	1
VT-SET 3L+1N 15/4						2616000000	1
VT-SET 3L+1N 2,5-6					3.50 mm	2615980000	1



Easy to retrofit
KCMA cable conversion current transformers are ideal for retrofitting, as the primary circuit does not need to be interrupted during installation.



Particularly space-saving
The remarkably compact current transformers can be installed easily even in confined spaces.



Portfolio completion with voltage taps
This easy voltage tap allows you to tap a fused voltage from an insulated wire for one-handed measurement and without the need for additional tools.

Measure the residual current of machines and systems

Residual current transformers RCM – compact, versatile, and precise

Residual current measurement helps system operators to detect faults at an early stage, eliminate their causes, increase system and operational safety, and reduce operating costs.

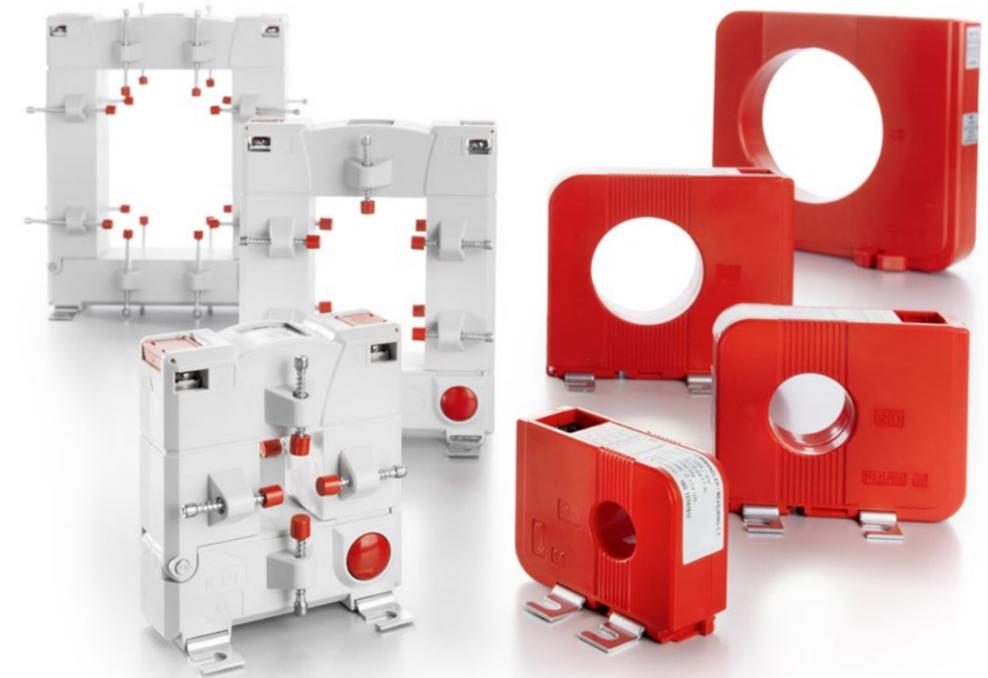
With our residual current measurement transformers, you can reliably determine even the smallest residual currents for machines or systems. The very compact devices are especially suitable for our digital measuring systems. The KCMA-RCM split-core design allows installation without interruption of operation and easy integration into existing systems.

Your special advantages

- Ideal for detecting even the smallest currents
- Extremely compact design
- Easy installation of KCMA-RCM converters without service interruption
- Suitable for Weidmüller Energy Meters and Energy Analysers

Technical data

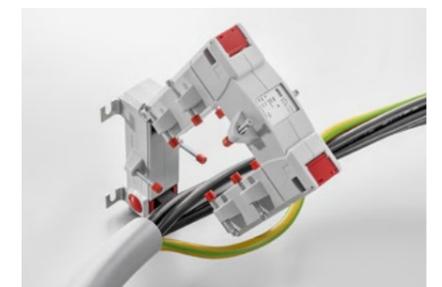
Type	Primary current	Secondary current	Transformation ratio	Product type	Order No.	Qty.
CMA-RCM-DACT-120	25 A	0...41.7 mA	1:600	Residual current transformer	2603450000	1
CMA-RCM-DACT-20	25 A	0...41.7 mA	1:600	Residual current transformer	2603420000	1
CMA-RCM-DACT-35	25 A	0...41.7 mA	1:600	Residual current transformer	2603430000	1
CMA-RCM-DACT-60	25 A	0...41.7 mA	1:600	Residual current transformer	2603440000	1
KCMA-RCM-23D	18 A	0...30 mA	1:600	Split-core current transformer	2656270000	1
KCMA-RCM-58D	18 A	0...30 mA	1:600	Split-core current transformer	2656280000	1
KCMA-RCM-812D	18 A	0...30 mA	1:600	Split-core current transformer	2656290000	1



Particularly accurate
Combines energy management, grid quality and residual current monitoring in a single system.



Extremely compact
The remarkably compact residual current transformers can be easily installed even in confined spaces.



Easy to install
The split-core design of the KCMA-RCM series makes installation in existing systems very easy.

Recording and monitoring energy flows and process data

Efficiency evaluation and optimisation with u-create ResMa

According to ISO 50001, energy management requires continuous testing and improvement of energy efficiency. For this purpose, the cross-location acquisition and evaluation of measured values from different measurement and control systems is essential.

To reduce the monitoring requirements, significant EnPIs – including the production parameters – must be identified and monitored. u-create ResMa is the universal tool for recording and monitoring energy flows and process data. The web-based software is a perfect solution for energy management. Also, u-create ResMa integrates into existing automation technology, control technology and building automation systems.



Your special advantages

- Energy management according to ISO 50001
- Acquisition of energy and process data
- Determination of energy performance indicators (EnPIs) and energy baseline
- Continuous monitoring and alarming
- Extensive visualisation options
- TÜV certified

Hardware requirements	<ul style="list-style-type: none"> • Min. Core i7 Quadcore • Min. 8 GB working memory
Operating system requirements	<ul style="list-style-type: none"> • from Microsoft SQL-Server 2012 (Express Edition free of charge for data volumes up to 10 GB) • from Windows 10 Professional • Language of operating system German or English
Network requirements	<ul style="list-style-type: none"> • Virtual network for field devices recommended. • Installation by remote access (Weidmüller u-link, TeamViewer, VPN) • Admin rights required for installation
Interfaces	<ul style="list-style-type: none"> • Modbus RTU, Modbus TCP, u-control, CoDeSys-PLCs, several third-party PLCs, MES/ERP systems, weblinks



u-create ResMa Compact

A fully pre-installed, entry-level solution on a compact industrial PC. Suitable for mounting on a DIN rail in the control cabinet. Direct connection of metering devices via Modbus RTU or Modbus TCP. Unrestricted evaluation and documentation.



u-create ResMa Server

A scalable solution for installation on a dedicated or virtual server. It features an unlimited range of functions and extensive options for the integration of external systems. Plug-in concept for application-specific extensions.



u-create ResMa Cloud

With u-create ResMa as a scalable cloud solution on a rental basis, you can develop an energy management system cost-effectively and quickly, independent of location or infrastructure. The rental price is offset against a purchase licence.

Forward-looking flexibility through web-based visualisation

u-create visu – the scalable and platform-independent HMI software

The growing integration of machines and systems places entirely new demands on HMI software. Easily scalable and platform-independent visualisation solutions ensure maximal flexibility and guarantee the availability of all relevant machine data on site.

u-create visu simplifies project planning with dynamic, multi-touch capable visualisation solutions for your automation. The integrated web server allows the use of different HTML5-capable clients without the installation of additional software. The extensive portfolio of communication drivers allows flexible integration into existing or new machines and systems.

Your special advantages

- Dynamic user interface with responsive design
- Driver collection for access to the controls of all well-established providers
- Usable across languages due to Unicode standard
- Efficient engineering through object-oriented layout/container and class/instance concepts
- Fine-tuned management of users and rights



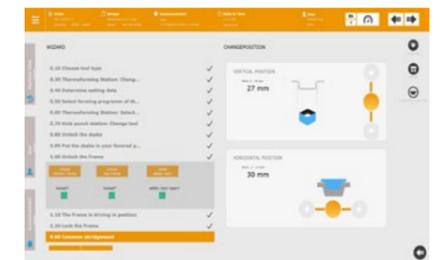
Platform-independent integration

The flexible architecture supports all well-known operating systems, and the dynamic user interface allows the use of different end devices.



Future-proof web technology

Web technologies such as HTML5 and Javascript are ideally suited for operating and monitoring machines and systems.



Efficient project planning

u-create visu enables the implementation of customised visualisation solutions for machines and systems. Predefined symbol libraries and professional style guides facilitate engineering.

Flexible control of applications

u-control – 2000 the powerful and compact control system

The worldwide, steady data volume growth requires ever more powerful and flexible control solutions. Our u-control 2000 – together with the suitable engineering environment from our u-create portfolio – provides you with a flexible control system for automation or digitalisation.

u-control 2000 with two Ethernet, one CAN and one u-remote I/O interface is a small 54 mm wide controller for control cabinet or field applications. The control module allows projects to be saved, has a USB service interface, and allows data exchange. A battery-backed real-time clock and a slot for a micro SD card with up to 32 GB complete the features.



Your special advantages

- Dual A9 core architecture with separate real and non-real time
- Direct connection of I/O modules or u-remote modules possible
- Compatible with all u-create software applications



www.weidmueller.com/u-remote

Technical data

Type	Processor	Memory (Flash)	Real-time clock	Max. number of I/O modules	Interface	Order No.	Qty.
UC20-SL2000-AC	Dual Core ARM Cortex A9, 624 MHz, 512 Mbyte RAM	32 GB via microSD	Battery buffered	64	2x Ethernet TCP/IP, 1x Micro USB	1334980000	1
UC20-WL2000-AC	Dual Core ARM Cortex A9, 624 MHz, 512 Mbyte RAM	32 GB via microSD	Battery buffered	64	2x Ethernet TCP/IP, 1x Micro USB	1334950000	1
UC20-WL2000-IOT	Dual Core ARM Cortex A9, 624 MHz, 512 Mbyte RAM	32 GB via microSD	Battery buffered	64	2x Ethernet TCP/IP, 1x Micro USB	1334990000	1



Compact

Despite only 54 mm width, u-control offers numerous connection options, a powerful dual-core CPU, 512 Mbyte RAM, 4 GB flash memory and space for a micro SD card of up to 32 GB.



Flexible

u-control is compatible with u-create and u-remote from Weidmüller and can, therefore, be used flexibly. Possible individual configurations for your application have no limits. A galvanically isolated input for system and IO supply is pluggable.



Secure

With the security-by-design concept, u-control meets all requirements of modern communication systems.

New standards for CODESYS-based engineering environments

u-create studio – the open platform for automation

u-create studio applies internationally proven standards for flexible and modular application programming – critically decisive for automation solutions. With an open Linux architecture, it offers many options to install individual software modules.

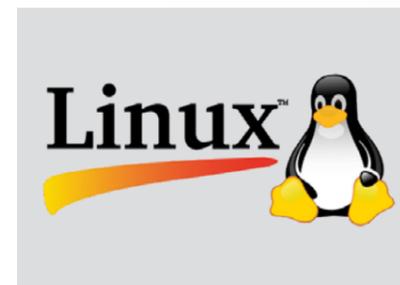
Based on the proven CODESYS standard according to IEC 61131-3, u-create studio enables simple configuration, diagnosis and 3D simulation of the facility. An additional C/C++ environment allows object-oriented programming. A powerful debug and trace tool supports error analysis. An OPC-UA server is implemented for M2M communication. EtherCAT and CANopen Fieldbus masters and a Modbus TCP slave complete the system.

Your special advantages

- CODESYS V3.5 development environment with IEC61131-3 and C/C++ programming
- Powerful debugging
- Integrated Fieldbus master (EtherCAT and CANopen) and Modbus slave (TCP)
- Compatible with u-control and u-remote hardware solutions

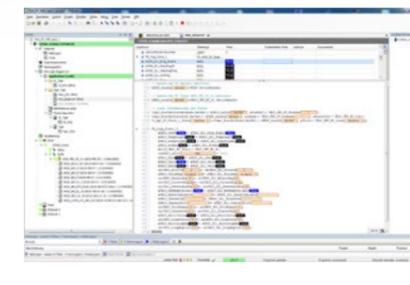


www.u-mation.com



Open architecture

The open software architecture enables the installation of application-specific software modules and, thereby, adaptation of the u-control to manage individual applications.



All-in-one programming

Easy programming, based on proven standards such as CODESYS and C/C++, allows fast familiarisation with and access to familiar programs.



Fast error analysis

The software allows configuration, diagnosis and 3D simulation of the facility. The powerful debug and trace tool facilitates error analysis.

Flexible engineering in a web-based programming environment

Platform-independent control software u-create web

Worldwide networking, growing data exchange and customer-specific production require more flexible automation solutions. With u-create web, we provide plant and machine builders with open, web-based, secure control software for the automation of small and medium-sized plants.

The u-create web is a web-based engineering software for configuration, system parameterisation and programming according to IEC 61131-3. The u-create web runs in a web browser and requires no installation, therefore it creates an engineering platform – independent of hardware and operating system. Supplementary software apps extend the range of functions. The u-create web, in combination with u-control and u-remote, forms the optimal automation solution for your plant.

Your special advantages

- Web-based and licence-free engineering software
- Platform- or device-independent programming via a web browser
- Use of standardised web technologies such as HTML5
- Scalability through complementary software apps
- Programming standard according to IEC 61131-3
- Maximum security through a security-by-design concept



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Intuitive

The integrated engineering tool enables you to start work immediately, without installation. You can program simply using drag-and-drop.



Independent

By using web technologies, you can operate independently of devices or platforms and benefit from the internationally valid programming standard IEC 61131-3.



Smart

Because the u-create web is platform-independent, it runs on all standard operating systems and browsers that support HTML5, CSS or JavaScript.

Program, control, and send data to the cloud

u-create IoT – the “Internet of Things” kit

Modern plants not only need to securely process machine data, but also forward data to the cloud. In combination with u-create IoT, u-control 2000 may pre-process sensor information with u-remote and route it to the cloud via MQTT or AMQP.

u-create IoT is a web-based engineering software program for u-control, which runs in any standard web browser. Configuration, system parameterisation and programming comply with IEC 61131-3. The data can be sent directly to the cloud via Node-RED. The cloud providers Microsoft Azure, IBM Cloud and Amazon AWS are supported. u-create IoT is extendable with software apps and is hardware compatible with the products u-control 2000 and u-remote.

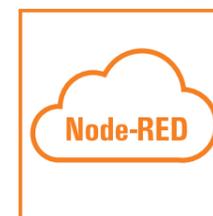


Your special advantages

- Web-based and licence-free software
- Platform- and device-independent programming via a web browser
- Use of standardised web technologies such as HTML5
- Maximum security through the security-by-design concept



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Simple Cloud Connection

u-create IoT uses NodeRED and, thus, enables implementation of IoT applications in a short time. The graphical interface enables the abstraction of a broad variety of technologies through a simple modular principle.



Independent and secure

The web-based engineering environment is applicable, independent of devices and platforms, to the globally established programming standard IEC61131-3. The security-by-design concept guarantees a high-security standard.



Independently usable

u-create IoT works across platforms in any common browser that supports HTML5, CSS and JavaScript.

Flexible implementation of visualization, control and IoT applications

Reliable industrial PCs for your automation

High-performance IPCs and Panel PCs enable the flexible control, operation and monitoring of machines and systems. u-view IPCs and Panel PCs from Weidmüller are known for their high reliability and are designed for state-of-the-art visualisation, control and IoT applications.

The u-view IPC and Panel PC series use the latest, passively cooled Intel® Atom™, Celeron™, and Core™ i-processors. By selecting from high-quality aluminium housings in various sizes, a wide range of interfaces, and selectable operating systems, you can build IPCs that optimally fit your requirements. The Panel PCs close the gap between IPCs and HMIs by combining the high-quality display technology of u-view HMIs with the performance of state-of-the-art hardware.

Your special advantages

- High performance through state-of-the-art processors and SSD technology
- PCI/PCIe interfaces for fieldbus connection
- Passive cooling for all performance classes
- Panel PCs based on the high-quality displays of u-view HMIs
- Wall and rail mounting supported



Technical data

Type	Processor	Memory	Depth / Width / Height	Resolution	Size	Order No.	Qty.
UV21-B-IPC-1011	Intel Atom® x7-E3950 - Quad Core 1.6 GHz (2.0 GHz Burst)	4 GB, DDR4	101.5 / 43.4 / 140 mm			2665800000	1
UV21-B-IPC-2001	Intel® Celeron® J1900 - Quad Core 2.0 GHz (2.42 GHz Burst)	4 GB, DDR3	182 / 54.3 / 185 mm			2665810000	1
UV21-B-IPC-3031	Intel® Core™ i7-6600U - Dual Core 2.6 GHz (3.4 GHz Turbo)	8 GB, DDR4	159.5 / 71 / 220 mm			2665820000	1
UV66-ADV-21-IPPC-3021	Intel® Core™ i5-5350U - Dual Core 1.8 GHz (2.9 GHz Turbo)	4 GB, DDR3	99 / 581.5 / 367.5 mm	1920 x 1080	21.5 "	2665840000	1
UV66-ADV-7-IPPC-1001	Intel® Celeron® J1900 - Quad Core 2.0 GHz (2.42 GHz Burst)	4 GB, DDR3	77.6 / 204 / 148 mm	800 x 480	7 "	2665830000	1

Scaleable performance

The different performance classes provide a broad selection of hardware for an optimal fit to your applications.

High-quality finish for industrial use

The sturdy aluminium housings meet the highest quality requirements and enable the passive cooling of IPCs and Panel PCs through intelligent heat management.

Flexible application range

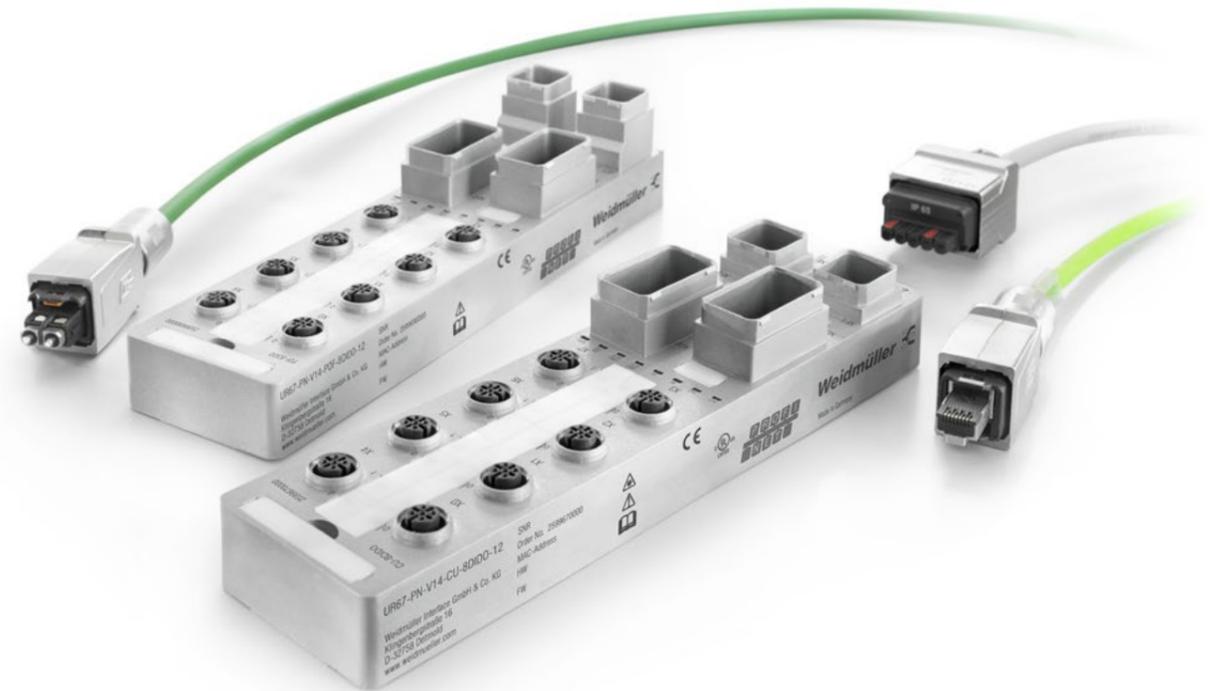
u-view IPCs and Panel PCs are perfectly tailored for state-of-the-art visualization, automation and IoT applications and support Windows and Linux operating systems.

Best I/O performance in harsh environments

IP67 I/O modules with PushPull connectors for copper and POF

Welding robots in the automotive industry, as well as many other fully automated production processes in harsh environments, place high demands on IP67 I/O modules today. They should be particularly reliable, support predictive maintenance measures, and enable rapid replacement.

Our IP67 I/O modules with copper and POF connections are certified according to PROFINET IRT V2.3 and support various diagnostics and the fast start-up function. One version is with 16DI and another with 8DI/8DO. The PushPull connector for the power supply can transmit 2 x 16 A and, thus, supply a large number of modules without having to feed in again. Pre-commissioning, troubleshooting, firmware updates and downgrades can be realised via the integrated web server.



Your special advantages

- Integrated web server for pre-commissioning and troubleshooting
- Reduction of cabling by 2 x 16 A supply current
- PROFINET with Fast Start Up (FSU) for fast boot of the modules
- PushPull connectors for copper and POF

 www.weidmueller.com/u-remote

Technical data

Type	Module variants	Bus system	Protection degree	Input type	max. current-carrying capacity per output signal	Order No.	Qty.
UR67-PN-V14-CU-16DI-12	16 digital inputs	PROFINET V2.3	IP67	Type 2 / IEC 61131-2		2599680000	1
UR67-PN-V14-CU-8DI/8DO-12	8 digital inputs, 8 digital outputs	PROFINET V2.3	IP67	Type 2 / IEC 61131-2	2 A	2599670000	1
UR67-PN-V14-POF-16DI-12	16 digital inputs	PROFINET V2.3	IP67	Type 2 / IEC 61131-2		2599700000	1
UR67-PN-V14-POF-8DI/8DO-12	8 digital inputs, 8 digital outputs	PROFINET V2.3	IP67	Type 2 / IEC 61131-2	2 A	2599690000	1



Easy commissioning and troubleshooting
The integrated web server simplifies commissioning, speeds up troubleshooting in the case of a fault, and enables firmware updates and downgrades.



Rapid operational readiness
The PROFINET Fast Start Up (FSU) function speeds up the boot process of the IP67 I/O modules. They are ready for operation in less than 500 ms. Applications such as tool changes can, thus, be implemented quickly.



Complete solution for robot cabling
The new IP67 I/O modules with PushPull connectors for copper and POF complete the integrated solution for robot cabling.

Decentralised collection and transmission of signals in the field

IP67 remote I/O modules with configurable inputs and outputs

With the ongoing decentralisation, more and more automation systems are transferred from the control cabinet to the field. Multiprotocol modules and modules with configurable inputs and outputs increase flexibility and reduce the number of module variants required.

u-remote IP67 modules have configurable inputs and outputs. They enable the individual composition of all signals required on site. The large cable cross-section of 2.5 mm² reduces the voltage drop, which allows installations at greater distances. With the L-coded M12 connectors, up to 16 A can be fed in to bring more energy into the system. The modules also impress with their low weight and the most compact design on the market.



Your special advantages

- 16 independently parameterisable digital channels as input or output
- Multiprotocol functionality with EtherCAT, EtherNet/IP and PROFINET
- 16 A supply current to reduce the cabling effort



www.weidmueller.com/u-remote

Technical data

Type	Module variants	Bus system	Protection degree	Input type	max. current-carrying capacity per output signal	Order No.	Qty.
UR67-MP-78-16DIO-12-60M	16 universal channels	PROFINET V2.3, EtherNet/IP, EtherCAT, Multiprotocol	IP67	Type 2 / IEC 61131-2	2 A	2512830000	1
UR67-MP-HP-16DIO-12-60M	16 universal channels	PROFINET V2.3, EtherNet/IP, EtherCAT, Multiprotocol	IP67	Type 2 / IEC 61131-2	2 A	2512840000	1

EtherCAT
EtherNet/IP
PROFINET

Maximum flexibility

The multi-protocol concept allows selection between EtherCAT, EtherNet/IP or PROFINET – depending on the PLC used. Each of the 16 digital inputs and outputs can be configured independently, as required.



Efficient cabling

The L-coded M12 connector can transmit 16 A to allow simultaneous power supply to several modules. Cabling and power supplies are not necessary.



Economical use

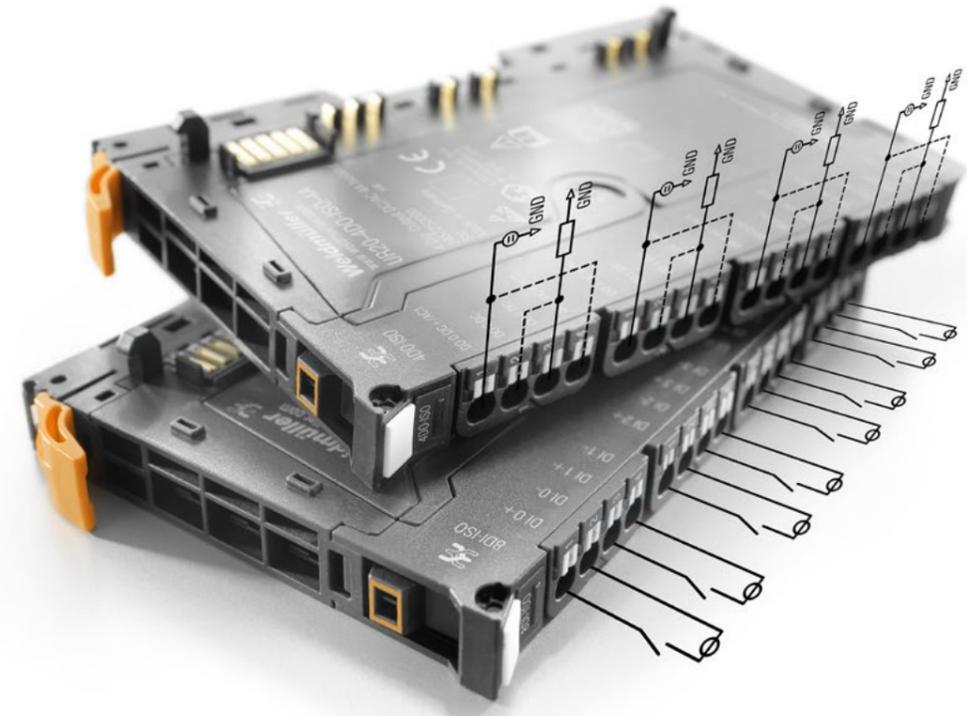
Different applications and PLC I/O combinations can be implemented with a single module. Costs and effort for planning, ordering, warehousing and commissioning are considerably reduced.

Avoid interferences caused by potential differences or ground loops

Digital input and output modules with galvanically isolated channels

Interferences often occur in decentralised machines and production lines, process engineering plants and marine and offshore applications due to potential differences, ground loops or line-induced field influences. Galvanically isolated input and output signals prevent such interferences.

The UR20-8DI-ISO-2W digital input module can receive up to eight binary control signals using two-wire technology. The UR20-4DO-ISO-4A digital output module can control up to four two-wire actuators with a maximum current of 4 A DC or 2 A AC. The inputs and outputs of both modules are isolated from each other and from the system supply up to 500 V. A status LED on each channel ensures fast status identification.



Your special advantages

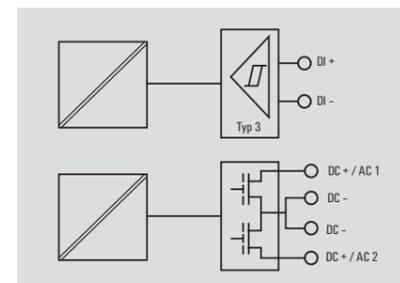
- Galvanic isolation between the channels and the system up to 500 V
- Simple and error-free status identification per module and single channel LEDs
- High channel density with eight galvanically isolated digital inputs
- Up to 4 A DC or 2 A AC and up to 48 V AC/DC per channel with four galvanically isolated digital outputs



www.weidmueller.com/u-remote

Technical data

Type	Number of inputs	Number of outputs	Sensor connection	Actuator connection	Insulation	Order No.	Qty.
UR20-4DO-ISO-4A		4		Dual conductor	500 V (channel to channel), 500 V (channel to supply voltage)	2457250000	1
UR20-8DI-ISO-2W	8		Dual conductor		500 V (channel to channel), 500 V (channel to supply voltage)	2457240000	1



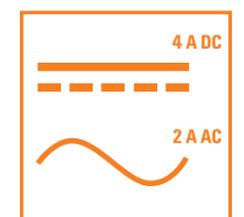
Reliable galvanic isolation

The galvanic isolation up to 500 V permits operation of the individual, potential-free channels without interferences. The channels are protected against mutual interferences and external disturbances, thereby increasing the operational reliability.



High signal density

Up to eight galvanically isolated input channels per module and a width of only 11.5 mm permit implementation of automation tasks in a very compact and space-saving manner.



Maximum flexibility

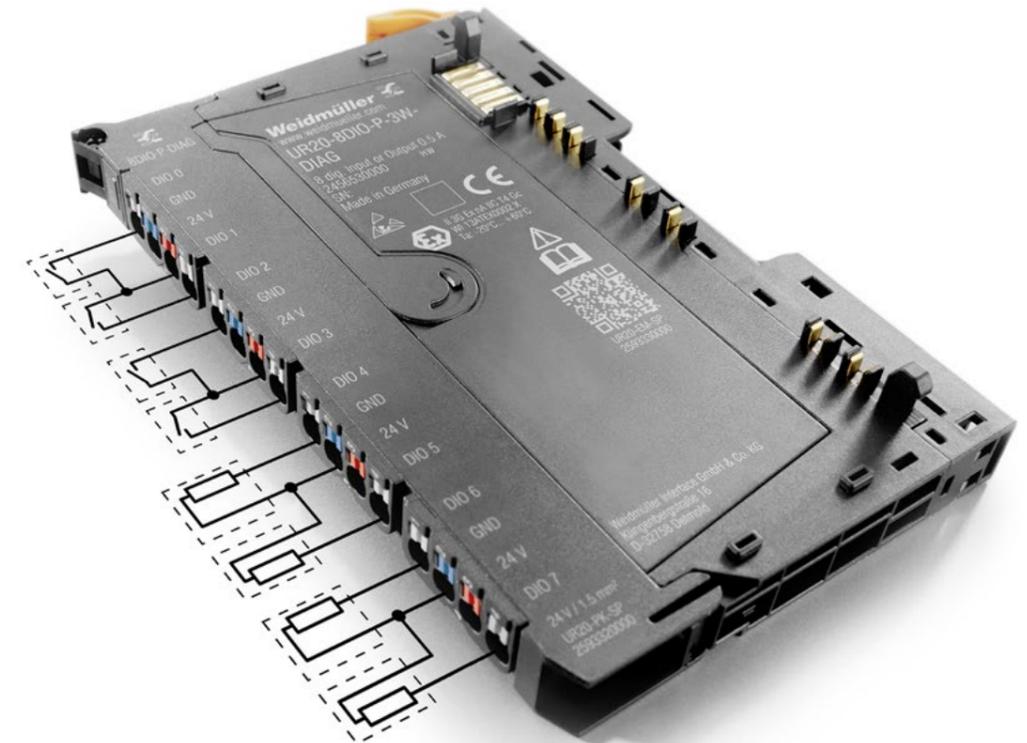
Direct or alternating current: with up to 4 A DC or 2 A AC per galvanically isolated channel, the four-channel output module provides maximal flexibility for individual automation solutions.

Perfectly prepared for unforeseen changes and extensions

u-remote – universal digital I/O module

The automation of machines and plants is usually planned with utmost detail to ensure smooth commissioning and fault-free operation. In case of unforeseen changes, however, a flexible automation infrastructure is of great advantage.

u-remote UR20-8DIO-P-3W-DIAG is a universally applicable digital I/O module in which each channel can be parameterised independently as input or output. Sensors, as well as actuators, attach to the same module, reducing the number of modules per I/O station. For subsequent changes, a system reconfiguration is possible. Adjustable individual channel diagnostics for inputs and outputs provide transparency about the status of the device or system.



Your special advantages

- Eight independently parameterisable digital channels as input or output
- Overcurrent monitoring and electronic protection of the sensor supply (> 0.3 A)
- Overload monitoring with switched outputs (> 0.5 A)
- Line break detection with outputs switched off



www.weidmueller.com/u-remote

Technical data

Type	Number of inputs	Number of outputs	Sensor connection	Actuator connection	Max. output current per channel	Order No.	Qty.
UR20-8DIO-P-3W-DIAG	8	8	Dual conductor, Triple conductor	Dual conductor, Triple conductor	0.5 A	2456530000	1



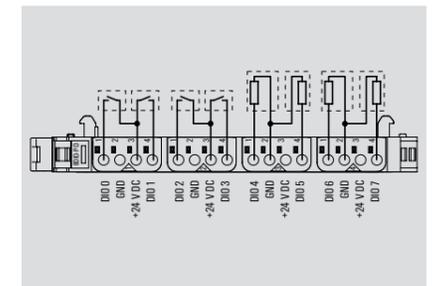
Plan changes

With the UR20-8DIO-P-3W-DIAG module, you do not have to specify inputs or outputs at the planning stage. These can also be parameterised individually for each channel later.



Increase transparency

Extensive individual channel diagnoses, e.g. sensor supply or load monitoring, give you a detailed insight into the system status. Causes of errors can be quickly identified and fixed.



Efficiency in all areas

If only a small number of digital sensors or actuators are used for automation, they can be integrated via a single module. This saves space and reduces costs for planning, ordering, warehousing and order picking.

Temperature-sensitive processes always in sight

Eight-channel temperature meter (RTD) with single channel diagnostics

Temperature measurement is integral to plant and process automation, both for controlling the manufacturing processes and for condition monitoring in plants. Data acquisition and processing require efficient and space-saving solutions.

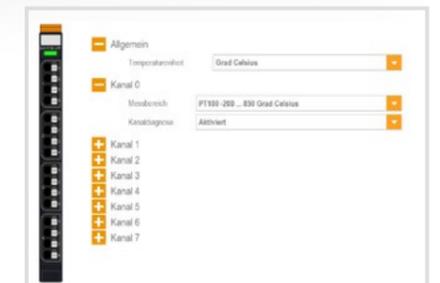
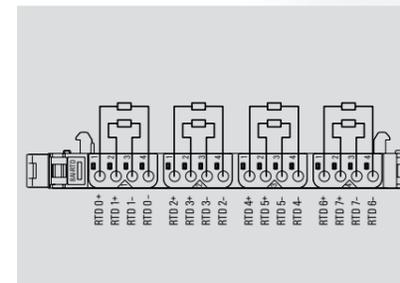
The UR20-8AI-RTD-DIAG-2W analogue input module is suitable for applications with many temperature sensors. It can detect up to eight analogue resistance thermometers by using two-wire technology and has a resolution of 16 bits per channel. Mixed operation with different sensor types and temperature ranges is possible by individual channel parameterisation. The module offers independently adjustable single-channel diagnostics for line break and short-circuits detection.

Your special advantages

- High channel density with up to eight temperature sensors per module
- Particularly flexible and efficient measurement data acquisition through channel-by-channel parameter adjustment of sensor type and temperature range
- High transparency in system monitoring through independently adjustable individual channel diagnostics



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Technical data

Type	Number of inputs	Version	Resolution	Sensor connection	Accuracy	Order No.	Qty.
UR20-8AI-RTD-DIAG-2W	8	Pt100, Pt200, Pt500, Pt1000, Ni100, Ni120, Ni 200, Ni500, Ni1000, Cu10, 40Ω, 80Ω, 150Ω, 300Ω, 500Ω, 1kΩ, 2kΩ, 4kΩ	16 Bit	Dual conductor	0.2% FSR / 0.3% FSR for Ni sensors / 0.6% FSR for Cu10	2555940000	1

Space-saving and efficient

With up to eight measurement inputs per module, measurement data can be acquired in the smallest spaces. The individual channel parameterisation allows pre-processing of the measurement data in the IO module.

Particularly flexible

Each measuring channel can be parameterised individually to one of 19 specific sensor types as well as in a temperature measuring range from $-200\text{ }^{\circ}\text{C}$ to $850\text{ }^{\circ}\text{C}$.

Transparency of the system status

Each of the eight measuring channels offers an individual single-channel diagnosis. Such reliable monitoring of the system status permits immediate identification of faults and swift elimination of their causes.

Fieldbus-independent integration of IO-Link devices

u-remote IO-Link configurator

IO-Link is a key technology for industry 4.0 concepts. The integration of intelligent sensors and actuators into the automation architecture increases transparency down to the I/O level. Commissioning, condition monitoring, diagnostic evaluation, maintenance and repair all become more efficient.

With the u-remote IO-Link configuration tool, IO-Link devices can be integrated, configured and parameterised in the automation solution independent of the Fieldbus. An intuitive, web-based user interface with a connection to the IODD database makes the integration of IO-Link devices particularly easy. Together with the u-remote IO-Link Master, Weidmüller offers a complete solution for tomorrow's industry 4.0 requirements.



Your special advantages

- Fieldbus-independent configuration and parameterisation of IO-Link devices
- Web-based, intuitive user interface with integrated interface to IODDfinder
- Direct upload of the configuration file to the IO-Link master and the IO-Link devices
- Options for saving, opening and editing configuration files locally

 www.weidmueller.com/u-remote



Fieldbus independent IO-Link integration
Regardless of the Fieldbus at the control level, the configurations and parameterisations of the IO-Link devices depend neither on network nor control.

Web-based configuration
u-remote allows a web-based configuration of the connected IO-Link devices. Configuration data uploads via the Fieldbus coupler to the IO-Link master and from there to the IO-Link devices.

Perfect project data administration
For all serial machines with a recurring IO-Link configuration, only one configuration file needs to be saved locally and then assigned to various systems. When necessary, the configuration can be called up and adapted.

Technical data

Type	Number of inputs	Number of IO-Link connections	Version	IO link standard	Output current	Order No.	Qty.
UR20-4COM-IO-LINK	4	4	Types 1 and 3, EN 61131-2	IEC 61131-9	0.1 A C/Q (DO MODE), 0.5 A L+	1315740000	1

Smart and effortless automation of stepper motor applications

Multifunctional control module for drive power up to 50 W

Stepper motors afford a cost-effective solution for positioning tasks in automation. Precise positioning, high repeatability, and holding torque in rest position are just some of their advantages. They are ideally suited for use in robots, handling systems, or placement machines.

The stepper motor control module from u-remote provides everything required for efficient and flexible automation with stepper motors. Variably adjustable operating parameters and a wide-range supply of 12 to 50 V DC make the module flexibly applicable for a broad range of target applications. Six integrated, programmable encoder or digital inputs and two digital outputs with 0.5 A make the control module a complete solution that fits in a tiny space.



Your special advantages

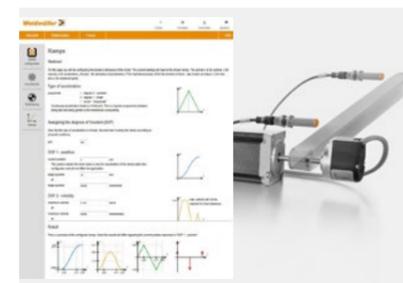
- Power output stage for drive power up to 50 W
- Supply voltage range from 12 to 50 V DC
- Six configurable encoder/digital inputs
- Two digital outputs (0.5 A)
- Up to 256 micro-steps
- Relative and absolute positioning
- Freely parametrisable traversing profiles
- Setting options for time optimisation / jerk minimisation



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Technical data

Type	Inputs (as per IEC 61131-2)	Outputs (as per IEC 61131-2)	Power output stage, max.	External module supply	Order No.	Qty.
UR20-1SM-50W-6DI2DO-P	4 digital inputs, P-switching and 2 inputs for 2-channel incremental encoder	2 digital outputs, 0.5 A, P-switching	50 W	12...50 V DC	2489830000	1



High flexibility

Various options for flexible setting and parametrisation in addition to a wide-range power supply make the module extremely versatile. Applications include translatory, rotary, endless, limited, and time or jerk optimised movements.



Efficient configuration

The web-based and thus platform-independent configuration tool allows effortless configuration and parameterisation of the control module. Preset basic functions simplify commissioning and reduce programming effort.



Integrated solution

Integrated encoder and digital inputs as well as digital outputs make the control module a compact, complete solution for stepper motor applications. The modular u-remote concept allows use with common fieldbus and control systems.

Increase maximum cable lengths of robot cabling

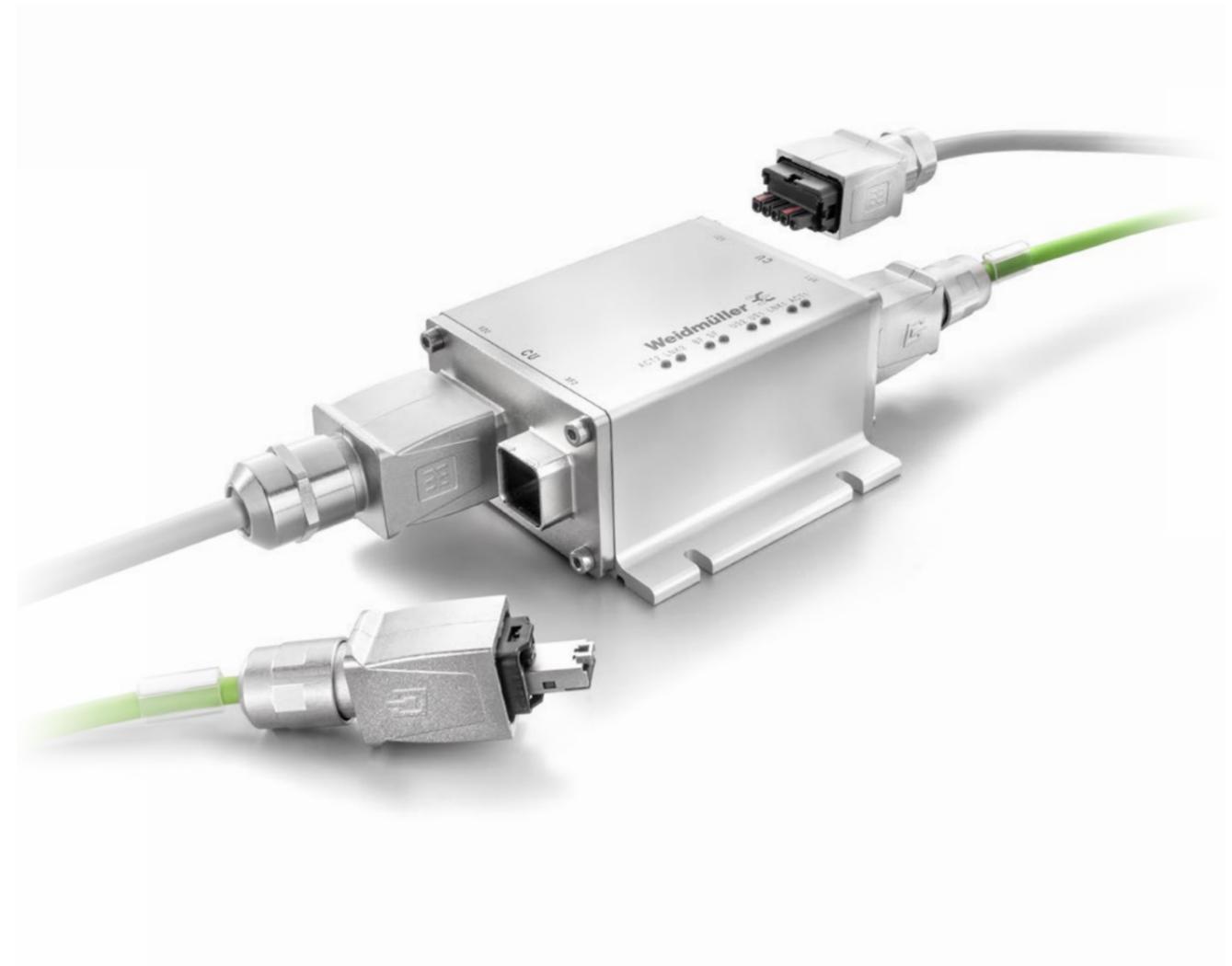
PROFINET repeater with robust metal enclosure in IP65

The number of robots in production plants is growing. They often have to be distributed over ever larger areas. Reliable transmission of data and signals must be guaranteed. However, with the proven Ethernet cabling, the cable length is limited to a maximum of 100 meters.

The maximum cable length in Ethernet can be extended from 100 m to 200 m with the help of our PROFINET repeater. The quick changing of the hose packages on the robot is particularly easy due to the easy-to-operate PushPull connectors. Eight integrated LEDs enable detailed status diagnostics directly on the device.

Your special advantages

- Doubling of the maximum cable length
- Robust metal housing in IP65
- Detailed diagnostics directly on the device



Extended cable length

For Ethernet cabling, the maximum cable length is limited to 100 m. Our repeater extends this limit to 200 m, allowing even larger systems to be realised.



Robust enclosure

The robust metal enclosure in IP65 provides reliable protection against dust and splash water, making it suitable for use in harsh industrial environments.



Convenient diagnosis

A total of eight LEDs provide information about the power supply, connected devices, data transmission activity and possible error states.

Technical data

Type	Operating voltage	Baud rate	Protection degree	Protocol	Operating temperature	Order No.	Qty.
IE-CDR-V14MRJ/VAPM-C	24 V DC	100 MBit/s	IP65	PROFINET IRT	-20 °C..55 °C	2581810000	1

Cable assembly with the highest efficiency

The highly flexible Weidmüller Wire Processing Center (WPC)

Today's switchgear cabinet construction has to accommodate many standardised cables in the smallest of spaces. Time-consuming wiring and last-minute changes must be carried out under cost pressure and a severe lack of skilled workers. A solution requires a high-performance cable assembly.

The Weidmüller WPC is a modular assembly system consisting of cable processing machines and industrial printers. The modules are interconnected via integrated interfaces and controlled via specialised software. The WPC gives users maximal freedom to enter data, control processes, and integrate components like cable feeding sorting system for finished cables, or additional printers. Users can execute project plans with ease and flexibility.

Your special advantages

- A modular system of machines, printers and appropriate software
- Multiple input options for CAE data
- Optimal processing of a wide variety of finishing tasks
- Flexible usage options
- Optimal integration into manufacturing processes
- Reliable replenishment with wire end ferrules and markers
- Optimal process reliability



Technical data

Type	Description of article	Stripping range	Electrical connection	Compressed-air connection	Order No.	Qty.
WIRE PROCESSING CENTER	Modular system for cable confectioning with integrated software (workshop wagon, Cutfix 8 Interface, Crimpfix R VARIO, THM MultiMark)	0.5 - 2.5 mm ² (~ AWG 20-14)	100 - 240 V AC / 50/60 Hz	5.5 bar	2634120000	1
WPC WAGON	Workshop wagon (empty wagon with display, control cabinet, storing system for wire end ferrules and markers)		100 - 240 V AC / 50/60 Hz	5.5 bar	2634140000	1
WPC KBZF A	Cable feeding option A				2666380000	1
WPC KBZF B	Cable feeding option B				2666390000	1
WPC GFSN	Grip plate station				2666400000	1



Optimisation of the wiring effort
CAE data is easily transferred to the WPC after planning. The software offers filter functions and provides access to data from various projects, ensuring optimal processing of the finishing steps.



Consideration of customer requirements
The WPC allows maximal flexibility. That includes various input options for CAE data, versatile modification options, the integration of additional printers, and other components such as cable feed systems.



Process reliability and efficiency
The supplied software controls the processing of the assembly steps between the components. Production is simple enough to be run by assistants. Fully skilled professionals are freed to focus on value-adding activities.

Master even difficult cutting tasks with ease

Front cutter with ratchet mechanism

Cutting cables with large dimensions or difficult access often is a time-consuming challenge. Our powerful cutting tools with ratchet mechanism are the perfect solution for difficult cutting tasks.

The front cutter KT-F 36 trims up to 36 mm thick cables. It operates effortlessly in very small, angled or otherwise difficult-to-access spaces. In the case of incorrect application, the operator can interrupt the cutting process in any position and reopen the cutting edges.

Your special advantages

- Ratchet mechanism for fatigue-free operation
- Front cutter for optimal accessibility of the material to be cut
- Tool can be reopened at any time during the cutting process



Fatigue-free working
The integrated ratchet mechanism enables fatigue-free working even with difficult conductors. Its ingenious mechanism directs the applied power directly into the cut.



Easy accessibility of the material to be cut
The KT-F 36 front cutter reaches into even the smallest cutting spaces.



Interruption of cutting process in any position
In the case of incorrect application, the operator can reopen the cutting edges in any position to interrupt the cutting process.

Technical data

Type	Product type	Cable type	Max. conductor diameter	Depth / Width / Height	Order No.	Qty.
KTF 36	Front cutter	Copper and aluminium cables	36 mm	50 / 360 / 150 mm	9002190000	1

Precise stripping is now even easier

AM 25 and AM 35 – highest quality meets outstanding ergonomics

Suitable stripping tools effectively accelerate many assembly processes. The processing of large cables, in particular, demands the right tool. With our stripping tools AM 25 and AM 35, cable diameters up to 35 mm can be prepared quickly and efficiently for further processing.

The AM 25 and AM 35 are stripping tools for cables with an outer diameter between 6 and 35 mm and an insulation thickness of 4.5 mm or less. The cutting depth adjusts continuously to fit any cable. Dedicated snap-in points enable a repeatable and precise cutting angle. The ergonomic design allows for fatigue-free working.

Your special advantages

- Outstanding ergonomics allow fast and safe working
- Designated cutting angle settings ensure precise and reproducible work results
- The continuous adjustability of the cutting depth permits maximum application versatility



Fatigue-free working
The ergonomic design ensures a secure grip and ideal force transmission for fatigue-free working.



Designated cutting directions
Snap-in points mark designated cutting directions for round, spiral and longitudinal cuts. The adjustment is fast and precise for each cut.



Continuous cutting depth adjustment
The cutting depth adjustment continuously matches a large variety of cables. An indicator scale easily enables accurate tool setting for each cable.

Technical data

Type	Product type	Cable type	Max. conductor diameter	Cut depth	Depth / Width / Height	Order No.	Qty.
AM 25	Sheathing strippers	PVC round cable	25 mm	adjustable up to 4.5 mm	33 / 47 / 157 mm	9001540000	1
AM 35	Sheathing strippers	PVC round cable	35 mm	adjustable up to 4.5 mm	33 / 53 / 174 mm	9001080000	1

Organisation and efficiency at the workplace

The Weidmüller tool chest with interchangeable tool inserts

Wiring a cabinet consumes a lot of time, but it must be done. With the Weidmüller tool chest, tools and working materials can be organised optimally for quick and efficient access at any time. That saves time and reduces costs.

The Weidmüller tool chest combines the best quality with intelligent features. The foam inserts are perfectly tailored to the drawers. Due to their three-part division, individual drawer layouts fit together so that tools are sorted according to their application. If a layout is empty, a label indicates which tool is missing. A QR code links to the relevant information and application videos in the online catalogue.



Your special advantages

- Three-part foam inserts with universal tool recesses for maximal flexibility
- Labelling fields with QR codes for quick identification of missing tools
- Optionally expandable with various attachments

Technical data

Type	Product type	Depth / Width / Height	Order No.	Qty.
Tool Chest	Mobile tool chest with 6 lockable drawers	525 / 894 / 928 mm	on request	1
Tool Chest Accessories	Attachments for the Weidmüller tool chest		on request	1
Tool inlay	Foam inlays for the Weidmüller tool chest, equipped	50 / 200 / 447 mm	on request	1
Tool inlay empty	Foam inlays for the Weidmüller tool chest, empty	50 / 200 / 447 mm	on request	1

Note: Available end of 2nd Quarter 2019



Subsequent expansion

Both sides have standard perforated walls. An optional perforated wall for the rear allows the retrofitting of additional elements.



Great flexibility

The three-part foam inserts enable application-specific drawer layouts. The moulds of the tool inserts have a universal design making them suitable for different tools.



Distinct labelling

Highly discernable markers show designation and article number and indicate the location of each tool. A QR code links to further information on the tool in the online catalogue.

Simple stripping even of large cables

AM-X - for all conductors from 25 mm diameter

Suitable stripping tools accelerate many assembly processes effectively. In particular, the right tool is necessary for the processing of large cables. AM-X facilitates stripping for subsequent tasks. Processing cables with diameters from 25 mm is fast and effective.

The AM-X is a sheath-stripping tool for cables that have an outer diameter of at least 25 mm and an insulation thickness of maximum 5 mm. The cutting depth can be adjusted continuously to adapt to any cable independently. A sliding plate at the blade protects inner cables or wires from accidental damage. The integrated ratchet makes dismantling easy and allows for fatigue-free work.



Your special advantages

- Suitable for unlimited conductor cross-sections
- Replaceable cutting blade with a protective sliding plate
- Ratchet mechanism for easy operation

Technical data

Type	Conductor O.D., min.	Conductor O.D., max.	Cut depth	Length	Net weight	Order No.	Qty.
AM-X	25 mm	∞	5 mm	155 mm	170 g	2625720000	1



Fatigue-free working

The integrated ratchet mechanism allows quick and fatigue-free working even with difficult conductors. A sophisticated mechanism directs the force into the cut.



No limitation of the conductor cross-section

Due to its innovative design, the AM-X can process any cable with an outer diameter of 25 mm or more. There is no upper limit.



Avoidance of damage

The sliding plate attached to the cutting blade protects internal conductors and strands from damage. The knife has two cutting edges, doubling the service life.

Reliable processing with high flexibility

POWERCRIMPER 6.0 – the all-rounder for wire-end ferrule processing

Progressive automation and increasing flexibility are decisive factors to withstand general cost pressures. Semi-automated solutions for reliable processing make the production process more economical.

The POWERCRIMPER 6.0 offers maximal flexibility. Wire-end ferrules with and without plastic collars in the cross-section range of 0.5 to 6 mm² as well as twin wire-end ferrules of 2 x 0.5 to 2 x 2.5 mm² can be processed without changing tools. The electro-pneumatic drive gives the POWERCRIMPER 6.0 high robustness and longevity.

Your special advantages

- Short cycle times (approx. 1.0 s)
- Process-safe conductor finishing in the cross-section range 0.5 to 6 mm² (AWG 20-10)
- More versatile; for wire-end ferrules with and without a plastic collar and for twin wire-end ferrules
- Processing of different crimp lengths (6 to 18 mm)
- Particularly simple operation



Flexible wire-end ferrule processing
Automated processing of all common wire-end ferrules that are with and without plastic collars as well as twin ferrules.



Quick and easy pre-assembly
The POWERCRIMPER 6.0 accelerates production by its simple operation using foot switches and cycle times of about only one second per cycle.



Robustness and long service life
High-quality metal components make the crimping machine extremely robust and guarantee a very long service life when used appropriately.

Technical data

Type	Crimping range	Crimping length	Pulse time	Electrical connection	Compressed-air connection	Order No.	Qty.
POWERCRIMPER 6.0	0.5...6 mm ²	6...18 mm	1.0 s	100...240 V / 50/60 Hz	5.5 bar	2634310000	1

Precise testing – simple and safe

Compact voltage testers, standard-compliant and highly functional

To guarantee the highest possible safety in handling systems and equipment, careful inspection of all relevant functions is essential during assembly, maintenance and repair processes. Voltage detectors are the only reliable instrument for testing the absence of voltage.

The new generation of two-pole voltage detectors from Weidmüller is now even more compact and offers innovative advantages in addition to the proven functions. The VT Digi Pro makes it possible to test up to 1,000 V AC or DC. It measures the frequency and resistance in addition to voltage, rotating field and continuity. The new testers can also be operated conveniently with one hand.



Your special advantages

- Voltage measurement range up to 1,000 V AC/DC for a broad range of applications
- Extended range of functions such as frequency and resistance measurement
- Higher safety according to CAT IV 600V
- Compact design to facilitate work and transport

Technical data

Type	AC voltage measuring range	Display	Frequency range	Measuring range category / Protection degree	Approvals	Order No.	Qty.
VT MASTER	12-690 V	LED	0...65 Hz	CAT III 600 V / IP54	DIN EN 61243-3:2015	9918880000	1
VT COMBI PRO	6-690 V	LED	16...400 Hz	CAT III - 690V / IP65 / CAT IV - 600V	DIN EN 61243-3:2015	9918860000	1
VT DIGI PRO	1 - 1,000 V	LCD digital	16...400 Hz	CAT III 1.000V / CAT IV 600V / IP65	DIN EN 61243-3:2015	9918870000	1



Various applications

In addition to testing voltage and continuity, the VT Digi Pro measures resistance and frequency.



Large measuring range

Voltage AC/DC in range of 1 V to 1,000 V is indicated reliably.



Resistant to dust and dirt

Our voltage testers satisfy protection class IP65, which means they are resistant to dust and water jets. You are guaranteed safe working, even in harsh environments and under adverse conditions.

Bundling and securing of cables and hoses in harsh environments

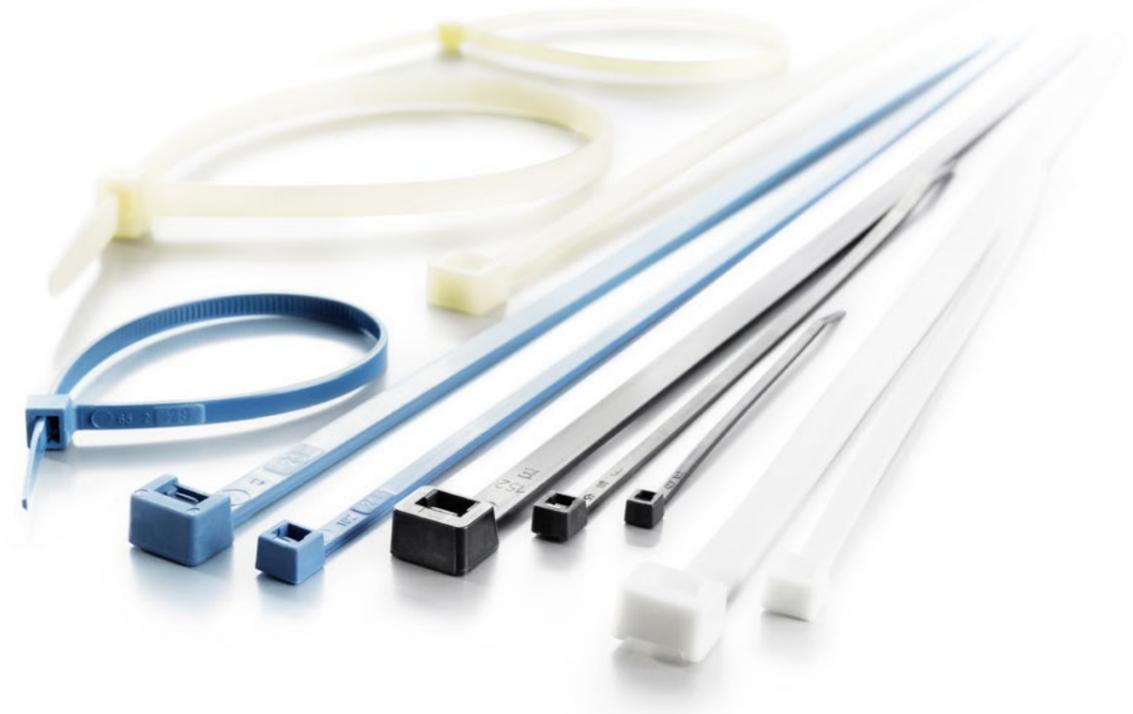
Special cable ties for application-specific cable fastening

Standard cable ties are not suitable for reliable fastening and bundling of cables in extreme environments. Due to their material properties, they quickly reach their limits. Therefore, the use of cable ties made of special plastics is necessary for many applications.

Our application-specific cable ties are especially developed for fastening and bundling cables or hoses in these extreme environments. They resist strong UV radiation and heat in photovoltaic systems and meet the highest fire protection requirements in the railway industry. With our special cable ties, we offer the right product for every application and requirement of your switch cabinet construction.

Your special advantages

- Particularly good resistance against UV radiation in outdoor areas
- Durability at high operating temperatures, up to +125 °C
- Self-extinguishing to prevent toxic gases and corrosive acids in case of fire



Technical data

Type	Height / Width	Colour code	Tensile strength	Continuous operating temperature	UL 94 flammability rating	Order No.	Qty.
CB-HTR 98/2.5 BK	98 / 2.5 mm	black	80 N	-40...125 °C	V-2	2659370000	100
CB-HTR 98/2.5 NC	98 / 2.5 mm	Natural	80 N	-40...125 °C	V-2	2659430000	100
CB-HTR 140/3.5 BK	140 / 3.5 mm	black	180 N	-40...125 °C	V-2	2659380000	100
CB-HTR 140/3.5 NC	140 / 3.5 mm	Natural	180 N	-40...125 °C	V-2	2659440000	100
CB-HTR 200/3.5 BK	200 / 3.5 mm	black	180 N	-40...125 °C	V-2	2659390000	100
CB-HTR 200/3.5 NC	200 / 3.5 mm	Natural	180 N	-40...125 °C	V-2	2659450000	100
CB-HTR 200/4.8 BK	200 / 4.5 mm	black	220 N	-40...125 °C	V-2	2659400000	100
CB-HTR 200/4.8 NC	200 / 4.5 mm	Natural	220 N	-40...125 °C	V-2	2659460000	100
CB-HTR 290/4.5 BK	290 / 4.5 mm	black	220 N	-40...125 °C	V-2	2659410000	100
CB-HTR 290/4.5 NC	290 / 4.5 mm	Natural	220 N	-40...125 °C	V-2	2659470000	100
CB-HTR 365/7.5 BK	365 / 7.5 mm	black	540 N	-40...125 °C	V-2	2659420000	100
CB-HTR 365/7.5 NC	365 / 7.5 mm	Natural	540 N	-40...125 °C	V-2	2659480000	100
CB-UVR 98/2.5 BK	98 / 2.5 mm	black	80 N	-40...105 °C	V-2	2659310000	100
CB-UVR 140/3.5 BK	140 / 3.5 mm	black	180 N	-40...105 °C	V-2	2659320000	100
CB-UVR 200/3.5 BK	200 / 3.5 mm	black	180 N	-40...105 °C	V-2	2659330000	100
CB-UVR 200/4.8 BK	200 / 4.5 mm	black	220 N	-40...105 °C	V-2	2659340000	100
CB-UVR 290/4.5 BK	290 / 4.5 mm	black	220 N	-40...105 °C	V-2	2659350000	100
CB-UVR 365/7.5 BK	365 / 7.5 mm	black	540 N	-40...105 °C	V-2	2659360000	100
CB-VT 98/2.5 HF/VO WT	98 / 2.5 mm	white	80 N	-40...85 °C	V-0	2659490000	100
CB-VT 140/3.5 HF/VO WT	140 / 3.5 mm	white	180 N	-40...85 °C	V-0	2659500000	100
CB-VT 200/3.5 HF/VO WT	200 / 3.5 mm	white	180 N	-40...85 °C	V-0	2659510000	100
CB-VT 200/4.8 HF/VO WT	200 / 4.5 mm	white	220 N	-40...85 °C	V-0	2659520000	100
CB-VT 290/4.5 HF/VO WT	290 / 4.5 mm	white	220 N	-40...85 °C	V-0	2659530000	100
CB-VT 365/7.5 HF/VO WT	365 / 7.5 mm	white	540 N	-40...85 °C	V-0	2659540000	100



UV-resistant cable ties
 UV-resistant polyamide 6.6 guarantees outstanding durability of our special cable ties even under strong UV radiation. Excellent for permanent outdoor use.



Heat stabilised cable ties
 Our heat-stabilised cable ties are made of polyamide 6.6 to endure permanent use at temperatures up to +125 °C.



Fire protected cable ties
 Our flame retardant cable ties are suitable for environments with very high fire protection requirements. They comply with EN45545 for use in railway vehicles.

Clear marking of different devices

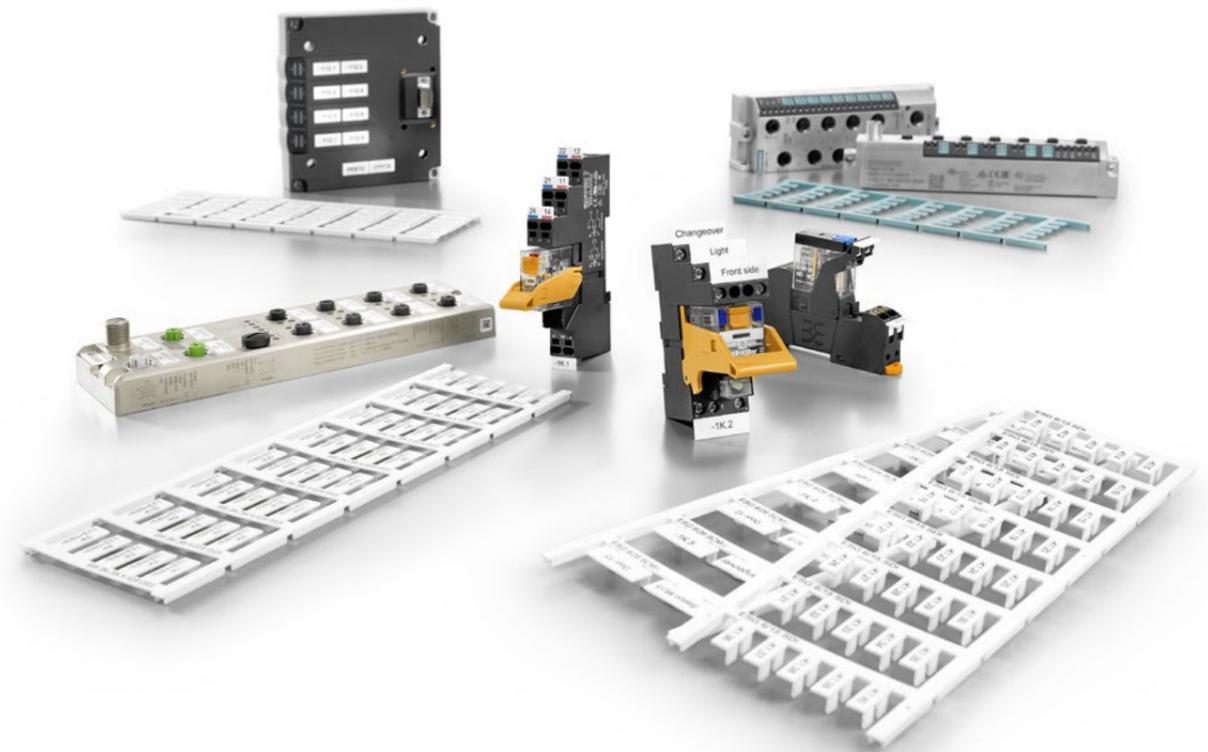
The new ESG markers in the MultiCard range

Installation and maintenance work is considerably reduced with a unified marking for terminal blocks, conductors, cables, devices or systems – independent of their manufacturer. Weidmüller has established a new standard with the MultiCard system. Its portfolio is extensive and continually expanding.

The new device and system marker enables a complete range of switchgear marking. Correctly matched markers are available for the devices of many well-known manufacturers – either with classic adhesive technology or with fast latching technology in conjunction with true-to-original signs. With Weidmüller device markers, users are able to comply with the obligations of equipment labelling.

Your special advantages

- Labelling with PrintJet printing systems or plotters for fast and durable marking
- Clear identification to avoid installation errors and simplify maintenance and repair
- Perfect overview and an all-around professional impression of the entire system



Technical data

Type	Product type	Application/manufacturer	Height / Width	Colour	Printed characters	Order No.	Qty.
ESG-F 9/20 MC NE WS	Device markers	Festo / CPV 18	20 / 9 mm	White	blank	2556510000	200
ESG 9/26 SCM-I MC NE WS	Device markers	Weidmüller, Relay base SCM-I	9 / 26 mm	White	blank	2558330000	80
ESG 6/15 SDI MC NE WS	Device markers	Weidmüller, Relay base SDI	15 / 6 mm	White	blank	2558340000	200
ESG 6/15 SRC-I MC NE WS	Device markers	Weidmüller, Relay base SRC-I	15 / 6 mm	White	blank	2558350000	200
ESG 8/20 K MC NE WS	Device markers	Weidmüller, u-remote IP67 PROFIBUS, PROFINET	20 / 8 mm	White	blank	2558360000	200
ESG 7/10 MC NE WS	Device markers	Siemens Simatic ET 200eco	10 / 7 mm	White	blank	2569880000	200
ESG 7/10 MC NE TU	Device markers	Siemens Simatic ET 200eco	10 / 7 mm	Turquoise	blank	2569890000	200
ESG-F 9/20 MC SDR	Device markers	Festo / CPV 18	20 / 9 mm	White	To customer specification (Please send M-Print PRO file)	2556520000	40
ESG 8/20 K MC SDR	Device markers	Weidmüller, u-remote IP67 PROFIBUS, PROFINET	20 / 8 mm	White	To customer specification (Please send M-Print PRO file)	2558290000	40
ESG 6/15 SRC-I MC SDR	Device markers	Weidmüller, Relay base SRC-I	15 / 6 mm	White	To customer specification (Please send M-Print PRO file)	2558300000	40
ESG 6/15 SDI MC SDR	Device markers	Weidmüller, Relay base SDI	15 / 6 mm	White	To customer specification (Please send M-Print PRO file)	2558310000	40
ESG 9/26 SCM-I MC SDR	Device markers	Weidmüller, Relay base SCM-I	9 / 26 mm	White	To customer specification (Please send M-Print PRO file)	2558320000	16
ESG 7/10 MC SDR	Device markers	Siemens Simatic ET 200eco	10 / 7 mm	White, Turquoise	To customer specification (Please send M-Print PRO file)	2580920000	40



Suitable for relay sockets

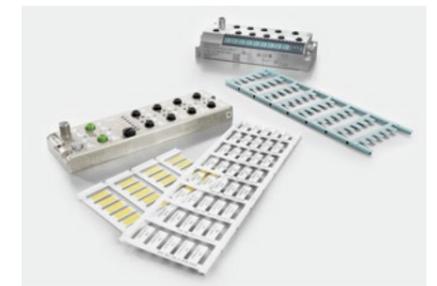
The three new markers of type ESG are suitable for bases of relay couplers of the RIDERSERIES or D-SERIES in widths 16 and 27 mm:

- ESG 6/15 SRC-I for SRC-I socket
- ESG 6/15 SDI for SDI socket
- ESG 9/26 SCM-I for SCM-I socket



Suitable for FESTO CPV18 valve terminals

Markers of type ESG-F 9/20 are designed especially for marking FESTO valve terminals CPV18. A perfectly suitable foot contour thereby ensures a firm hold in the respective cover.



Ideal for distributed peripherals

The Slim ESG 7/10 markers in white or turquoise are new additions for the Simatic ET200 Eco series. ESG 8/20 K markers fit among others Weidmüller u-remote IP67 PROFIBUS-DP, Murrelektronik MVK, or Solid67 modules.

Food safety at the highest level

Detectable MultiCards to support the HACCP concept

The food and beverage industry places the highest demands on quality, hygiene and safety. With our detectable marking solutions, we support our customers in ensuring that the high standards required within the HACCP concept are met.

Thanks to a metallic filling material, our detectable Multi-Cards are identifiable by metal and X-ray detectors. This minimises the risk of contamination during the food production process. MultiCards maximise safety thanks to properties such as corrosion resistance and ageing resistance against UV radiation and heat. We regularly check and confirm these properties in our accredited laboratory.

Your special advantages

- Detectable by metal and X-ray detectors
- Visually recognisable by blue colour
- Corrosion resistant metallic filler
- Clear and resistant print image
- Available in different versions for a wide variety of marking requirements



Technical data

Type	Product type	Height / Width	Colour	Size of labelling field	Tensile strength	Order No.	Qty.
SFX-DT 9/24 MC NE BL	Conductor and cable markers	24 / 15 mm	Blue	23.9x9 mm		2602720000	160
SFX-DT 11/60 MC NE BL	Conductor and cable markers	60 / 11 mm	Blue	11x44 mm		2602730000	60
SFX-DT 10/60 S MC NE BL	Conductor and cable markers	60 / 10 mm	Blue	9.5x60 mm		2602740000	50
CB-DT 100/2.5 BL	Cable ties	100 / 2.5 mm	Blue		100 N-m	2602750000	100
CB-DT 140/3.5 BL	Cable ties	140 / 3.5 mm	Blue		200 N-m	2602760000	100
CB-DT 200/4.5 BL	Cable ties	200 / 4.5 mm	Blue		280 N-m	2602770000	100
CB-DT 280/4.5 BL	Cable ties	280 / 4.5 mm	Blue		280 N-m	2602780000	100
CB-DT 380/4.5 BL	Cable ties	380 / 4.5 mm	Blue		280 N-m	2602790000	100
CB-DT 360/7.5 BL	Cable ties	360 / 7.5 mm	Blue		550 N-m	2602800000	100



Safety standard according to HACCP concept

The excellent detectability of the metal-containing plastic material enables reliable detection by common metal and X-ray detectors and helps to implement the HACCP concept.



Laboratory-tested quality

To ensure the high product quality of our markers, we subject the products to the strictest control and testing procedures in our accredited laboratory.



Highly resistant labelling

The thermal fixation of our PrintJet ADVANCED printing system permits extremely robust and durable labelling of the markers, even in industrial environments.

Clear, fast and economical marking

Marking with MultiMark

Order within a control cabinet must be immediately recognisable for maintenance tasks, which requires clear labelling of all installed components. With the MultiMark marking system, we provide a fast and reliable solution for all marking tasks.

The wide variety of the MultiMark product family enables optimally structured and sustainable marking in every control cabinet. All marking tasks can be performed efficiently, safely, and flexibly with MultiMark. Our terminal markers, for example, achieve all of the above. They allow fast printing and snapping and also satisfy the high demands of vibration and shock resistance—for all manufacturers.



Your special advantages

- Broad range with over 725 marking products
- Suitable for virtually all marking tasks
- Instant print output for fast identification
- Functional advantages, e.g. with terminal markers
- Best material properties
- Convenient handling
- Clear print image



www.weidmueller.com/multimark



Secure snap-on connection

A clever, composite material ensures convenient and functional handling. The hard base contour made of solid plastic allows reliable latching, the elastic upper material has a particularly good grip and facilitates installation.



New special cable markers SFX

The material of the SFX-VT cable markers complies with DIN EN 45545 and is specifically approved for traffic engineering. The SFX-DT markers can be detected due to a metal-enriched material and are, therefore, of particular interest for the food industry.



Functional and of high quality

The embossed device markers have a unique foam layer which is ideally suited for rough surfaces. All labels have a high adhesive strength and high quality due to their material thickness.

Technical data

Type	Product type	Height / Width	Colour	Conductor O.D.	Size of labelling field	Order No.	Qty.
DEK 5/3.5 MM BP WS	Terminal marker	5 / 3.5 mm	White		4.5 x 2.8 mm	2619760000	15000
DEK 5/5 MM BP WS	Terminal marker	5 / 5 mm	White		4.5 x 4.7 mm	2619770000	10000
DEK 5/6 MM BP WS	Terminal marker	5 / 6 mm	White		4.5 x 5.7 mm	2619780000	9000
DEK 5/8MM BP WS	Terminal marker	5 / 8 mm	White		4.5 x 7.5 mm	2619790000	6000
WS 8/3.5MM BP WS	Terminal marker	8 / 3.5 mm	White		7 x 2.8 mm	2619800000	11000
WS 8/5 MM BP WS	Terminal marker	8 / 5 mm	White		7 x 4.5 mm	2619810000	8000
WS 8/6 MM BP WS	Terminal marker	8 / 6 mm	White		7 x 5.5 mm	2619820000	6000
WS 8/8 MM BP WS	Terminal marker	8 / 8 mm	White		7 x 7.3 mm	2619830000	5000
WS 12/3.5 MM BP WS	Terminal marker	12 / 3.5 mm	White		10.5 x 2.8 mm	2619840000	8000
WS 12/5 MM BP WS	Terminal marker	12 / 5 mm	White		10.5 x 4.7 mm	2619850000	5500
WS 12/6 MM BP WS	Terminal marker	12 / 6 mm	White		10.5 x 5.3 mm	2619860000	4500
WS 12/8 MM BP WS	Terminal marker	12 / 8 mm	White		10.5 x 7.1 mm	2619870000	3500
DEK 5/7.5 MM WS	Terminal marker	5 / 7.5 mm	White		4.5 x 7 mm	2619920000	500
WS 12/6.5 MM WS	Terminal marker	12 / 6.5 mm	White		10.5 x 5.8 mm	2619930000	600
ESG 6/15 MM WS	Device markers	6 / 15 mm	White		6 x 15 mm	2619940000	3000
ESG 6/15 MM GE	Device markers	6 / 15 mm	Yellow		6 x 15 mm	2619950000	3000
ESG 6/15 MM GR	Device markers	6 / 15 mm	Grey		6 x 15 mm	2619960000	3000
EL CC-RAIL MM WS 30M	Device markers	15 / 30000 mm	White			2619970000	1
EL CC-RAIL MM GE 30M	Device markers	15 / 30000 mm	Yellow			2619980000	1
ESG-FD 6/17 MM WS	Device markers	6 / 17 mm	White		6 x 17 mm	2619990000	1000
ESG-FD 6/17 MM GE	Device markers	6 / 17 mm	Yellow		6 x 17 mm	2620000000	1000
ESG-FD 6/17 MM SI	Device markers	6 / 17 mm	Silver		6 x 17 mm	2620910000	1000
ESG-FD 9/17 MM GE	Device markers	9 / 17 mm	Yellow		9 x 17 mm	2620920000	1000
ESG-FD 9/17 MM WS	Device markers	9 / 17 mm	White		9 x 17 mm	2620930000	1000
ESG-FD 9/17 MM SI	Device markers	9 / 17 mm	Silver		9 x 17 mm	2620940000	1000
ESG-FD 8/20 MM WS	Device markers	8 / 20 mm	White		8 x 20 mm	2620950000	1000
ESG-FD 8/20 MM GE	Device markers	8 / 20 mm	Yellow		8 x 20 mm	2620960000	1000
ESG-FD 8/20 MM SI	Device markers	8 / 20 mm	Silver		8 x 20 mm	2620970000	1000
ESG-FD 6/15 MM WS	Device markers	6 / 15 mm	White		6 x 15 mm	2620980000	1000
ESG-FD 6/15 MM GE	Device markers	6 / 15 mm	Yellow		6 x 15 mm	2620990000	1000
ESG-FD 6/15 MM SI	Device markers	6 / 15 mm	Silver		6 x 15 mm	2621060000	1000

Technical data

Type	Product type	Height / Width	Colour	Conductor O.D.	Size of labelling field	Order No.	Qty.
SM-FD 27/8 MM WS	Device markers	8 / 27 mm	White		8 x 27 mm	2621070000	500
SM-FD 27/8 MM GE	Device markers	8 / 27 mm	Yellow		8 x 27 mm	2621080000	500
SM-FD 27/8 MM SI	Device markers	8 / 27 mm	Silver		8 x 27 mm	2621090000	500
SM-FD 27/18 MM WS	Device markers	18 / 27 mm	White		17.7 x 27 mm	2621100000	500
SM-FD 27/18 MM GE	Device markers	18 / 27 mm	Yellow		17.7 x 27 mm	2621110000	500
SM-FD 27/18 MM SI	Device markers	18 / 27 mm	Silver		17.7 x 27 mm	2621120000	500
SM-FD 27/18-22 MM SI	Device markers	29.5 / 47.75 mm	Silver		29.5 x 20.25 mm	2621130000	500
SM-FD 27/18-22 MM GE	Device markers	29.5 / 47.75 mm	Yellow		29.5 x 20.25 mm	2621140000	500
SM-FD 27/18-22 MM WS	Device markers	29.5 / 47.75 mm	White		29.5 x 20.25 mm	2621150000	500
SM-FD 18/9.5 MM WS	Device markers	9 / 18 mm	White		9 x 18 mm	2621160000	500
SM-FD 18/9.5 MM SI	Device markers	9 / 18 mm	Silver		9 x 18 mm	2621170000	500
SM-FD DIA 60-22 MM GE	Device markers	60 / 60 mm	Yellow		60 x 60 mm	2621180000	100
SM-FD 36/18-30 MM WS	Device markers	36 / 56 mm	White		36 x 21.75 mm	2621190000	100
SM-FD 36/18-30 MM GE	Device markers	36 / 56 mm	Yellow		36 x 21.75 mm	2621200000	100
SM-FD 36/18-30 MM SI	Device markers	36 / 56 mm	Silver		36 x 21.75 mm	2621210000	100
SM-FD 27/12.5 MM WS	Device markers	12.5 / 27 mm	White		12.5 x 27 mm	2621220000	500
SM-FD 27/12.5 MM GE	Device markers	12.5 / 27 mm	Yellow		12.5 x 27 mm	2621230000	500
SM-FD 27/12.5 MM SI	Device markers	12.5 / 27 mm	Silver		12.5 x 27 mm	2621240000	500
CC-FD 85/54 MM WS	Device markers	85 / 54 mm	White		85.4 x 54 mm	2621250000	100
CC-FD 85/54 MM GE	Device markers	85 / 54 mm	Yellow		85.4 x 54 mm	2621260000	100
CC-FD 85/54 MM SI	Device markers	85 / 54 mm	Silver		85.4 x 54 mm	2621270000	100
CC-FD 30/60 MM WS	Device markers	30 / 60 mm	White		30 x 60 mm	2621280000	100
CC-FD 30/60 MM GE	Device markers	30 / 60 mm	Yellow		30 x 60 mm	2621290000	100
CC-FD 30/60 MM SI	Device markers	30 / 60 mm	Silver		30 x 60 mm	2621300000	100
CC-FD 15/60 MM WS	Device markers	15 / 60 mm	White		15 x 60 mm	2621310000	500
CC-FD 15/60 MM GE	Device markers	15 / 60 mm	Yellow		15 x 60 mm	2621320000	500
CC-FD 15/60 MM SI	Device markers	15 / 60 mm	Silver		15 x 60 mm	2621330000	500
CC-FD 15/45 MM WS	Device markers	15 / 45 mm	White		15 x 44.5 mm	2621340000	500
CC-FD 15/45 MM GE	Device markers	15 / 45 mm	Yellow		15 x 44.5 mm	2621350000	500
CC-FD 15/45 MM SI	Device markers	15 / 45 mm	Silver		15 x 44.5 mm	2621360000	500
CC-FD 15/27 MM WS	Device markers	15 / 27 mm	White		15 x 27 mm	2621370000	500
CC-FD 15/27 MM GE	Device markers	15 / 27 mm	Yellow		15 x 27 mm	2621380000	500
CC-FD 15/27 MM SI	Device markers	15 / 27 mm	Grey		15 x 27 mm	2621390000	500
EL 6 MM WS 30M	Device markers	6 / 30000 mm	White			2621400000	1
EL 6 MM GE 30M	Device markers	6 / 30000 mm	Yellow			2621410000	1
EL 9 MM WS 30M	Device markers	9 / 30000 mm	White			2621420000	1
EL 9 MM GE 30M	Device markers	9 / 30000 mm	Yellow			2621430000	1
SFX-VT 11/60 MM GE	Conductor and cable markers	10.5 / 60 mm	Yellow	> 7	10.5 x 44 mm	2621440000	1000
SFX-VT 11/60 MM WS	Conductor and cable markers	10.5 / 60 mm	White	> 7	10.5 x 44 mm	2621450000	1000
SFX-VT 9/24 MM GE	Conductor and cable markers	9 / 24 mm	Yellow	> 7	23.5 x 9 mm	2621460000	1000
SFX-VT 9/24 MM WS	Conductor and cable markers	9 / 24 mm	White	> 7	23.5 x 9 mm	2621470000	1000
SFX-DT 11/60 MM BL	Conductor and cable markers	10.5 / 60 mm	Blue	> 7	10.5 x 44 mm	2621480000	1000
SFX-DT 9/24 MM BL	Conductor and cable markers	9 / 24 mm	Blue	> 7	23.5 x 9 mm	2621490000	1000
THM WO 20/32 WS	Conductor and cable markers	32 / 20 mm	White	2.8 - 7 mm	9 x 20 mm	2621500000	3000
THM WO 25/37 WS	Conductor and cable markers	37 / 25 mm	White	4.8 - 7 mm	15 x 25 mm	2621510000	2500
THM WO 24/69 WS	Conductor and cable markers	69 / 24 mm	White	5 - 16 mm	16 x 24 mm	2621520000	1000
THM WO 14/22 WS	Conductor and cable markers	22 / 14 mm	White	1.9 - 5 mm	6 x 14 mm	2621530000	5000
THM MT30X 50/18 WS	Conductor and cable markers	18 / 50 mm	White		18 x 50 mm	2621550000	2000
THM WO VIN 25.4/36.5 GE IW	Conductor and cable markers	36.5 / 25.4 mm	Yellow	4 - 7.5 mm	12.7 x 25.4 mm	2625560000	2500

Technical data

Type	Product type	Height / Width	Colour	Conductor O.D.	Size of labelling field	Order No.	Qty.
HS-FR 1.2-2.4/25 MM W	Conductor and cable markers	4 / 24.9 mm	White	1.2 - 2.4 mm	4 x 24.9 mm	2621560000	2000
HS-FR 1.2-2.4/25 MM Y	Conductor and cable markers	4 / 24.9 mm	Yellow	1.2 - 2.4 mm	4 x 24.9 mm	2621570000	2000
HS-FR 1.6-3.2/25 MM W	Conductor and cable markers	5.2 / 24.9 mm	White	1.6 - 3.2 mm	5.2 x 24.9 mm	2621580000	2000
HS-FR 1.6-3.2/25 MM Y	Conductor and cable markers	5.2 / 24.9 mm	Yellow	1.6 - 3.2 mm	5.2 x 24.9 mm	2621590000	2000
HS-FR 2.4-4.8/25 MM W	Conductor and cable markers	7.7 / 24.9 mm	White	2.4 - 4.8 mm	7.7 x 24.9 mm	2621600000	2000
HS-FR 2.4-4.8/25 MM Y	Conductor and cable markers	7.7 / 24.9 mm	Yellow	2.4 - 4.8 mm	7.7 x 24.9 mm	2621610000	2000
HS-FR 3.2-6.4/25 MM W	Conductor and cable markers	10.3 / 24.9 mm	White	3.2 - 6.4 mm	10.3 x 24.9 mm	2621620000	2000
HS-FR 3.2-6.4/25 MM Y	Conductor and cable markers	10.3 / 24.9 mm	Yellow	3.2 - 6.4 mm	10.3 x 24.9 mm	2621630000	2000
HS-FR 4.8-9.5/25 MM W	Conductor and cable markers	15.1 / 24.9 mm	White	4.8 - 9.5 mm	15.1 x 24.9 mm	2621640000	1000
HS-FR 4.8-9.5/25 MM Y	Conductor and cable markers	15.1 / 24.9 mm	Yellow	4.8 - 9.5 mm	15.1 x 24.9 mm	2621650000	1000
HS-FR 6.4-12.7/25 MM W	Conductor and cable markers	19.9 / 24.9 mm	White	6.4 - 12.7 mm	19.9 x 24.9 mm	2621660000	1000
HS-FR 6.4-12.7/25 MM Y	Conductor and cable markers	19.9 / 24.9 mm	Yellow	6.4 - 12.7 mm	19.9 x 24.9 mm	2621670000	1000
HS-FR 9.5-19.1/25 MM W	Conductor and cable markers	30.4 / 24.9 mm	White	9.5 - 19.1 mm	30.4 x 24.9 mm	2621680000	1000
HS-FR 9.5-19.1/25 MM Y	Conductor and cable markers	30.4 / 24.9 mm	Yellow	9.5 - 19.1 mm	30.4 x 24.9 mm	2621690000	1000
HS-FR 12.7-25.4/25 MM W	Conductor and cable markers	40.5 / 24.9 mm	White	12.7 - 25.4 mm	40.5 x 24.9 mm	2621700000	600
HS-FR 12.7-25.4/25 MM Y	Conductor and cable markers	40.5 / 24.9 mm	Yellow	12.7 - 25.4 mm	40.5 x 24.9 mm	2621710000	600
HS-FR 19.1-38.1/25 MM W	Conductor and cable markers	60.8 / 24.9 mm	White	19.1 - 38.1 mm	60.8 x 24.9 mm	2621720000	200
HS-FR 19.1-38.1/25 MM Y	Conductor and cable markers	60.8 / 24.9 mm	Yellow	19.1 - 38.1 mm	60.8 x 24.9 mm	2621730000	200
HS-FR 1.2-2.4/50 MM W	Conductor and cable markers	4 / 49.8 mm	White	1.2 - 2.4 mm	4 x 49.8 mm	2621740000	1000
HS-FR 1.2-2.4/50 MM Y	Conductor and cable markers	4 / 49.8 mm	Yellow	1.2 - 2.4 mm	4 x 49.8 mm	2621750000	1000
HS-FR 1.6-3.2/50 MM W	Conductor and cable markers	5.2 / 49.8 mm	White	1.6 - 3.2 mm	5.2 x 49.8 mm	2621760000	1000
HS-FR 1.6-3.2/50 MM Y	Conductor and cable markers	5.2 / 49.8 mm	Yellow	1.6 - 3.2 mm	5.2 x 49.8 mm	2621770000	1000
HS-FR 2.4-4.8/50 MM W	Conductor and cable markers	7.7 / 49.8 mm	White	2.4 - 4.8 mm	7.7 x 49.8 mm	2621780000	1000
HS-FR 2.4-4.8/50 MM Y	Conductor and cable markers	7.7 / 49.8 mm	Yellow	2.4 - 4.8 mm	7.7 x 49.8 mm	2621790000	1000
HS-FR 3.2-6.4/50 MM W	Conductor and cable markers	10.3 / 49.8 mm	White	3.2 - 6.4 mm	10.3 x 49.8 mm	2621800000	1000
HS-FR 3.2-6.4/50 MM Y	Conductor and cable markers	10.3 / 49.8 mm	Yellow	3.2 - 6.4 mm	10.3 x 49.8 mm	2621810000	1000
HS-FR 4.8-9.5/50 MM W	Conductor and cable markers	15.1 / 49.8 mm	White	4.8 - 9.5 mm	15.1 x 49.8 mm	2621820000	500
HS-FR 4.8-9.5/50 MM Y	Conductor and cable markers	15.1 / 49.8 mm	Yellow	4.8 - 9.5 mm	15.1 x 49.8 mm	2621830000	500
HS-FR 6.4-12.7/50 MM W	Conductor and cable markers	19.9 / 49.8 mm	White	6.4 - 12.7 mm	19.9 x 49.8 mm	2621840000	500
HS-FR 6.4-12.7/50 MM Y	Conductor and cable markers	19.9 / 49.8 mm	Yellow	6.4 - 12.7 mm	19.9 x 49.8 mm	2621850000	500
HS-FR 9.5-19.1/50 MM W	Conductor and cable markers	30.4 / 49.8 mm	White	9.5 - 19.1 mm	30.4 x 49.8 mm	2621860000	500
HS-FR 9.5-19.1/50 MM Y	Conductor and cable markers	30.4 / 49.8 mm	Yellow	9.5 - 19.1 mm	30.4 x 49.8 mm	2621870000	500
HS-FR 12.7-25.4/50 MM W	Conductor and cable markers	40.5 / 49.8 mm	White	12.7 - 25.4 mm	40.5 x 49.8 mm	2621880000	300
HS-FR 12.7-25.4/50 MM Y	Conductor and cable markers	40.5 / 49.8 mm	Yellow	12.7 - 25.4 mm	40.5 x 49.8 mm	2621890000	300
HS-FR 19.1-38.1/50 MM W	Conductor and cable markers	60.8 / 49.8 mm	White	19.1 - 38.1 mm	60.8 x 49.8 mm	2621900000	100
HS-FR 19.1-38.1/50 MM Y	Conductor and cable markers	60.8 / 49.8 mm	Yellow	19.1 - 38.1 mm	60.8 x 49.8 mm	2621910000	100

The only printers you need for your marking tasks

Thermal transfer printers THM MultiMark and THM MultiMark Plus

Many different marking tasks often require the use of several peripheral devices, e.g. in the case of different print media or flexible requirements for the completion of the markers. The compact, modular designed thermal transfer printers of the THM series combine several customer requirements.

Our THM thermal transfer printers integrate cutting and perforation tasks into the printing process. They can divide endless materials into arbitrary lengths. The result is noticeably simpler production of custom cuts with the respective inscription assignment. The printers are suitable for markers and labels from the MultiMark family in addition to continuous materials, woven and polyester labels, shrink tubing, or PLC labels.

Your special advantages

- Reliable and fast printing
- Optional cutting and perforation function
- Processing of a wide variety of print media
- Versatile application
- Compact, innovative design



Easy Operation
A high resolution Display optimise the readability and simplifies the operation.



High flexibility
Our THM thermal transfer printers combine several customer requirements in one device. You not only need to maintain and connect fewer peripheral devices but also can execute sequential work easier.



Excellent legibility
The print resolution of 300 dpi achieves high print quality. Even small inscriptions are perfectly legible.

Technical data

Type	Printing method	Printing speed	Print quality	Interface	Weight	Order No.	Qty.
THM MULTIMARK	Thermal transfer	150 mm/s	300 pdi	USB 2.0, Ethernet	4 kg	2599430000	1
THM MULTIMARK PLUS	Thermal transfer	300 mm/s	300 dpi	USB 2.0, Ethernet, Wi-Fi	10 kg	2599440000	1

Reliable markings for intrinsically safe areas

Cable ducts for EX areas

Well-structured and protected wiring provides the basis for installation, maintenance, and safe operation. Those requirements apply in particular for explosion-protected areas.

With a broad product range of cable ducts, we offer a flexible system with consistent quality for your wiring. The dimensionally accurate base perforation, according to DIN EN 50085-2-3, facilitates precise installation. Wire holding lugs serve as a fixing aid for pre-installed conductors. The secure locking mechanism snaps easily on the lid with a secure hold.

Your special advantages

- Stable wiring ducts without torsion for consistent quality
- Wire holding lugs as fixing aid for already installed conductors
- Dimensionally accurate base perforation according to DIN EN 50085-2-3
- Reliably closing lid due to the simple, secure closing mechanism

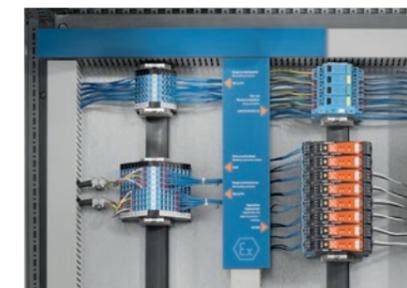


Technical data

Type	Material / Colour code	Height / Width / Length	Slit width / Slit gap	Operating temperature	UL 94 flammability rating	Order No.	Qty.
CD 100X25 4/6 BL	PVC / blue	100 / 25 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662620000	1
CD 100X40 4/6 BL	PVC / blue	100 / 40 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662630000	1
CD 100X60 4/6 BL	PVC / blue	100 / 60 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662640000	1
CD 40X25 4/6 BL	PVC / blue	40 / 25 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662660000	1
CD 40X40 4/6 BL	PVC / blue	40 / 40 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662650000	1
CD 60X25 4/6 BL	PVC / blue	60 / 25 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662600000	1
CD 80X25 4/6 BL	PVC / blue	80 / 25 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662610000	1
CD-BO 100X100 4/6 BL	PVC / blue	100 / 100 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662590000	1
CD-BO 100X80 4/6 BL	PVC / blue	100 / 80 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662580000	1
CD-BO 40X60 4/6 BL	PVC / blue	40 / 60 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662460000	1
CD-BO 40X80 4/6 BL	PVC / blue	40 / 80 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662470000	1
CD-BO 60X100 4/6 BL	PVC / blue	60 / 100 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662530000	1
CD-BO 60X40 4/6 BL	PVC / blue	60 / 40 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662480000	1
CD-BO 60X60 4/6 BL	PVC / blue	60 / 60 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662490000	1
CD-BO 60X80 4/6 BL	PVC / blue	60 / 80 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662520000	1
CD-BO 80X100 4/6 BL	PVC / blue	80 / 100 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662570000	1
CD-BO 80X40 4/6 BL	PVC / blue	80 / 40 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662540000	1
CD-BO 80X60 4/6 BL	PVC / blue	80 / 60 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662550000	1
CD-BO 80X80 4/6 BL	PVC / blue	80 / 80 / 2000 mm	4.00 / 6.00 mm	-5...60 °C	V-0	2662560000	1



Secure closure
The lid has a firm fit, while it snaps on quickly and easily.



Fast installation
If sheaths or coverings are marked by a colour, the colour used for cables containing intrinsically safe circuits shall be light blue.



Highest precision
The accurate base perforation, according to DIN EN 50085-2-3, enables fast and precise installation.

For more focus on your core business

“Configure to Order” allows short-term delivery of assembled products

Orders on demand, tight deadlines and last-minute design changes are the results of an increasing demand for individuality and shorter decision-making periods. To ensure timely and error-free delivery in the face of this complexity, you need to be able to rely on a partner that can keep pace with your short timeframes and can offer small batches in an economical way.

With our Klippon® Service “Configure to Order” including “Fast Delivery Service”, we offer you the advantages of quotations within minutes, flexible made-to-order production and binding delivery times for individual assemblies. The key to this performance is our Weidmüller Configurator (WMC), in which you autonomously plan, document, enquire about and order your project – 7 days a week, around the clock. Depending on the choice of service level required, we assemble your component selection on the basis of your WMC file within an agreed timeframe (4 days, 9 days or on request) and then send it out to you directly. If you prefer engineering in your familiar ECAD system, you simply import your data records via the interface to the WMC and you can still define your required service level for your project at a later stage.

Benefit with your enquiries and orders from full data consistency and process digitalisation – so you gain a decisive advantage in efficiency for your planning.

Your special advantages

- Quotations within minutes, including article numbers for direct ordering
- Individual installation of assembled terminal strips and enclosures
- Orders from a quantity of one for smaller projects and individual requirements
- Freedom from high fixed costs for reserved production capacities, the constant provision of storage space and for purchasing of individual components.



www.weidmueller.com/wmc



Greater efficiency of assembly applications

Pick-to-Light solutions for industrial Warehouses

Pick-to-Light and Put-to-Light solutions support assembly applications. They guide employees step-by-step through a specific task, whereby each step must be confirmed. The sequential guidance prevents errors and increases productivity and flexibility.

"Pick-to-Light" solutions from Weidmüller allow combination of decentralised device architecture with nearly any communication structure. Customised solutions can be realised by our complementary services for planning and commissioning.

Your special advantages

- Robust housing protected to IP54 and IK05
- Shielded communication cables for reliable operation in industrial conditions
- Signal indicator with touch sensor and bright multi-colour light for highly efficient user interaction
- Connection option for external sensors for automatic confirmation in the workflow



www.weidmueller.com/p2l



Technical data

Type	Type of connection / Digital input type	Display range	Operator front-end	Protocol	Protection degree	Order No.	Qty.
PTL DPD BASIC SQR FIXATION	M12, Plug / socket /	4 digits or chars	large LED, four colours: green, red, blue, orange, capacitive touch button	Modbus RTU	IP54	7508001928	1
PTL DPD ADVANCED SQR FIXATION	M12, Plug / socket, M8, Socket connector / M8 socket, type: PNP 24 VDC	4 digits or chars	large LED, four colours: green, red, blue, orange, capacitive touch button	Modbus RTU	IP54	7508002014	1
PTL DPD BASIC RD FIXATION	M12, Plug / socket /	4 digits or chars	large LED, four colours: green, red, blue, orange, capacitive touch button	Modbus RTU	IP54	7508001876	1
PTL DPD ADVANCED RD FIXATION	M12, Plug / socket, M8, Socket connector / M8 socket, type: PNP 24 VDC	4 digits or chars	large LED, four colours: green, red, blue, orange, capacitive touch button	Modbus RTU	IP54	7508001907	1
PTL JB v.2.1	PROFINET IRT: 2x M12 d-coded (male+female), Modbus RTU + Power (28.8V): 4xM12 a-coded female, Digitale I/O: 1xM23 female, Power: HDC 07A ALU /				IP54	7504008107	1



Made for demanding environments
The robust IP54 and IK05 protected housing and shielded cabling ensure reliable operation in harsh industrial environments.



Highly efficient support
A touch button with a bright multi-colour light supports user interaction. Its good visibility, even over long distances, enables efficient planning in advance of the picking sequence.



Built-in connectivity
The built-in connectivity for external sensors/actuators allows for better control of the picking process and thereby a further reduction of failure rates.

Distributed 24/48 V DC power supply in IP65

FieldPower® Enclosure with an integrated PROtop power supply unit

Today, 24/48 V DC power supplies are required in almost all plant areas. They supply load voltage for the actuators and motors as well as auxiliary power for the controller. To avoid voltage drops caused by long distances between power supplies and loads, the voltage should be generated directly at each load.

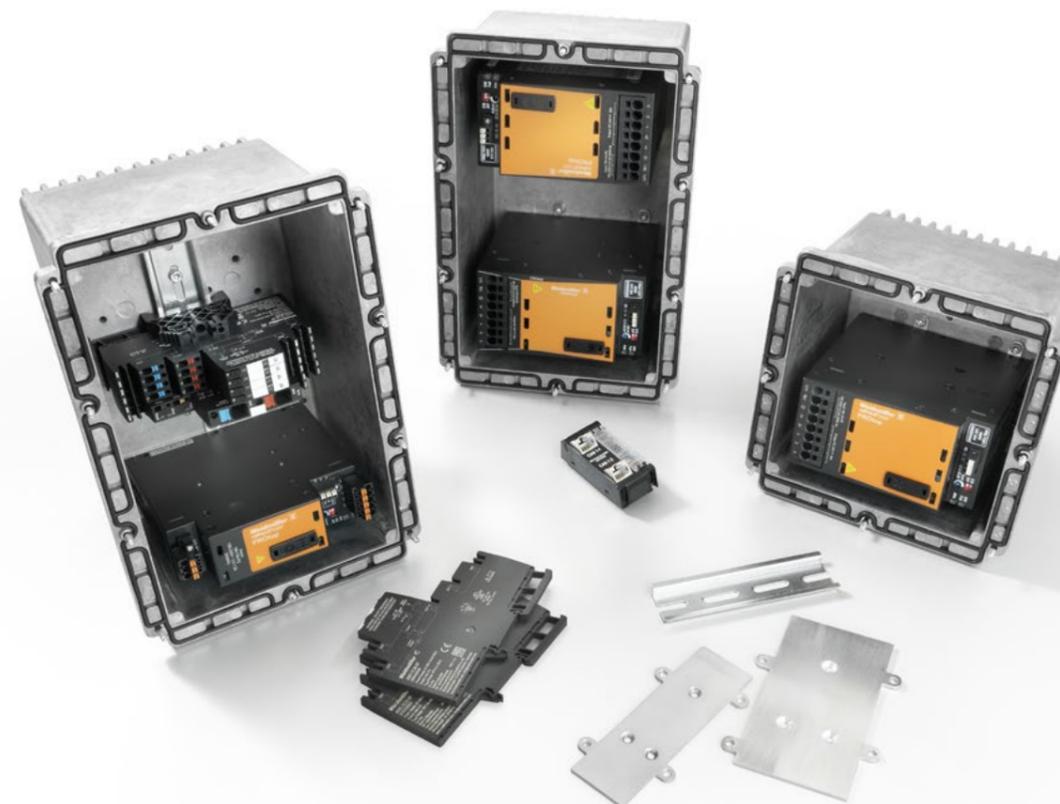
PROtop power supplies offer a wide range of functions with many advantages. These include high energy efficiency, outstanding power reserves, high reliability and optional communication capability. PROtop also supports direct parallel connection with load balancing. With the possibility of integrating our PROtop power supplies into the FieldPower® system, the entire range of functions becomes available in the field – with all the advantages of the FieldPower® modular system.

Your special advantages

- Stable load supply with minimum voltage drop
- Fast device replacement in the event of a failure
- Reduction of wiring costs
- A possible implementation of a 24 V DC smart grid by integration into the FieldPower® system
- No downtime thanks to N+1 redundancy



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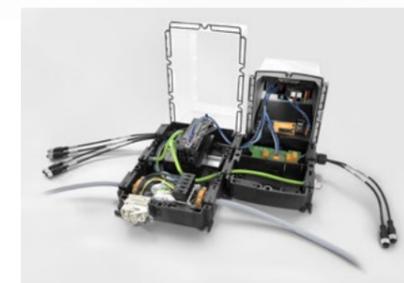
Technical data

Type	AC input voltage range	Output voltage / Rated current DC	Length / Width / Height	Order No.	Qty.
Size 2					
FP PRO TOP1 24 10 2A	85...277 V	24 V / 10 A	196 / 196 / 220 mm	8000044515	1
FP PRO TOP1 24 20 2A	85...277 V	24 V / 20 A	196 / 196 / 220 mm	8000044517	1
FP PRO TOP1 48 10 2A	85...277 V	48 V / 10 A	196 / 196 / 220 mm	8000044520	1
FP PRO TOP3 24 10 2A	3 x 320...3 x 575 V / 2 x 360...2 x 575 V	24 V / 10 A	196 / 196 / 220 mm	8000044521	1
FP PRO TOP3 24 20 2A	3 x 320...3 x 575 V / 2 x 360...2 x 575 V	24 V / 20 A	196 / 196 / 220 mm	8000044524	1
FP PRO TOP3 48 10 2A	3 x 320...3 x 575 V / 2 x 360...2 x 575 V	48 V / 10 A	196 / 196 / 220 mm	8000044526	1
Size 3					
FP PRO TOP1 24 10 3A	85...277 V	24 V / 10 A	196 / 284 / 220 mm	2632960000	1
FP PRO TOP1 24 20 3A	85...277 V	24 V / 20 A	196 / 284 / 220 mm	2632970000	1
FP PRO TOP1 48 10 3A	85...277 V	48 V / 10 A	196 / 284 / 220 mm	2632980000	1
FP PRO TOP3 24 10 3A	3 x 320...3 x 575 V / 2 x 360...2 x 575 V	24 V / 10 A	196 / 284 / 220 mm	2632990000	1
FP PRO TOP3 24 20 3A	3 x 320...3 x 575 V / 2 x 360...2 x 575 V	24 V / 20 A	196 / 284 / 220 mm	2633000000	1
FP PRO TOP3 48 10 3A	3 x 320...3 x 575 V / 2 x 360...2 x 575 V	48 V / 10 A	196 / 284 / 220 mm	2633010000	1
Accessories					
FP PRO MPTP 240 XC			128 / 72 / 3 mm	2633850000	1
FP PRO MPTP 480 XC			128 / 90 / 3 mm	2633860000	1
FP PRO MPTP 960 3C			128 / 146 / 3 mm	2633870000	1



Reduced voltage drop

The decentralised generation of DC voltages avoids long lines to the loads. Decentralisation minimises the voltage drop and reliably ensures the supply voltage at each load.



Quick replacement of devices

Due to the FieldPower® concept, it is easy to substitute individual components. Pluggable connections speed up the replacement of functional lids in the case of a fault. The flexibility reduces downtimes.



Fail-safe 24 VDC smart grid

The integration of PROtop power supplies into FieldPower® systems provides the construction of a standardised, modular, easily scalable and expandable 24 V DC smart grid.

Exploiting new possibilities for the modularisation of machines

Flexible IP65 enclosure solutions for distributed automation technology

The outsourcing of system components into the field makes many industrial processes more flexible and economical. The new FieldPower® modular system permits employing the proven IP20 components not only inside control cabinets but also distributed in the field.

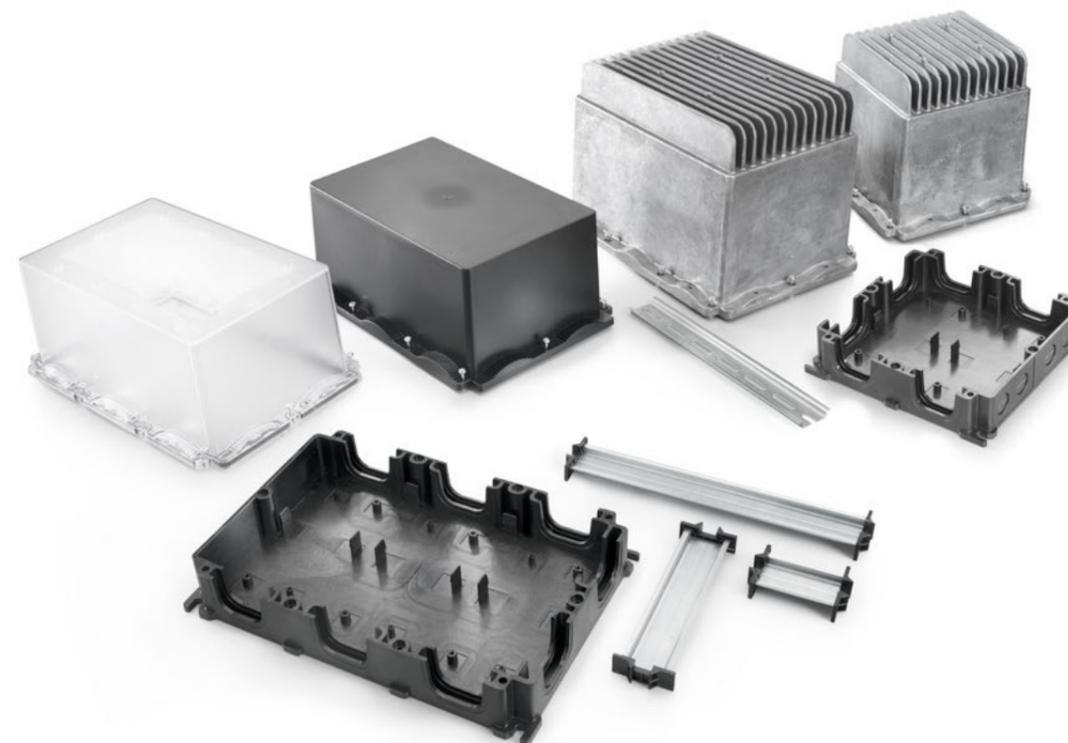
The newly developed FieldPower® enclosure concept enables easy transformation of components from IP20 to IP65. Enclosures are available in size 3 and recently also in size 2 for integration. Without CNC machining, up to three mounting rails of different lengths, electronic boards or FieldPower® contact modules can be snapped in. Enclosure groupings provide an option to implement a cost-effective, flexible, and modularly expandable function modules in IP65.

Your special advantages

- A simple solution to bring a distribution of proven IP20 components into the field
- High flexibility in design and expansion at lower costs
- Transparent plastic cover permits reading the status LEDs
- Optional Cooling lid for power electronics



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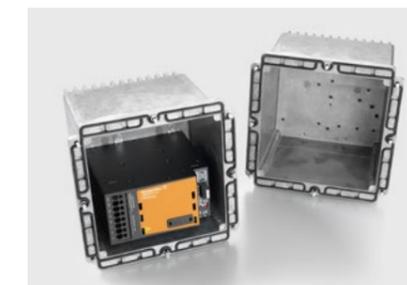
Decentralise IP20 components

Well-known and proven IP20 products can be used decentralised in the field, thereby avoiding the effort of new product development. The FieldPower® system includes well-thought-out wiring solutions and offers IP65 protection for all installed components.



Increase flexibility and reduce costs

The modular structure of the FieldPower® solution permits flexible construction, modification, or extension of systems at any time. Due to the ability to easily modify enclosures, complex solutions can also be implemented cost-effectively.



Effective cooling of power electronics

The new aluminium cooling lid permits the integration of cold plate power electronics into the FieldPower® system. For example, power supplies or variable frequency drives can be decentralised and placed directly at the load.

Technical data

Type	Insulating material	Length / Width / Height	Order No.	Qty.
Size 2				
FP ENC BS 042 2B	Polycarbonate, GF 10	196 / 196 / 42 mm	2659710000	1
FP ENC BS 113 2C	Polycarbonate, GF 10	191 / 191 / 113 mm	2659720000	1
FP ENC TS 113 2C	Polycarbonate	191 / 191 / 113 mm	2659730000	1
FP ENC AS 178 2C	AL	191 / 191 / 178 mm	2659740000	1
FP ENC BSBS 155 2A	Polycarbonate, GF 10	196 / 196 / 155 mm	2659750000	1
FP ENC BSTS 155 2A	Polycarbonate	196 / 196 / 155 mm	2659760000	1
FP ENC BSAS 220 2A	Polycarbonate, GF 10, AL	196 / 196 / 220 mm	2659770000	1
Size 3				
FP ENC BS 042 3B	Polycarbonate, GF 10	196 / 284 / 42 mm	2632810000	1
FP ENC BS 113 3C	Polycarbonate, GF 10	191 / 279 / 113 mm	2632820000	1
FP ENC TS 113 3C	Polycarbonate	191 / 279 / 113 mm	2632830000	1
FP ENC AS 178 3C	AL	191 / 280 / 178 mm	2632840000	1
FP ENC BSBS 155 3A	Polycarbonate, GF 10	196 / 284 / 155 mm	2632930000	1
FP ENC BSTS 155 3A	Polycarbonate	196 / 284 / 155 mm	2632940000	1
FP ENC BSAS 220 3A	Polycarbonate, GF 10, AL	196 / 284 / 220 mm	2632950000	1
Accessories				
FP ENC DR07 080 XC A	Steel	80 / 35 / 7.5 mm	2633730000	5
FP ENC DR07 110 3C A	Steel	110 / 35 / 7.5 mm	2633750000	5
FP ENC DR07 142 XB	Steel	142 / 35 / 7.5 mm	2633450000	5
FP ENC DR07 142 XC P	Steel	142 / 35 / 7.5 mm	2633510000	5
FP ENC DR07 150 3C A	Steel	150 / 35 / 7.5 mm	2633760000	5
FP ENC DR07 170 3C A	Steel	170 / 35 / 7.5 mm	2633780000	5
FP ENC DR07 230 3B	Steel	230 / 35 / 7.5 mm	2633460000	5
FP ENC DR07 230 3C P	Steel	230 / 35 / 7.5 mm	2633520000	5

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 worldwide network of industrial managers for machine construction, process automation, energy and traffic engineering and for device manufacturers know the challenges you face and can support you in your specific applications.

Training course on technologies, applications and the detailed functionality of our products is available to you locally or at our headquarter in Germany. 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.



Professional advice on planning

Our global network of industrial managers has extensive experience in automation technology and electrical connectivity. This expertise allows us to assist you with advice and planning support in order to work with you on resolving the everyday challenges of your applications.



Technology and application training

Industrial automation is moving towards smart production. It faces the challenges of new technologies and applications. Our varied range of training courses develops this knowledge further or provides more in-depth information on the handling of our products and solutions. Our seminars are modular and can be customised. We can train you and your employees in our academy, on your premises if you wish or online in our webinars at any time.



Customised installation

The challenges for the future are reducing costs and increasing efficiency. This requires intelligent, individual solutions which are tailored to your requirements. We can offer a highly qualified customer-specific production service in our application centre. Whether you need modified products, pre-assembled terminal rails or complete small cabinets: we produce the solutions developed for your application quickly and flexibly.



Online support and downloads

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/service.

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Whitepaper for device connectivity
Webcode #11359



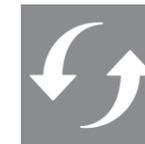
Security Advisory Board
Webcode #11424



Technical catalogue in PDF Format
Webcode #01218



Engineering software
Webcode #11377



Product Change Notification
Webcode #11425



Product configurators, product selection guides and samples
Webcode #01214

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Approvals, certificates and declaration of conformity
Webcode #11374

Here you will find information on the CE declaration of conformity, on RoHS and REACH and other company related certificates and approvals.

Type	Order No.	Page
A		
A2C 10 BL	2490370000	14
A2C 10 PE	2490440000	14
A2C 10	2490360000	14
A2C 16 BL	2494100000	14
A2C 16 PE	2494010000	14
A2C 16	2494000000	14
A2C 35 3FT DM	2552170000	12
A2C 35 3FFE DM	2552180000	12
A2C 35 3FFE	2552110000	12
A2C 35 3FTN DM	2552190000	12
A2C 35 3FTN-FE DM	2552200000	12
A2C 35 3FTN-FE	2552140000	12
A2C 35 3FTN-PE	2551540000	12
A2C 35 3FTN	2552130000	12
A2C 35 3FTPE	2552120000	12
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A2T 2.5 3C VL	2531310000	20
A2T 2.5 3C	2531290000	20
A2T 2.5 BL	1547620000	18
A2T 2.5 FT-PE	1547640000	18
A2T 2.5 OR	1547630000	18
A2T 2.5 PE	1547680000	18
A2T 2.5 SNAPMARK BL	2581280000	18
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2627090000	SV-SMT 7.6ZHP/04/270MF2 SC/6 2.6SN BX	77
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2627130000	SV-SMT 7.6ZHP/05/270MF2 SC/8 2.6SN BX	77
2627140000	SV-SMT 7.6ZHP/04/270MF3 SC/4 2.6SN BX	77
2627150000	SV-SMT 7.6ZHP/04/270MF3 SC/6 2.6SN BX	77
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2627210000	SV-SMT 7.6ZHP/05/270MSF2 SC/6 2.6SN BX	77
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2627240000	SV-SMT 7.6ZHP/04/270MSF3 SC/6 2.6SN BX	77
2627250000	SV-SMT 7.6ZHP/04/270MSF3 SC/8 2.6SN BX	77
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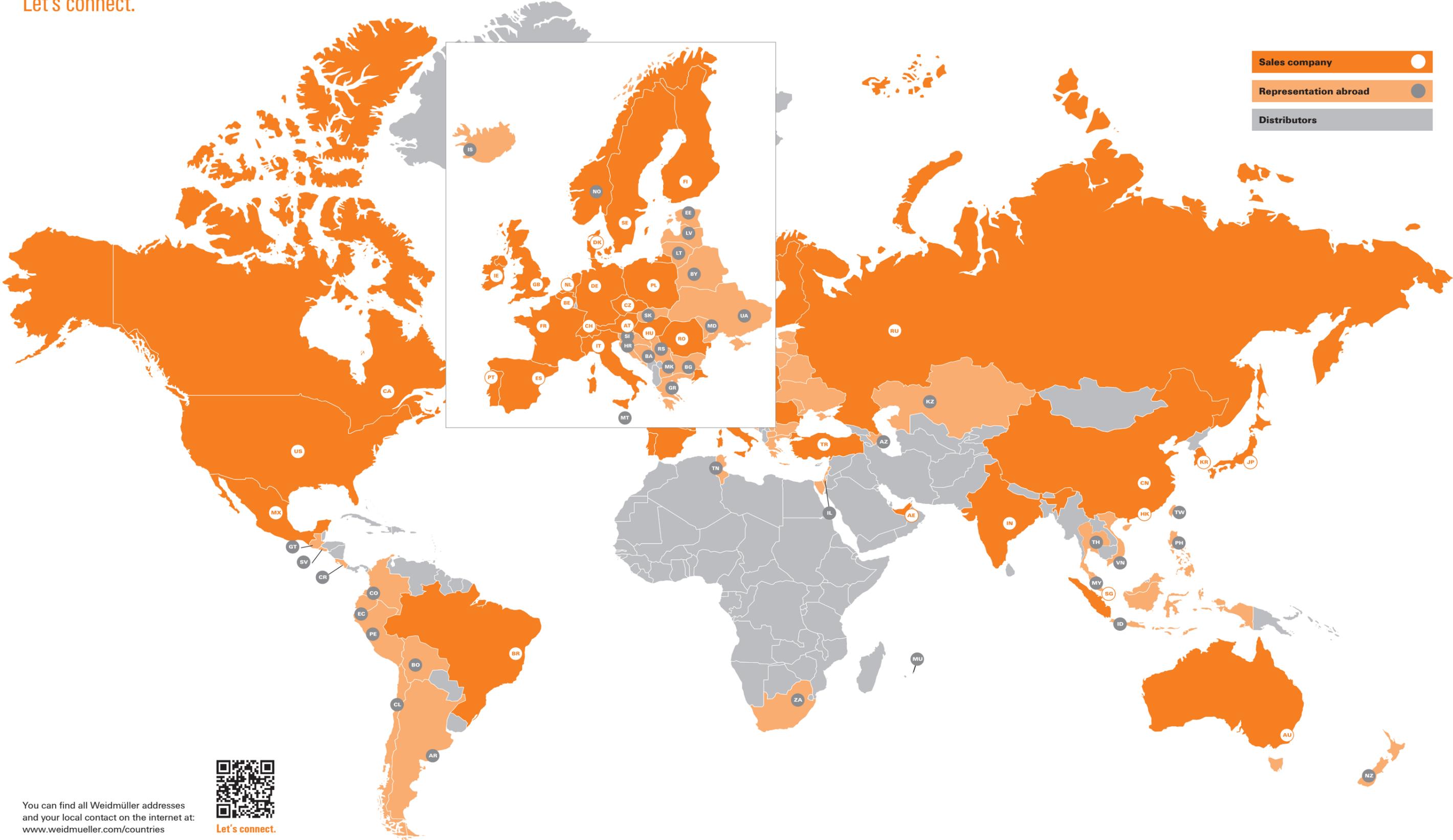
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