

You're striving towards new solutions
We're presenting the best connections of 2018
Let's connect.



Dear Customers,

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

In addition to the catalogue, the PDF also contains:

- Internal page links
- Links to the online catalogue

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

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



Practical connectivity for your industry

Our Industrial Connectivity innovations

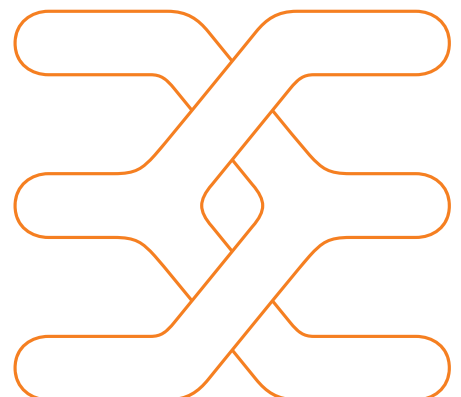
»When creating our innovations, we never lose sight of your future requirements. This is how we shape the industrial connectivity market over the long term.«

Industrial Connectivity means more to us than merely electrical connectivity and electronics. We have accumulated an in-depth knowledge of our customers' specific applications. This knowledge translates into practical advisory skills and allows for the development of solution-oriented product concepts. The following pages present these with the descriptions of our new products.

Be inspired by our future-proof Industry 4.0 solutions. With our communication-capable components you can utilise production data, measured values, and energy parameters to optimise your production processes. As a start, benefit from the progressive digitalisation with our individually scalable automation kit u-mation. The innovative combination of automation and digitisation opens up unimagined possibilities to optimise performance and efficiency. Then, learn about Klippon® Connect. Its scope of tailor-made application products, universal terminal blocks, and process-supporting services, boosts productivity advantages in all phases of panel building. Next, discover our plug-and-produce solutions. From our comprehensive range of pre-assembled standard plugs and cables you can create the combination that precisely fits your requirements, and you can even order a batch of just one! And last but not least, take a look at our OMNIMATE® Power product range. The innovative all-in-one solution for all power electronics applications achieves maximal performance and already meets the requirements for the device connection technology of tomorrow.

Let's connect.

We have a lot to offer:
take a tour through our
catalogue with product news

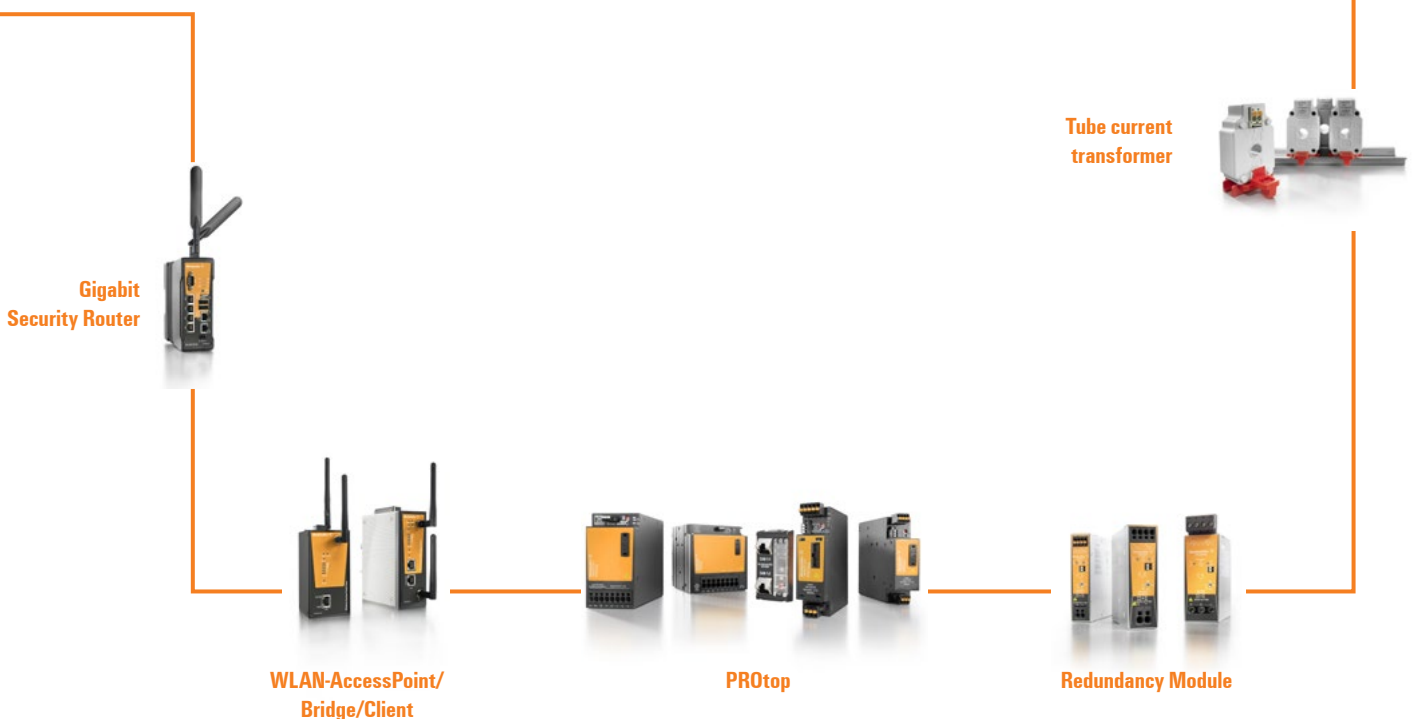


Communication-capable components

The basis for fully networked production facilities

Direct communication between different machines as well as between machines and IT systems is essential for exploiting the potential of Industry 4.0. The basis for this is communication-capable components that can record product and status data as well as machine-internal measured values and energy parameters. Feeding this data into the cloud allows it to be analysed and the resulting conclusions shared with all relevant network participants. This enables system operators to set up new services to optimise and diagnose their production processes or for energy management.

To prepare manufacturing companies for the Internet of Things (IoT) and data-based production control, we gear our efforts towards the rapid integration of all devices and simple data transfer to the cloud. With this goal in mind, we recently upgraded our high-end PROtop power supply to meet the requirements of tomorrow. By retrofitting the communication module, you can conveniently create an interface to transfer process data to the higher-level control system and thereby lay the foundation for process optimisation through condition monitoring and remote control.





Energy Monitoring
EM 520



Energy Meter
700-PN



Energy Analyzer
Class A EA 750



Rogowski current
transformers



ACT20P and ACT20C
current transformers



More performance. Simplified.

With the automation solution toolbox u-mation

Advancing digital transformation independently of the platform – this is the goal we are pursuing with u-mation, the open, individually scalable automation solution toolbox we are successively developing.

At the core of this is u-control, our innovative IoT controller. The benefit: the integrated, web-based engineering tool u-create requires only a HTML5 browser for programming in accordance with IEC 61131-3, allowing machine access from anywhere and with any end device. What's more, the open web technologies enable freedom of choice in regard to devices and operation systems. Individual requirements can be loaded as additional software onto the controller via app. Thanks to its development according to the principle of "security by design", the system is reliably protected against external access.

As an interface between u-control and the field level, we offer you our popular, modular I/O system u-remote. Fieldbus couplers for the most common bus and communication systems, as well as safety modules, provide solutions for a large number of applications. Our intuitive u-view multi-touch panels ensure optimal visualisation based on webtechnology. You can use our industrial security routers and IoT gateways to ensure secure channels of communication within the factory and into the cloud. Robust industry PCs round off the high-performance automation solution toolbox.

u-control, u-create, u-remote and u-view are perfectly coordinated, offering you maximum flexibility and the capability to develop perfectly tailored automation solutions.

u-control
with u-create



u-view multi-touch
panels



u-remote UR20



Pick-to-light solutions



www.u-mation.com

Future-proof Industry 4.0 solutions

With a combination of automation and digitalisation

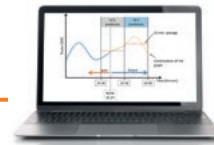
Connecting digitalisation and automation technologies in the smart factory of the future, central control mechanisms will be replaced by intelligent networks and machines will be able to interact with one another and organise processes independently. This will open up new opportunities to generate significant added value from machine and product data using smart analysis processes.

Today, Weidmüller already offers manufacturing companies concrete solutions to help them prepare for the demands of Industry 4.0. Communication-capable components allow for the quick provision and handling of process data and form the basis for intelligent networking and profitable data exchange between machines and IT systems. Customised control systems can be developed thanks to u-mation, our open and platform-independent automation solution toolbox. At the core of this are u-control and u-create, an innovative IoT controller with an integrated, web-based engineering tool.

Intelligent, networked, transparent – the combination of automation and digitalisation opens up new possibilities to optimise your production output. At the same time, information exchange based on established protocols, such as AMQP, MQTT and OPC UA, enables cloud solutions to be developed in line with the highest security standards. This can be beneficial when implementing analytics solutions to identify anomalies and for carrying out predictive maintenance, for example. We develop these solutions according to the specific application and in close collaboration with our customers. Stay one step ahead of failures and give yourself a decisive advantage with data-based business models.



Weidmüller Data Hub



Weidmüller Energetics



Extra efficiency in panel planning, installation and operation

Klippon® Connect offers added value at all stages

As a partner in Industrial Connectivity, we consider panel building as an integrated process – from the planning stage all the way to installation and operation. The latest example of this is Klippon® Connect. Our offer – which consists of tailored application products, universal terminal blocks and process-supporting services – provides you with productivity benefits at all stages of the panel building process. These include benefits such as time-saving planning and project planning, faultless wiring, fast marking and much more besides.

Often, standardisation enables the right solution to be found with our sophisticated, function-oriented universal range, providing you with practical product features. For recurring application fields, such as control voltage distribution or signal wiring, we offer you the ideal solutions with our application range. Thanks to the high level of application focus, these solutions really do help increase productivity, efficiency and safety.

To get the most out of your processes, we also support you with Klippon® Services throughout all lifecycle phases. An example is our Weidmüller Configurator (WMC) with new Fast Delivery Service for even greater flexibility in project planning. As a software solution, the WMC not only offers support for individual steps, but for panel building as an entire, seamless process, building a bridge from planning through to operation.



www.klippon-connect.com

2-tier terminal blocks with PUSH IN technology



3-tier terminal blocks with PUSH IN technology



Feed-through terminal blocks with PUSH IN technology



Fuse terminal block WSI 25 10X85 1.5KV



2-tier terminal blocks with PUSH IN technology



Sensor Actuator Terminal Blocks



Control voltage distribution terminal blocks





Pluggable terminal block system with PUSH IN technology



Disconnect and fuse terminal blocks with PUSH IN technology



Motor connection terminals AMC



Configure to Order for assembled products

Up to 75 % time saved in planning

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

High wiring density with maximum ease of installation

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

Sustainably higher availability during operation

- Simpler testing procedure thanks to integrated test point
- Rewiring possible during operation without the need for any special tools thanks to PUSH IN technology and accessories
- Gas-tight connections for interference-free operation
- Flexible, simple modification and extension

Plug-and-produce rather than complex assembly

Ready-for-connection cables for every requirement

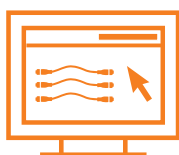
In a digital environment, the transmission of energy, signals, and data must be utterly reliable. Current-day modularisation and digitalisation present plant designers with highly complex processes. Standardised plug-and-produce cabling solutions that are efficient in assembly and operation are in high demand. At the same time, individual connectors need to combine plenty of functions. Thus, the requirement for individually tailored assemblies rises.

If you require signal cables for sensor lines or data cables for Ethernet lines with different mating profiles, Weidmüller offers the right solution for every field of application. With different levels of individualisation, we accommodate your needs in every planning situation.

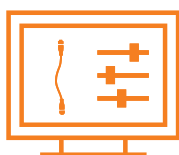
To match your distinct requirements, you can choose the most suitable combination of standard plugs and cables from our extensive range of pre-assembled cables. Alternatively, you can plan individual connection cables and freely define their lengths with our online configurator. In either case, you may even order in a batch size of one. We also provide personal service. You can place an order with our specialists, who will assemble a tailor-made combination of cables and connectors to your requirements. Ask our employees about special packagings, special markings, or specific testing and certification requirements.



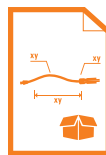
www.weidmueller.com/cord-sets



Pick to order



Configure to order



Make to order

Solutions for power electronics

The right connection for every application

Innovative power electronics require device connectivity that meets all requirements without compromise – including those of the future. Complex components must be more compact yet at the same time deliver higher performance. Customised and application-specific solutions are required that are easy and safe to install. Cost-efficiency, too, is increasingly important in the automation systems of the future.

Make sure to use professional electrical connectivity you can rely on today and tomorrow. The application-specific product range from OMNIMATE® Power includes PCB terminal blocks, plug-in connectors and panel feedthrough terminal blocks, developed and tested for the specific requirements of power electronics. End-to-end PUSH IN connections with cross-sections of up to 16 mm² and a broad range of pitch and outlet directions make OMNIMATE® Power a flexible, all-in-one solution for any application.

Equip your drive controls, motor starters, frequency converters, inverters and power supplies with Weidmüller device connectivity and benefit from maximum performance and enhanced cost-effectiveness.



www.power-electronics-connectors.com



OMNIMATE® Signal
BL I/O 3.5 CJC



OMNIMATE® Signal
BLF 3.5



OMNIMATE® Data
USB jacks



OMNIMATE® Power
LLF 7.5



OMNIMATE® Power
LUF



OMNIMATE® Power
BUF 10.16



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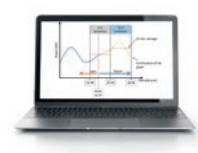
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Convenient potential distribution with Klippon® Connect

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Reliable and efficient power supply

Convenient connection with Klippon® Connect

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The industrial PUSH IN smart connection
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Design open and scalable automation solutions

u-control for flexible control via web-based engineering software

Worldwide networking, the increasing exchange of data and customised manufacturing require flexible automation solutions. With u-control web, we provide machine and facility engineers with a new, open and flexible control solution for the automation of small and medium-sized plants.

In conjunction with u-remote modules, all signals are recorded and processed in the controller. The solution includes a web-based engineering software for configuration, parameterisation and programming according to IEC 61131-3. The software is available directly via a web browser, without installation on a computer. The controller can therefore be used as an engineering platform independently of hardware or operating system. The range of functions can be extended with various software apps.

Your special advantages

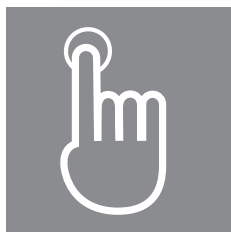
- Web-based, licence-free engineering software
- Platform- and device-independent programming via web browser
- Use of standardised web technologies such as HTML5
- High scalability thanks to complementary software apps
- Programming according to IEC 61131-3
- Maximum dependability thanks to security-by-design concept



www.u-mation.com

Technical data

Type	Processor	Memory	Real Time Clock	Number of I/O modules	Interface	Order No.	Qty.
UC20-WL2000-AC	Dual Core ARM Cortex A9, 624 MHz, 512 Mbyte RAM	32 GB via microSD	battery backed	up to 64 Module	2x Ethernet TCP/IP, 1x Micro USB	1334950000	1



Intuitive

Thanks to the integrated engineering tools, you can start straight away without any installation and programm simply using drag-&-drop.



Open

You can work independent of devices and platforms thanks to the use of Web technologies and the globally valid programming standard, IEC 61131-3.



Independent

The following operating systems are supported: Linux, Windows, macOS/ iOS, Android. Browsers: Safari, Internet Explorer, Chrome, Firefox. Web standards: HTML5, CSS, Java Script

Optimal display and operation

u-view Multitouch-Panels: Brilliant pictures meet elegant, flat design

Comfortable multi-touch panels simplify the monitoring and control of machines and systems. u-view multi-touch panels from Weidmüller offer excellent image quality and can be used in an industrial environment without any restrictions.

The u-view series consists of two product lines. The basic line provides resistive multi-touch panels with a diagonal of 4.3", 7", or 10"; and the advanced line provides capacitive multi-touch panels with a diagonal of 7", 10.1" or 15.6". All panels are equipped with a Linux operating system including HTML5 browser. As a result, they optimally support a web-based visualization as well as "u-control" with web engineering. The flat panels have a robust aluminium housing with IP67 protection.

Your special advantages

- Elegant flat design in aluminum housing
- Intuitive multi-touch control (capacitive or resistive)
- Powerful CPU for a smooth visualization of content
- Premium resolution and brilliant image quality
- Supports web technology (HTML5)

Technical data

Type	Touch-Screen	Size	Processor	Memory (Flash)	Operating system	Order No.	Qty.
UV66-BAS-4-RES-W	resistive	4.3 "	ARM Cortex A8 processor Freescale® i.MX535 1 GHz	4 GB	Linux + Browser (HTML5)	2555800000	1
UV66-BAS-7-RES-W	resistive	7 "	ARM Cortex A8 processor Freescale® i.MX535 1 GHz	4 GB	Linux + Browser (HTML5)	2555810000	1
UV66-BAS-10-RES-W	resistive	10.1 "	ARM Cortex A8 processor Freescale® i.MX535 1 GHz	4 GB	Linux + Browser (HTML5)	2555820000	1
UV66-ADV-7-CAP-W	MultiTouch, capacitive	7 "	ARM Cortex A9 1 GHz NXP® i.MX6 DualLite	4 GB	Linux + Browser (HTML5)	2555830000	1
UV66-ADV-10-CAP-W	MultiTouch, capacitive	10.1 "	ARM Cortex A9 1 GHz NXP® i.MX6 DualLite	4 GB	Linux + Browser (HTML5)	2555840000	1
UV66-ADV-15-CAP-W	MultiTouch, capacitive	15.6 "	ARM Cortex A9 1 GHz NXP® i.MX6 DualLite	4 GB	Linux + Browser (HTML5)	2555850000	1



Attractive design

All u-view multi-touch panels come with particularly flat and space-saving aluminium housings.



Great performance

First-class image quality and powerful processors make working with u-view multi-touch panels particularly enjoyable.



High compatibility

u-view multi-touch panels can be used in a wide variety of applications thanks to their modern web technology based on HTML5.

Efficient and secure Ethernet networking of machines and systems

Gigabit Security Router with 2/6 ports and LTE/4G interface

Reliable routers are essential in all industrial network infrastructures. Weidmüller routers are perfectly suited both for securely connecting machines and systems to higher-level production networks via WAN/LAN as well as for establishing a direct mobile Internet connection via the LTE / 4G interface.

In addition to traditional IP routing, all variants also have an extremely variable mechanism for controlling network traffic (firewalling) as well as sophisticated IP address management system (NAT) for reducing and adapting IP addresses. In addition, VPN connections can be implemented via both OpenVPN and IPsec in either client or server mode. Of course, all variants are also suitable for use with Weidmüller’s u-link remote access service.



Your special advantages

- High data throughput by means of Gigabit Ethernet interfaces on all LAN/WAN ports
- High-speed mobile connection via LTE/4G (maximum download rate of 100 Mbps, maximum upload rate of 50 Mbps)
- Lowers costs thanks to a 6-port router for connecting up to 5 machine networks to a production network

Technical data

Type	Version	Order No.	Qty.
IE-SR-2GT-LTE/4G-US	Security/NAT/VPN/U-link Router, with integrated LTE / 4G modem, US model, Gigabit Ethernet, 2 * RJ45 10/100/1000BaseT(X), IP20, -20 °C...70 °C	2535780000	1
IE-SR-2GT-LTE/4G-EU	Security/NAT/VPN/U-link Router, with integrated LTE / 4G modem, EU model, Gigabit Ethernet, 2 * RJ45 10/100/1000BaseT(X), IP20, -20 °C...70 °C	2535930000	1
IE-SR-6GT-LAN	Security/NAT/VPN/U-link Router, Gigabit Ethernet, 6 * RJ45 10/100/1000BaseT(X), IP20, -20 °C...70 °C	2535940000	1
IE-SR-6GT-LTE/4G-US	Security/NAT/VPN/U-link Router, with integrated LTE / 4G modem, US model, Gigabit Ethernet, 6 * RJ45 10/100/1000BaseT(X), IP20, -20 °C...70 °C	2535950000	1
IE-SR-6GT-LTE/4G-EU	Security/NAT/VPN/U-link Router, with integrated LTE / 4G modem, EU model, Gigabit Ethernet, 6 * RJ45 10/100/1000BaseT(X), IP20, -20 °C...70 °C	2535960000	1

Universal Wi-Fi networking for Industrial Ethernet infrastructures

High-speed Wi-Fi devices according to IEEE 802.11 a/b/g/n standard

The networking of machines and systems via WLAN is becoming increasingly important. Weidmüller Wi-Fi modules are designed to meet industrial standards with regard to operational safety, electromagnetic compatibility, and mechanical loads in harsh industrial environments.

The Wi-Fi devices support the functions access point, bridge, and client. They can be used to implement typical applications like connection of a Wi-Fi client to an access point, the connection between wired networks (bridging), or the integration of a cable Ethernet component into a Wi-Fi network (client function). The IEEE 802.11 n technology is future-proof as it achieves transmission rates of up to 300 Mbps. All devices are backwards compatible with 802.11 a/b/g systems.



Your special advantages

- Flexibly usable as access point, bridge, or client
- Future-proof data transfer rate up to 300 Mbps (IEEE 802.11 a/b/g/n-compliant)
- Adjustable frequency range (2.4 or 5 GHz)
- Fast turbo roaming
- International approvals

Technical data

Type	Version	Order No.	Qty.
IE-WL-BL-AP-CL-EU	Wireless Access Point/Client, IEEE 802.11 a/b/g/n, EU-Model, IP30, 0 °C...60 °C	2536600000	1
IE-WLT-BL-AP-CL-EU	Wireless Access Point/Client, IEEE 802.11 a/b/g/n, EU-Model, IP30, -40 °C...75 °C	2536650000	1
IE-WL-BL-AP-CL-US	Wireless Access Point/Client, IEEE 802.11 a/b/g/n, US-Model, IP30, 0 °C...60 °C	2536660000	1
IE-WLT-BL-AP-CL-US	Wireless Access Point/Client, IEEE 802.11 a/b/g/n, US-Model, IP30, -40 °C...75 °C	2536670000	1
IE-WL-VL-AP-BR-CL-EU	Wireless Access Point/Bridge/Client, IEEE 802.11 a/b/g/n, EU-Model, IP30, -25 °C...60 °C	2536680000	1
IE-WLT-VL-AP-BR-CL-EU	Wireless Access Point/Bridge/Client, IEEE 802.11 a/b/g/n, EU-Model, IP30, -40 °C...75 °C	2536690000	1
IE-WL-VL-AP-BR-CL-US	Wireless Access Point/Bridge/Client, IEEE 802.11 a/b/g/n, US-Model, IP30, -25 °C...60 °C	2536700000	1
IE-WLT-VL-AP-BR-CL-US	Wireless Access Point/Bridge/Client, IEEE 802.11 a/b/g/n, US-Model, IP30, -40 °C...75 °C	2536710000	1

Prepare for digitisation with innovative high-end power supplies

PROtop is reliable, powerful, efficient, and communicative

24/7 installations require a particularly reliable power supply that can withstand harsh environmental conditions. Condition monitoring for targeted, preventive maintenance is therefore becoming increasingly important.

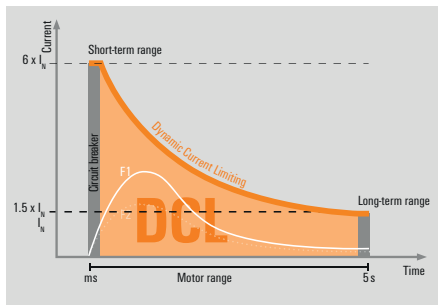
PROtop combines highest efficiency and compact housings with high durability and direct parallel connection without diode modules. This reduces costs and creates space in the control cabinet. Due to the powerful DCL technology, even difficult loads – motors, for instance – are operated smoothly, while circuit breakers are triggered reliably. The good communication capability allows permanent condition monitoring and full integration with control systems.

Your special advantages

- Safe triggering of circuit breakers due to DCL
- High energy reserves for powerful engine starts due to DCL
- Highest efficiency and very long lifetime
- Extremely space-saving design
- Integrated O-Ring MOSFETs for redundancy or parallel operation without diode modules
- Future-proof due to optional communication modules that can be retrofitted at any time



www.weidmueller.com/protop



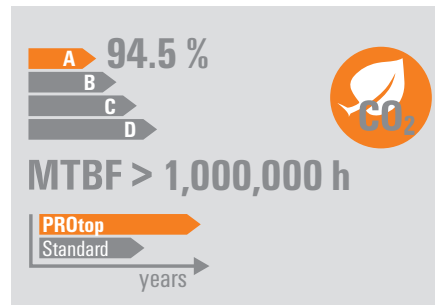
Outstanding peak load reserves

PROtop has DCL (Dynamic Current Limiting) technology that provides continuous peak load reserves, which range from milliseconds to seconds. It is ideally suited for safe tripping of circuit breakers or for powerful motor starts.



Fit for the future

Communication capability and innovative features, such as the integrated O-Ring MOSFETs for a direct parallel connection, set new standards in power supplies. They reduce system costs and significantly increase plant availability.



Sustainable device concept

Highest efficiency, an extremely long lifetime, and high MTBF values sustainably save energy, reduce product life cycle costs, and increase plant availability.

Technical data – Power Supplies

Type	Rated output voltage	Rated (nominal) output current @ U _{Nom}	Width	Degree of efficiency	DCL - peak load reserve	Order No.	Qty.
PRO TOP1 120W 12V 10A	12 V DC ± 1 %	10 A @ 60 °C	35 mm	typ. 90 %	150 % (5 s); 400 % (12 ms)	2466910000	1
PRO TOP1 72W 24V 3A	24 V DC ± 1 %	3 A @ 60 °C	35 mm	typ. 90 %	150 % (5 s); 400 % (12 ms)	2466850000	1
PRO TOP1 120W 24V 5A	24 V DC ± 1 %	5 A @ 60 °C	35 mm	typ. 91 %	150 % (5 s); 600 % (12 ms)	2466870000	1
PRO TOP1 240W 24V 10A	24 V DC ± 1 %	10 A @ 60 °C	39 mm	typ. 92.5 %	150 % (5 s); 600 % (12 ms)	2466880000	1
PRO TOP1 480W 24V 20A	24 V DC ± 1 %	20 A @ 60 °C	68 mm	typ. 93.5 %	150 % (5 s); 500 % (12 ms)	2466890000	1
PRO TOP1 960W 24V 40A	24 V DC ± 1 %	40 A @ 60 °C	124 mm	typ. 94.5 %	150 % (5 s); 300 % (12 ms)	2466900000	1
PRO TOP1 480W 48V 10A	48 V DC ± 1 %	10 A @ 60 °C	68 mm	typ. 93.5 %	150 % (5 s); 600 % (12 ms)	2467030000	1
PRO TOP1 960W 48V 20A	48 V DC ± 1 %	20 A @ 60 °C	124 mm	typ. 94.5 %	150 % (5 s); 500 % (12 ms)	2466920000	1

Technical data – Communication modules

Type	Module type	Connection type	Field bus protocol	Width	Order No.	Qty.
PRO COM CAN OPEN	plug-on module	2 x RJ45 plug-in connectors	CANopen	35 mm	2467320000	1

Technical data – Connecting cable

Type	Version connector left	Version connector right	Length	Order No.	Qty.
PRO CAB SUBD-RJ45 0.5M	Sub-D socket 9 poles	RJ45 IP 20	0.5 m	2578530000	1
PRO CAB SUBD-RJ45 1.0M	Sub-D socket 9 poles	RJ45 IP 20	1 m	2578550000	1
PRO CAB SUBD-RJ45 2.5M	Sub-D socket 9 poles	RJ45 IP 20	2.5 m	2578560000	1

Everlasting and reliable power supply for machines and systems

Redundant power supplies for maximum system availability

Plants which are permanently in operation require a particularly reliable power supply. In many automation applications, Weidmüller's redundant power supplies ensure system availability even when one power supply unit fails.

The new redundancy modules are characterised by high performance on a small footprint. Thanks to the compact design, permanent status monitoring, high efficiency and many international approvals, they are perfectly suited for a wide range of automation applications. With their specific characteristics, Weidmüller's redundant power supply systems increase the lifetime of the connected power supply units and, thus, also increase plant availability.



Your special advantages

- Efficient maintenance thanks to fast status diagnostics via LED display and status relays
- Extremely compact and highly energy-efficient (> 98 %)
- Universally applicable through a wide range of variants (10 A, 20 A and 40 A) and many international approvals (e.g. cULus, Class I, Div 2)

Technical data

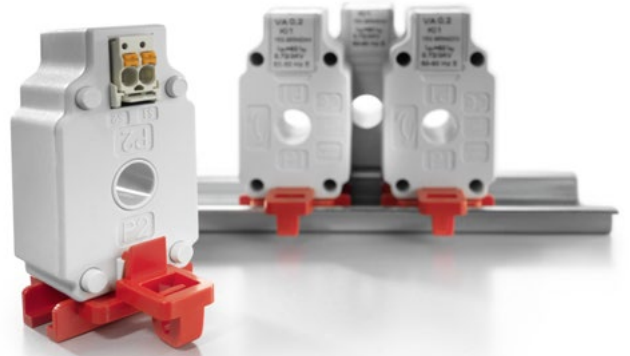
Type	DC input voltage range	Input current	Continuous output current @ U _{Rated}	Degree of efficiency	Order No.	Qty.
PRO RM 10	10 ... 32 V DC	2 × 12 A (-40 °C ~ +45 °C), 2 × 10 A (+45 °C ~ +60 °C), 2 × 7.5 A (+70 °C)	1 × 24 A (-40 °C ~ +45 °C), 1 × 20 A (+45 °C ~ +60 °C), 1 × 15 A (+70 °C)	> 98%	2486090000	1
PRO RM 20	10 ... 32 V DC	2 × 24 A (-40 °C ~ +45 °C), 2 × 20 A (+45 °C ~ +60 °C), 2 × 15 A (+70 °C)	1 × 48 A (-40 °C ~ +45 °C), 1 × 40 A (+45 °C ~ +60 °C), 1 × 30 A (+70 °C)	> 98%	2486100000	1
PRO RM 40	10 ... 32 V DC	2 × 48 A (-40 °C ~ +45 °C), 2 × 40 A (+45 °C ~ +60 °C), 2 × 30 A (+70 °C)	1 × 96 A (-40 °C ~ +45 °C), 1 × 80 A (+45 °C ~ +60 °C), 1 × 60 A (+70 °C)	> 98%	2486110000	1

Precise current measurements on the smallest footprint

Compact current transformer for primary nominal currents up to 64 A

The growing complexity of many systems requires ever more comprehensive current measurements. In this context, low currents often need to be measured with high accuracy. However, the available space for the installation of the measuring devices is usually very limited.

With the CMA-CTM series, we are optimally attuned to these requirements. We developed the very compact current transformer which connects to digital measuring systems and integrates into new and existing systems. With its small dimensions, it perfectly suits applications in a 3-phase circuit breaker with a phase separation of 17.5 mm.



Your special advantages

- Current ratios from 32/1 A up to 64/1 A
- Suitable for use with insulated cables up to 7.5 mm in diameter
- Extremely compact and therefore space-saving design
- Can be integrated into new and existing systems

Technical data

Type	Primary current	Secondary current max.	Tolerance class	Load, rated power	Order No.	Qty.
CMA-CTM-7-32-1A-02VA-1	32 A	1 A	1	0.2 VA	2525150000	1
CMA-CTM-7-35-1A-0.2VA-1	35 A	1 A	1	0.2 VA	2486490000	1
CMA-CTM-7-40-1A-03VA-1	40 A	1 A	1	0.3 VA	2556040000	1
CMA-CTM-7-50-1A-04VA-1	50 A	1 A	1	0.4 VA	2556030000	1
CMA-CTM-7-60-1A-04VA-1	60 A	1 A	1	0.4 VA	2556020000	1
CMA-CTM-7-64-1A-05VA-1	64 A	1 A	1	0.5 VA	2556010000	1
CMA-CTM-7-SNAP-ON					2525160000	1

Measure, monitor and control electrical parameters

Multifunction power analyser EM 520 with high measurement accuracy

The continuous measurement, monitoring and control of electrical characteristics in power distribution systems is crucial for the establishment of energy management. In addition to the recording of load profiles in accordance with ISO 50001, the energy consumption for cost center analysis is also recorded.

The Energy Meter 520 is a very compact and extremely efficient multifunction power analyser, specially developed for use in low-voltage and medium-voltage distribution systems. The device monitors voltage quality up to the 40th harmonic and achieves an accuracy of 0.2 %, which meets the requirements of class 0.5 s. Communication is cost-effective and convenient via Modbus RTU.



Your special advantages

- UL certification
- Compact design for space-saving and cost-saving installation
- RS485 interface with Modbus protocol and 2 digital outputs for fast and cost-effective monitoring of energy consumption

Technical data

Type	Measurement accuracy for active energy (kWh, .../5 A)	Display	Interface	Order No.	Qty.
ENERGY METER 520-230	Class 0.5S	LCD with backlit display, 2 keys	RS485	2500880000	1
ENERGY METER 520-24	Class 0.5S	LCD with backlit display, 2 keys	RS485	2500860000	1

Machine-oriented energy data acquisition via PROFINET

Energy Meter 700-PN, the versatile PROFINET specialist

The demand for integrated automation solutions using fieldbus and network technology is growing. PROFINET is represented in all applications of mechanical and plant engineering today. Therefore it is reasonable to also use this communication structure for machine-oriented energy data acquisition.

The Energy Meter 700-PN has two PROFINET-compliant Ethernet interfaces and an integrated switch for establishing line topologies. In addition, it is equipped with two digital outputs, which can be used as pulse, switching, limit value or logic output. Furthermore, three digital inputs and a REST interface supports the integration of the measured data into higher-level software solutions, as they are used in GLT, PLC or SCADA applications.



Your special advantages

- Various interfaces, including 2 PROFINET-compliant ones
- REST interface to query over HTTP protocol
- Web server for real-time display of the measured data
- Integrated differential current measurement (RCM)

Technical data

Type	Measurement accuracy for active energy (kWh, .../5 A)	Display	Interface	Order No.	Qty.
ENERGY METER 700-PN-230	Class 0.5S	LCD with backlit display, 2 keys	RS485: Autobaud, 9.6 - 115.2 kbps (pluggable screw terminals), 2 x Ethernet 10/100 Base-TX (RJ-45 socket)	2500890000	1
ENERGY METER 700-PN-24	Class 0.5S	LCD with backlit display, 2 keys	RS485: Autobaud, 9.6 - 115.2 kbps (pluggable screw terminals), 2 x Ethernet 10/100 Base-TX (RJ-45 socket)	2500870000	1

Maximum transparency of energy consumption and power quality

Power quality analysers with residual current monitoring

Plant operation requires a reliable supply with good power quality. Comprehensive transparency of energy consumption is not only the basis for efficiency-oriented energy management, but can also provide valuable information on faults within a plant.

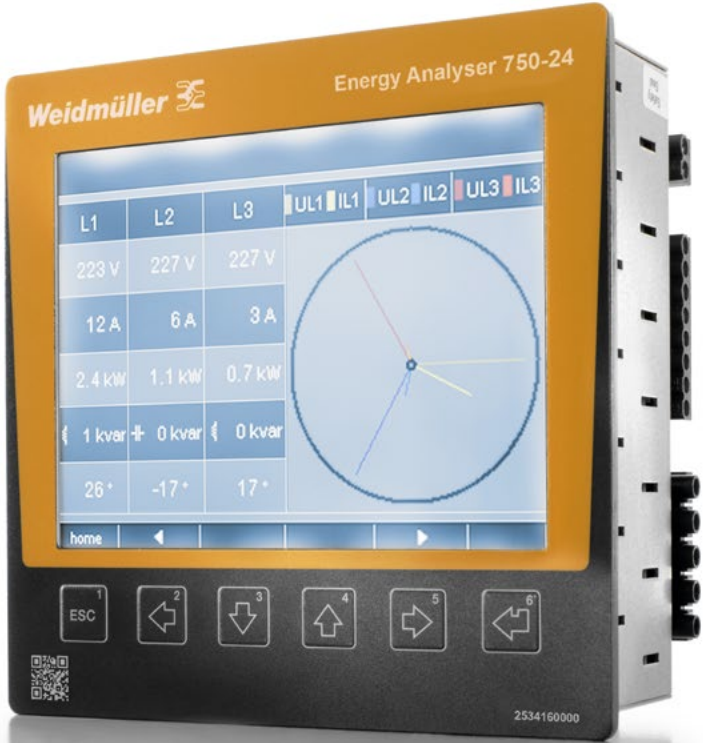
The Energy Analyzer 750 enables not only the continuous metering of consumption, but also the monitoring of differential currents. It detects and analyses disturbance variables such as harmonics, asymmetries, transients, flicker, reactive power, and many more. Overall, it permits comprehensive error detection. The Energy Analyzer 750 operates according to common standards such as EN 50160, IEEE519, or IEC 61000-2-4 and integrates cost-efficiently with most communication architectures.

Your special advantages

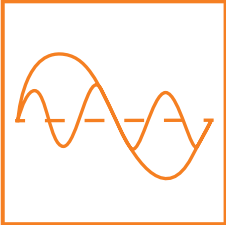
- Class A certification according to IEC 61000-4-30
- Power Quality Analyzer with Integrated Differential Current Measurement (RCM)
- Support of numerous protocols for easy integration with higher-level IT systems

Technical data

Type	Measurement accuracy for active energy (kWh, .../5 A)	Memory (Flash)	Display	Interface	Order No.	Qty.
ENERGY ANALYSER 750-230	Class 0.2S	256 MB	LCD 320 x 240, 256 colours, 6 keys	RS485: 9.6 - 921.6 kbps, Profibus DP: up to 12 Mbps (DSUB-9-plug), Ethernet 10/100 Base-TX (RJ45 socket), Web server/e-mail	2534130000	1
ENERGY ANALYSER 750-24	Class 0.2S	256 MB	LCD 320 x 240, 256 colours, 6 keys	RS485: 9.6 - 921.6 kbps, Profibus DP: up to 12 Mbps (DSUB-9-plug), Ethernet 10/100 Base-TX (RJ45 socket), Web server/e-mail	2534160000	1



Class A certified
 Harmonics are calculated synchronously with all other parameters such as THD, phase shift and RMS. All data are reliable, comparable and reproducible and can also be used in disputes.



High-performance power quality analyser
 The EA 750 detects, analyses and documents all deviations such as harmonics, phase shifts, transients, voltage dips, flicker, phase shifts, etc.



Integrated residual current monitoring (RCM measurement)
 The EA 750 detects fault system currents and will alert in case of possible system failures, even before fuses or residual current devices (RCDs) disconnect the affected systems or the power supply.

Measure energy consumption simply, safely and flexibly

Rogowski current transformers for easy retrofitting

To comply with growing environmental demands, companies must provide transparency about the energy consumption of their machines and plants. Rogowski coils reliably measure alternating current and integrate quickly and easily into existing environments.

Our Rogowski coils can be, optionally, integrated on busbars or with power cables. Three sizes are available to fit diameters between 70 and 175 mm. The output signal of a coil feeds to a transmitter, which detects alternating currents or a voltage signal. One of two models has a standard output signal (1 A), while the other allows to adjust the output signal to six different V or mA ranges. The input measuring range can be selected from ten values between 100 and 5000 A.

Your special advantages

- Very high accuracy of coil and transmitter according to class 0.5
- No calibration required
- Compact plastic housing

Technical data

Type	Diameter	Cable length	Primary current	Order No.	Qty.
RCMA-B22-D125-1.5	125 mm	1.5 m	5000 A	2581320000	1
RCMA-B22-D125-4.5	125 mm	4.5 m	5000 A	2581290000	1
RCMA-B22-D175-1.5	175 mm	1.5 m	5000 A	2581330000	1
RCMA-B22-D175-4.5	175 mm	4.5 m	5000 A	2581300000	1
RCMA-B22-D70-1.5	70 mm	1.5 m	5000 A	2581310000	1
RCMA-B22-D70-4.5	70 mm	4.5 m	5000 A	2581270000	1
RCMC-5000-1A-P				2581340000	1
RCMC-5000-A0-P				2581350000	1



Weidmüller
 ART-B22-D125
 Ø125 mm White P1
 CAT III 1000 V IP67 S1
 Us: 22.5 mV / 1 kA / 50 Hz
 -40/80 °C Black P2
 CE



Time-saving installation

High system availability through simple installation, without dismantling system components. Space-saving, compact, viable and easy to install even with large cable diameters.



High measuring accuracy

Load changes can be detected immediately to prevent failures or process interruptions.



Ideal for tight spaces

Easy to mount on the conductor with the cable ties provided. Sealing for protection is possible. Convenient to assemble for temporary measurements, even in confined spaces or with parallel feed.

Data consistency for the digital factory

Vertical integration with the flexible Weidmüller Data Hub

Optimization requires insight into production processes. The Weidmüller Data Hub enables the evaluation, storage and visualization of your data from the field. Flexibly designed functional elements allow data processing according to your wishes and adaptation to your individual requirements.

With the Weidmüller Data Hub, you benefit from the open architecture, transparent interfaces and flexible integration options. The supplied SQL-compatible database enables high-resolution acquisition and storage of numerous measurement data. Easy installation and fast commissioning ensure uncomplicated integration into existing processes. The obtained data enable derivation of optimization potentials and their effective use.

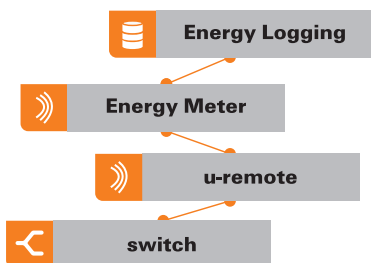
Your special advantages

- Professional data analysis and archiving
- Self-explanatory graphical programming
- Easy communication with Weidmüller field devices via the device library
- Scalable architecture
- Easy commissioning



Professional data storage

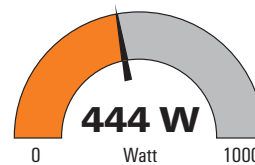
The background database intelligently integrates with existing backup and data security concepts, enabling both novice and professional users a cost-efficient entry into professional data management.



Graphical programming

The Weidmüller Data Hub provides access to extensive device libraries in the field of energy measurement as well as the u-mation modular system. Its configuration is carried out using universal function blocks, so that no programming knowledge is required.

Active Power



Comprehensive visualisation options

For the individual visualisation, a wide range of presentation options are available, which allows the greatest possible freedom in data processing.

Effectively reduce network charges

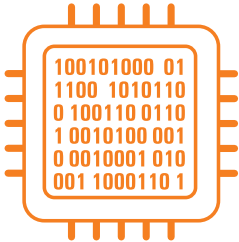
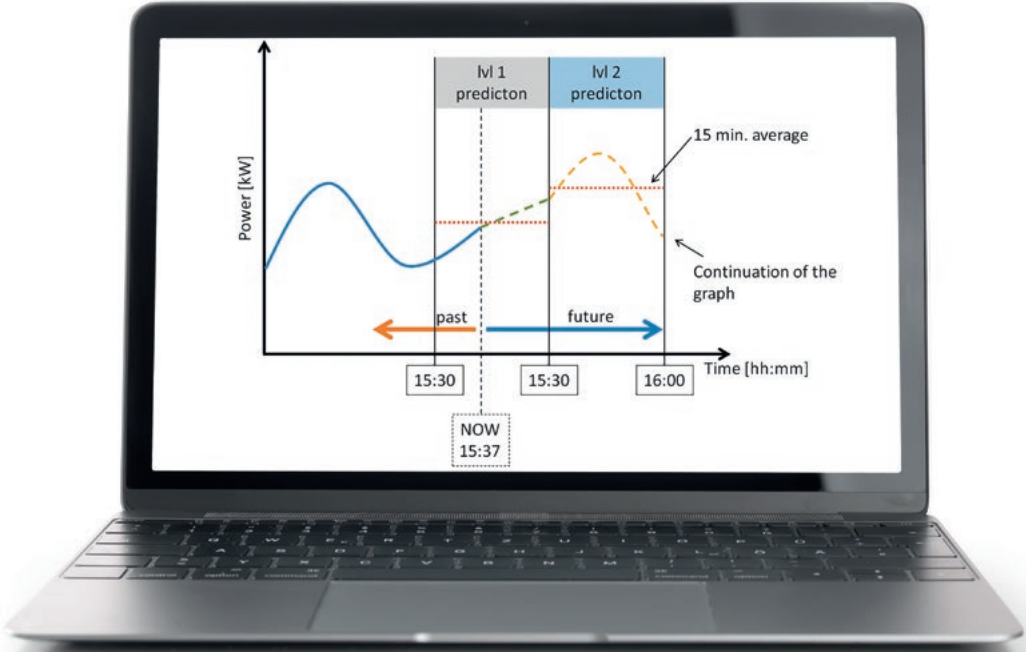
Predict load peaks reliably with Weidmüller Energetics

In addition to the operating price, energy providers also calculate relevant peak loads in their billing. For industrial companies therefore it is important to lower their peak loads. With Weidmüller Energetics, billing-relevant peak loads can be reliably predicted in order to take precautionary measures.

Using machine learning methods, Weidmüller Energetics provides a glimpse into the future. Peak loads are reliably predicted on the basis of collected data. This allows operators to intervene at an early stage without affecting production requirements. Free programming makes it possible to develop and initiate complex measures. With the help of the Weidmüller u-mation automation toolbox, utilities and consumers can easily interact with each other.

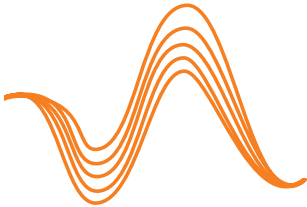
Your special advantages

- Real-time forecast of measurement data
- Self-sufficient, data-driven approach
- Continuous improvement through self-learning algorithms
- Consideration of correlated measurement data



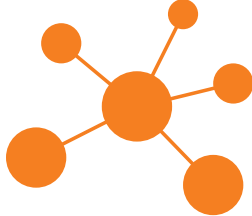
Forecast based on measuring data

Machine learning methods make it possible to predict the load profile over several accounting periods. If peak loads are forecasted, countermeasures can be initiated at an early stage.



Comprehensive analyses

Plant and process-specific characteristics are taken into account as well as seasonal fluctuations. The information feeds into algorithms which, through permanent learning, also adjust to changes in the system configuration.



Flexible use

The system is freely programmable, which allows to develop individual forecast algorithms based on the measuring data. The ecoData hub is a basis that provides access to a large number of interfaces as well as the Weidmüller u-mation automation modular system.

Quick and reliable monitoring of limit values

ACT20P limit monitoring relays for a wide range of applications

In many industrial applications, limit values need to be constantly monitored in order to guarantee smooth processes. Specific guidelines and standards often make the use of different limit monitoring relays a necessity.

ACT20P monitoring relays are the reliable and flexible solution for limit value monitoring. Due to their universal power supply and worldwide approvals, they can be used in many applications, e.g. in machine, plant and panel building, wind energy, Ex areas, and shipbuilding. The products are characterised by a wide variety of alarm functions, high repeat accuracy and measurement sensitivity as well as absolute reliability and simple operation.



Your special advantages

- High flexibility thanks to universal power supply
- International approvals for worldwide usage
- Alarm functions for various process requirements, e.g. window alarm, upper / lower limit value with hysteresis
- Convenient software-based configuration and documentation

Technical data

Type	Input	Output	Alarm function	Width	Supply voltage	Order No.	Qty.
ACT20P: Limit-value monitoring							
ACT20P-TMR-RTI-S	Temperature	2 x relays	Alarm range: -200...850 °C, Top and bottom limit values, window range, Hysteresis: 2 °C (adjustable), Alarm delay: 0...10 s	22.5 mm	20...264 VUC	7760054305	1
ACT20P-VMR-1PH-H	110 / 240 / 400 V AC/DC	2 x relays	Surge voltage, Undervoltage, Voltage window, Holding function can be activated, Alarm delay: 0...10 s	22.5 mm	24...240 VUC ±10%	7760054164	1
ACT20P-VMR-3PH-ILP-H	180...500 V AC	2 x relays	Top and bottom limit values, window range, Holding function can be activated, Phase error, Phase sequence, Asymmetry, Alarm delay: 0...10 s	22.5 mm	supplied from voltage measurement inputs	7760054165	1

Signal converters without auxiliary power supply

ACT20P products can be loop powered via input or output

From process and energy technology to mechanical engineering: given the need to measure and isolate analogue configuration on-site, costly auxiliary power supplies are almost always required for supplying the signal converters with power.

Due to the input or output current loop, the new ACT20P loop-powered products do not require an additional external power supply. They can also be used easily in remote control boxes. Integrated into a 12.5-mm-wide enclosure, the signal converters take up little space on a DIN rail. Configurable protection against mismatching and a release lever for the female plug guarantee reliable connections.



Your special advantages

- Quick, easy and cost-saving installation – without any configuration
- Individually coded connectors for high protection against mismatching
- Supply via input or output current loop without additional power supply
- Safe and accurate signal conversion and separation
- Particularly space-saving solution

Technical data

Type	Input	Output	Supply voltage	Width	Accuracy	Order No.	Qty.
ACT20P-CI-CO-ILP	0(4)-20 mA	0(4)-20 mA	Loop powered, via 4...20 mA input	12.5 mm	< 0.1 % of end value	7760054123	1
ACT20P-2CI-2CO-ILP	0(4)-20 mA	0(4)-20 mA	Loop powered, via 4...20 mA input	12.5 mm	< 0.1 % of end value	7760054124	1
ACT20P-CI1-CO-OLP	0-20 mA	4-20 mA	via output current loop, min. 12 V DC/ max. 30 V DC	12.5 mm	< 0.1 % of end value	7760054118	1
ACT20P-CI-2CO-OLP	4-20 mA	2 x 4-20 mA	via output current loop, min. 12 V DC/ max. 30 V DC	12.5 mm	< 0.1 % of end value	7760054122	1
ACT20P-CI2-CO-OLP	4-20 mA	4-20 mA	via output current loop, min. 12 V DC/ max. 30 V DC	12.5 mm	< 0.1 % of end value	7760054119	1
ACT20P-VI-CO-OLP	0-10 V	4-20 mA	via output current loop, min. 12 V DC/ max. 30 V DC	12.5 mm	< 0.2 % of end value	7760054121	1
ACT20P-VI1-CO-OLP	0-5 V	4-20 mA	via output current loop, min. 12 V DC/ max. 30 V DC	12.5 mm	< 0.1 % of end value	7760054120	1

Integrate analogue signal converters quickly and safely

ACT20P products with PUSH IN connection

Wherever reliable measurement of analogue signals is important, safe connection technology also plays a decisive role. ACT20P signal converters with PUSH IN connection technology are suitable in particular for applications with high vibration stress, such as for pumps, motors and compressors.

ACT20P products offer high measurement accuracy over wide temperature ranges and have international approvals. Thanks to PUSH IN connection technology, they support tool-free and therefore fast, safe and easy installation of signal lines in your application. Configuration is done via dip switch, software or display. The integrated standard measuring sockets on the PUSH IN connector simplify the verification of measuring signals from the connected signal line.



Your special advantages

- PUSH IN connection technology for fast, tool-free wiring during installation and maintenance
- Protection against incorrect connection due to integrated captive coding system with "Autoset" function
- Easy loop checks of measuring signals via standard measuring sockets at the connector
- Quick and easy configuration via DIP switch, software, or display

Technical data

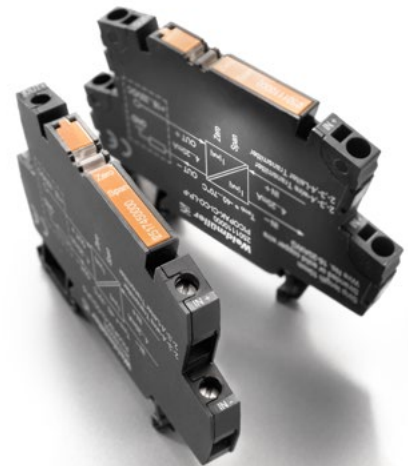
Type	Input	Output	Configuration	Supply voltage	Width	Order No.	Qty.
ACT20P-BRIDGE-P	Resistance measuring bridge	0(4)-20 mA	DIP switch and button	10...60 V DC	22.5 mm	2456820000	1
ACT20P-UI-AO-DO-LP-P	universal U, I, R, θ	4-20 mA	With FDT/DTM software	Output loop powered, (10...45 V)	12.5 mm	2456850000	1
ACT20P-AI-AO-DC-P	I/U universal	I/U universal	DIP switch, Keys and LED display, with reference voltage/current sources	12...60 V DC	12.5 mm	2456860000	1
ACT20P-CI-CO-P	0(4)-20 mA	0(4)-20 mA	none	20...30 V DC	12.5 mm	2489680000	1
ACT20P-CI-2CO-P	0(4)-20 mA	2 x 4-20 mA	none	20...30 V DC	12.5 mm	2489710000	1
ACT20P-2CI-2CO-12-P	2 x 4-20 mA	2 x 4-20 mA	none	20...30 V DC	12.5 mm	2489730000	1
ACT20P-CI-V0-P	0(4)-20 mA	0-10 V	none	20...30 V DC	12.5 mm	2489740000	1
ACT20P-PRO DCDC II-P	I/U universal	I/U universal	DIP switch, or via display and push-buttons	24...230 V DC \pm 20 %, 24...230 V AC \pm 10 % @ 48...62 Hz	12.5 mm	1481960000	1
ACT20P: Limit-value monitoring							
ACT20P-UI-2RCO-DC-P	universal U, I, R, θ	2 x relays	With FDT/DTM software, or via 7-segment display, push-buttons and rotary encoder on the device itself	9...60 V DC	22.5 mm	2456840000	1
ACT20P-CML-10-AO-RC-P	0...5/10 A	0(4)-20 mA, Relay	DIP switch and potentiometer	24 V DC \pm 30 %	17.5 mm	2489910000	1
ACT20P-CMT-10-AO-RC-P	0...5/10 A	0(4)-20 mA, Relay	DIP switch and potentiometer	18...30 V DC	22.5 mm	1510330000	1
ACT20P-CMT-30-AO-RC-P	0...20/25/30 A	0(4)-20 mA, Relay	DIP switch and potentiometer	16.8 V...31.2 V	22.5 mm	1510320000	1
ACT20P-CMT-60-AO-RC-P	0...40/50/60 A	0(4)-20 mA, Relay	DIP switch and potentiometer	16.8 V...31.2 V	22.5 mm	1510290000	1

Current measurement and isolation without auxiliary power supply

PicoPak-CI-CO-LP, the smallest current measurement isolator on the market

Many processes are only possible due to safe conversion and reliable separation of analogue current signals. With impressive performance, our analogue signal converter PicoPak supports the concurrent measurement and galvanic isolation of signals from active field sensors and PLC input cards.

Because of their integrated input and output current loop, the modules do not require any additional auxiliary power supply and can be used easily in remote control boxes. By integrating into an only 6 mm wide housing, the signal converters take up very little space on a DIN rail. Both designs – the proven screw connectors and the convenient PUSH IN connection technology – ensure reliable connections.



Your special advantages

- High flexibility for a variety of applications due to worldwide approvals and an extended temperature range from -40 to +70 °C
- Loop powered to isolate active field sensors without additional auxiliary power supply from active PLC input cards
- Reliable span and zero point calibration via potentiometer

Technical data

Type	Type of connection	Type	Condition	Interface	Order No.	Qty.
PTL DPD ADVANCED SQR FIXATION	M8 plug / socket (≤30 V DC max.)	4 digits, red, green, blue, orange LED (7 segment)	capacitive push button	RS485: 9.6 - 921.6 kbps	7508002014	1
PTL DPD BASIC SQR FIXATION	M8 plug / socket (≤30 V DC max.)	4 digits, red, green, blue, orange LED (7 segment)	capacitive push button	RS485: 9.6 - 921.6 kbps	7508001928	1

Reliable monitoring of components in ship automation

ACT20P and ACT20C current transformers with DNV GL approval

In modern ships, more and more functions have to be automated. The reliable control of all systems and processes is considerably facilitated by exactly measuring and monitoring the currents of connected loads such as fans, motors, and lighting and heating circuits.

The intelligent monitoring function of the new ACT20P or ACT20C units is able to accurately detect overloads or deficits of consumers in real-time. In this way, performance reductions and system downtimes can be counteracted in a timely fashion. Due to the effective value measurement (True RMS), the new ACT20P-CMT and ACT20P-CML universal current transducers capture sinusoidal or distorted DC and AC currents with excellent precision.



Your special advantages

- Perfect for use in ship automation and certified by DNV GL
- Robust and insensitive to challenging environmental conditions, such as high temperature fluctuations, humidity, vibrations and electromagnetic fields
- High precision thanks to effective value measurement True RMS or arithmetic averaging (AA) measurement



Technical data

Type	Input measurement range	Output current	Supply voltage	Order No.	Qty.
ACT20C: Ethernet, Condition Monitoring, Limit-value monitoring					
ACT20C-GTW-100-MTCP-S			18.0 ... 31.2 V DC	1510370000	1
ACT20C-CML-10-AO-RC-S	configurable, 0...1/5/10 A AC (RMS) or DC	adjustable, 0...20 mA, 4...20 mA, -20...+20 mA	24 V DC \pm 30 %	2044840000	1
ACT20C-CMT-10-AO-RC-S	configurable, 0...5/10 A AC (RMS) or DC	adjustable, 0...20 mA, 4...20 mA, -20...+20 mA	via the system bus	1510240000	1
ACT20C-CMT-30-AO-RC-S	configurable, 0...20/25/30 A AC (RMS) or DC	adjustable, 0...20 mA, 4...20 mA, -20...+20 mA	via the system bus	1550030000	1
ACT20C-CMT-60-AO-RC-S	configurable, 0...40/50/60 A AC (RMS) or DC	adjustable, 0...20 mA, 4...20 mA, -20...+20 mA	via the system bus	1510420000	1
ACT20P: Limit-value monitoring					
ACT20P-CML-10-AO-RC-S	configurable, 0...1/5/10 A AC (RMS) or DC	adjustable, 0...20 mA, 4...20 mA, -20...+20 mA	24 V DC \pm 30 %	2044850000	1
ACT20P-CMT-10-AO-RC-S	configurable, 0...5/10 A AC (RMS) or DC	adjustable, 0...20 mA, 4...20 mA, -20...+20 mA	18...30 V DC	1510470000	1
ACT20P-CMT-30-AO-RC-S	configurable, 0...20/25/30 A AC (RMS) or DC	adjustable, 0...20 mA, 4...20 mA, -20...+20 mA	16.8 V...31.2 V	1510540000	1
ACT20P-CML-10-AO-RC-P	configurable, 0...1/5/10 A AC (RMS) or DC	adjustable, 0...20 mA, 4...20 mA, -20...+20 mA	24 V DC \pm 30 %	2489910000	1
ACT20P-CMT-10-AO-RC-P	configurable, 0...5/10 A AC (RMS) or DC	adjustable, 0...20 mA, 4...20 mA, -20...+20 mA	18...30 V DC	1510330000	1
ACT20P-CMT-30-AO-RC-P	configurable, 0...20/25/30 A AC (RMS) or DC	adjustable, 0...20 mA, 4...20 mA, -20...+20 mA	16.8 V...31.2 V	1510320000	1
ACT20P-CMT-60-AO-RC-S	configurable, 0...40/50/60 A AC or DC	adjustable, 0...20 mA, 4...20 mA, -20...+20 mA	16.8 V...31.2 V	1510440000	1
ACT20P-CMT-60-AO-RC-P	configurable, 0...40/50/60 A AC or DC	adjustable, 0...20 mA, 4...20 mA, -20...+20 mA	16.8 V...31.2 V	1510290000	1
ACT20P-CMT-60-RC-S	configurable, 0...40/50/60 A AC or DC		16.8 V...31.2 V	1510390000	1
ACT20P-CMT-60-RC-P	configurable, 0...40/50/60 A AC or DC		16.8 V...31.2 V	1510280000	1

Achieving the highest measurement accuracy in diverse applications

ACT20P-PRO-RTCI-AO-DO impresses with extremely simple configuration

To ensure a smooth process, many industries – from machine construction to process and energy technology – require secure isolation of temperature, resistor, potentiometer, current, or voltage signals as well as precise signal conversion.

The ACT20P-PRO-RTCI-AO-DO universal temperature converter delivers impressive performance with simple configuration via the integrated display. It supports many sensor types, offers a high isolation level and superior accuracy. A universal power supply and extensive approvals make the ACT20P-PRO-RTCI-AO-DO one of the most reliable and accurate signal converters on the market.



Your special advantages

- Reliable and accurate signal conversion and isolation
- Digital NPN output for accurate set point limit monitoring
- Measures any resistance, such as temperature resistors or motor windings
- Quick configuration via integrated display

Technical data

Type	Input resistance / Sensor	Type / Output current	Configuration	Supply voltage	Width	Order No.	Qty.
ACT20P-PRO-RTCI-AO-DO-S	0...15 kΩ / PT100 / 2-/3-/4-wire, PT200, PT500, N50, N100, P 1K, N 1K, KT16, KT81, KT82, KT83, KT84, ST13, ST20	NPN-Transistor, Switching frequency 5 kHz / -20...+20 mA, ± 10mA, 0(4)...20 mA	with push-buttons and display	24...230 V DC ±15%, 24...230 V AC ±15% @48...62 Hz	12.5 mm	2448100000	1

Optimise signal conversion and the separation of frequency signals

ACT20P-PRO-FI-AO-DO: one of the most accurate signal converters

Precise signal conversion and safe separation of frequency signals are essential conditions to ensure smooth process flows in many industries, including mechanical engineering and process and energy technology.

The universal frequency converter ACT20P-PRO-FI-AO-DO is particularly simple to configure via an integrated display. It supports various frequency signals such as frequency generator, NAMUR, NPN, PNP, PWM and encoder. In addition, it has a high insulation effect and superior accuracy. A universal power supply and extensive approvals make the ACT20P-PRO-FI-AO-DO one of the most reliable and accurate signal converters on the market.



Your special advantages

- Quick and easy configuration via integrated display
- Universal supply voltage of 24 V UC - 230 V UC
- Digital NPN output for accurate limit monitoring
- Universal, custom configurable frequency input
- Universal, custom configurable analogue output

Technical data

Type	Type of connection	Input	Output	Configuration	Supply voltage	Order No.	Qty.
ACT20P-PRO-FI-AO-DO-S	Screw connection	Frequency	I/U universal, Relay	with push-buttons and display	24...230 V DC \pm 15%, 24...230 V AC \pm 15% @48...62 Hz	2447940000	1
ACT20P-PRO-FI-AO-DO-S-S	Screw connection	Frequency	I/U universal, Relay	with push-buttons and display	24...230 V DC \pm 15%, 24...230 V AC \pm 15% @48...62 Hz	2490010000	1
ACT20P-PRO-FI-AO-DO-P	PUSH IN	Frequency	I/U universal, Relay	with push-buttons and display	24...230 V DC \pm 15%, 24...230 V AC \pm 15% @48...62 Hz	2447950000	1
ACT20P-PRO-FI-AO-DO-S-P	PUSH IN	Frequency	I/U universal, Relay	with push-buttons and display	24...230 V DC \pm 15%, 24...230 V AC \pm 15% @48...62 Hz	2490020000	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 serve ideal utilisation in robots, handling systems, or placement machines.

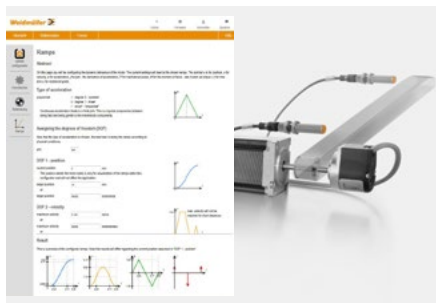
The stepper motor control module from u-remote provides everything required for efficient and flexible automation with stepper motors. Variably adjustable operating parameters and a wide-range supply of 12 to 50 V DC make the module flexibly applicable for a broad range of target applications. Six integrated, 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

Technical data

Type	Inputs (acc. to IEC 61131-2)	Outputs (acc. to 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 optimized 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.

Higher productivity in picking and assembly tasks

Robust “pick-to-light” solutions for industrial environments

“Pick-to-light” and “put-to-light” solutions help with picking and assembly applications. They guide people through a sequence of to-be-confirmed-steps within a work process. This avoids errors and increases productivity by more than 50 %.

“Pick-to-light” solutions from Weidmüller allow combination with a decentralised device architecture with nearly any communication structure and protocol (e.g. Modbus/TCP, PROFINET, EtherCAT, EtherNet/IP). 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 a highly efficient user interaction.
- Connection option for external sensors for automatic confirmation in the workflow

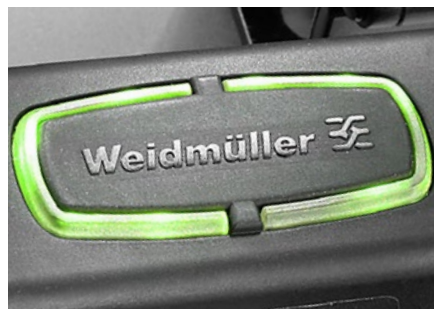
Technical data

Type	Type of connection	Type	Operation	Interface	Order No.	Qty.
PTL DPD ADVANCED SQR FIXATION	M12 plug / socket, M8 socket	4-digits display with sensor socket	capacitive touch button	RS485	7508002014	1
PTL DPD BASIC SQR FIXATION	M12 plug / socket	4-digits display	capacitive touch button	RS485	7508001928	1



Optimal protection

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



Efficient user interface

A touch button with a bright multi-color 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 allows automatic confirmation during the picking process, which further reduces failure rates.

Functional safety for applications in the process industry

Safety relay for use with Triconex® safety PLCs

The goal of functional safety procedures is to reduce risks for people and the environment to a tolerable level. The SCS 24VDC P1SIL3 I safety relay meets the international safety standards by executing a safety-related disconnection of systems according to EN 61508, SIL 3.

The SCS 24VDC P1SIL3 I safety relay is designed particularly for use with Triconex® safety controllers from Schneider Electric. It is resistant to test pulses of the Triconex® output modules. Proof of compatibility is available for use with Tricon™, Trident™ and Tri-GP™ systems. The new safety relay is certified “Approved Safety Function” by the TÜV NORD to meet all specifications from EN 61508 to SIL3.



Your special advantages

- Resistant to test pulses of the Triconex® output modules
- Compatible with the Tricon™, Trident™ and Tri-GP™ systems
- SIL3-certified by the TÜV-NORD Group in accordance with EN 61508

Technical data

Type	Rated control voltage	Max. permitted switching voltage	Max. permitted switching current	Safety standard	Order No.	Qty.
SCS 24VDC P1SIL3DS I	24 V DC (16...36 V DC)	250 V AC / 30 V DC	5 A	EN 61508:2010	2500980000	1

Fast tracking planning processes effectively

The Weidmüller Configurator simplifies configuration and ordering

Engineering processes have to be completed with ever greater speed, precision and efficiency. This requires intelligent tools that provide optimum support for complex planning processes.

The Weidmüller Configurator is a software solution for selecting, configuring and ordering terminal rails and terminal rail components from the Weidmüller range. The tool supports continuous engineering workflows from planning with E-CAD systems through to documentation. Simple operation, a clear design and integration in your engineering systems make configuring terminal rails a simple, safe and convenient process. The fantastic attention to detail during the terminal rail assembly process increases planning quality compared with E-CAD systems.

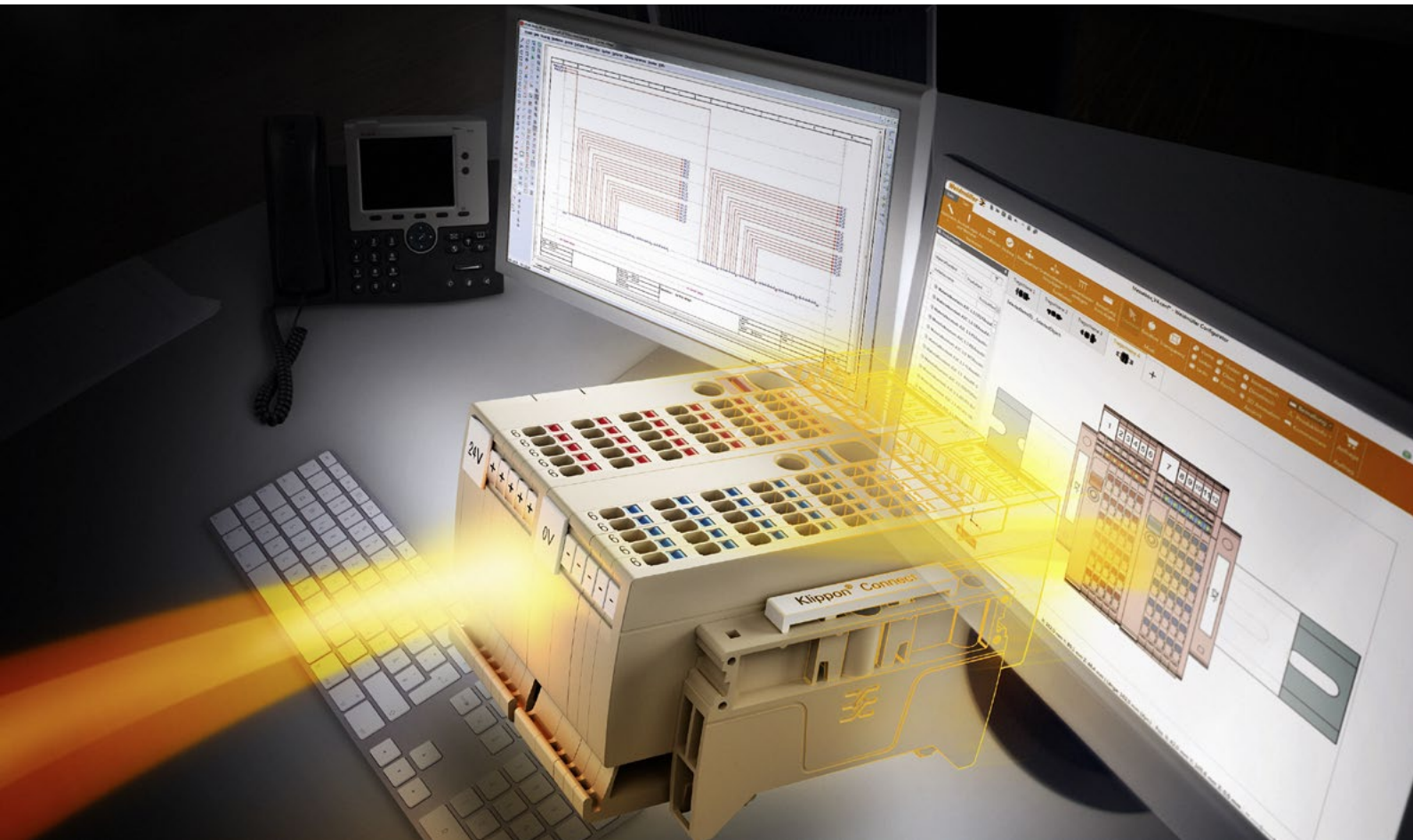
To ensure your configuration reaches you as quickly as possible, we now offer you the new "Configure to Order" feature to save even more time in the planning process. Thanks to its Fast Delivery Service, you can put your prefigured components to the test in just five working days if you order from within Germany.

Your special advantages

- More planning flexibility thanks to the Fast Delivery Service
- Intuitive operation with a self-explanatory interface and drag-and-drop functions
- Database with best-practice solutions for standardised projects
- User-friendly planning through data exchange between CAD programme and Weidmüller M-Print® PRO marking software

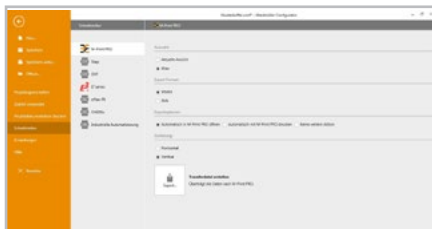


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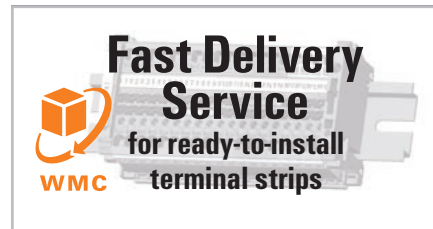
Full engineering support

Product data can be fully integrated into all conventional engineering tools, including EPLANP8 and Zuken E3, while 3D views simplify measurement, wiring and marking during panel configuration.



Avoid errors from the outset

Automatic data transfer and filter functions, as well as seamless documentation, ensure that you can rely on the completeness and compatibility of your configurations at all times.



Increased flexibility

With the new Fast Delivery Service, your individual and installation-ready terminal strips can be assembled in just four working days and dispatched in an additional day within Germany.

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.

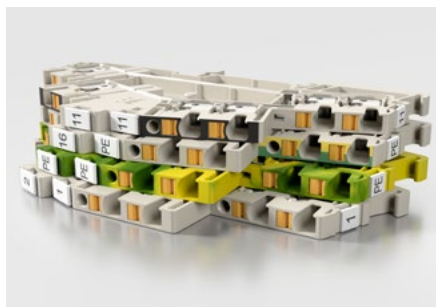
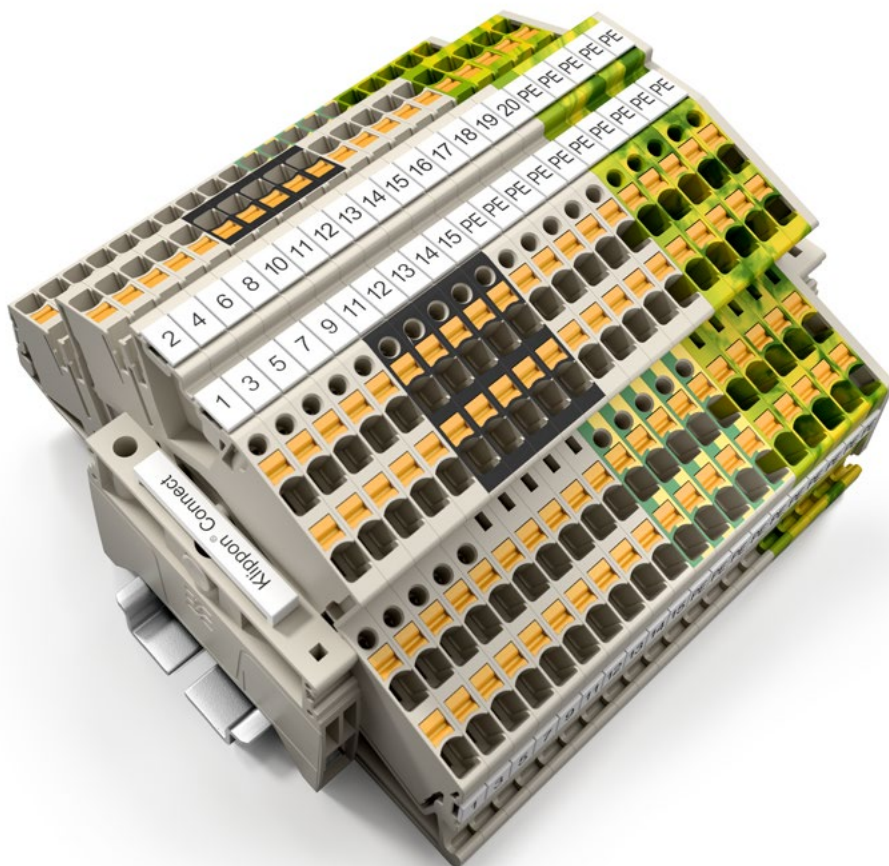
Our two-tier terminal blocks permit the connection of up to 6 wires on a width of only 5.1 mm. They come in many variants to meet the current industrial requirements. Coloured pushers and a wide range of marking options ensure structured and safe wiring. The smart design and numerous connection options 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	Order No.	Qty.
A2T 2.5 3C BL	800 V	24 A	0.14..2.5 mm ²	Blue	2531510000	50
A2T 2.5 3C	800 V	24 A	0.14..2.5 mm ²	Dark Beige	2531290000	50
A2T 2.5 3C FT-PE	800 V	24 A	0.14..2.5 mm ²	Dark Beige	2531300000	50
A2T 2.5 3C PE	800 V		0.14..2.5 mm ²	green / yellow	2531320000	50
A2T 2.5 3C VL	800 V	24 A	0.14..2.5 mm ²	Dark Beige	2531310000	50
A2T 2.5 3C VL BL	800 V	24 A	0.14..2.5 mm ²	Blue	2531530000	50
Accessories						
AEP 2T 2.5 3C				Dark Beige	2532690000	20
AEP 2T 2.5 3C BL				Blue	2532700000	20



Versatile 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 labeling 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 testing plugs.

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.

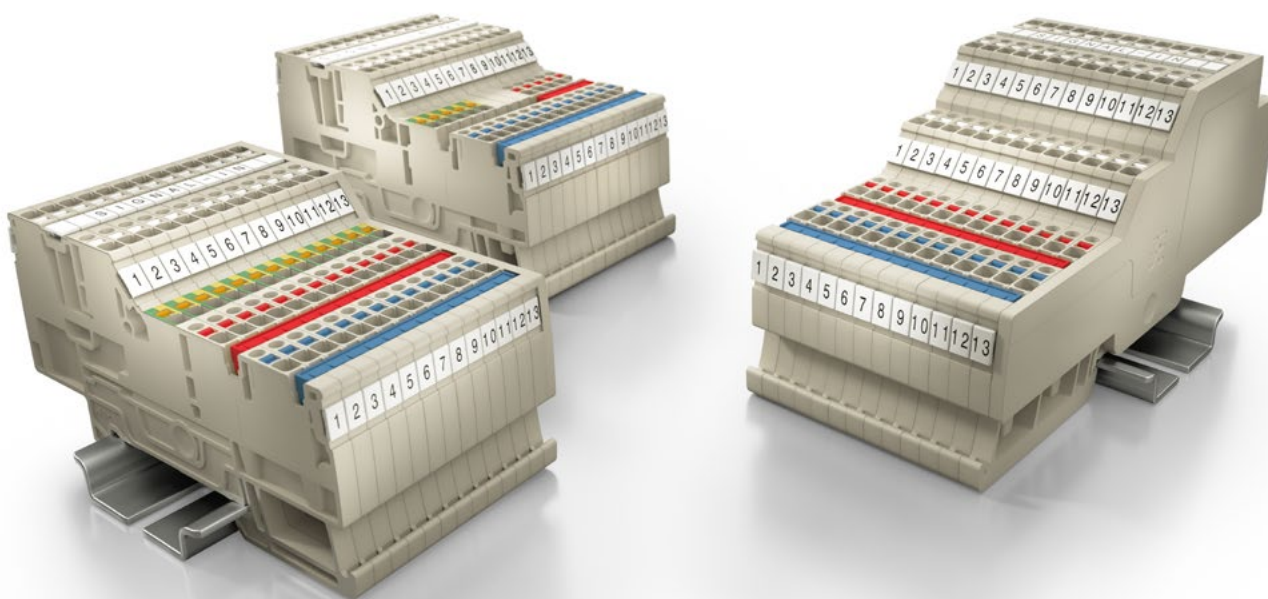
Our signal wiring solutions are geared for future automation requirements and are available in many different designs. Due to a large number of variants, you benefit from maximum flexibility in the design of the signal feed. In combination with an I/O system, a particularly effective and safe potential 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
- Testing 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
- PUSH IN technology for a tool-free connection of rigid conductors and conductors with wire end ferrules

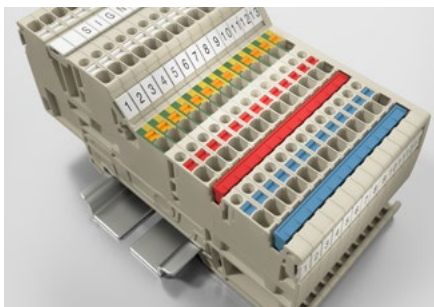
Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour	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 SO	250 V	13.5 A	0.14...1.5 mm ²	Dark Beige	1992240000	100
AIO21 1.5 SO-PE	250 V	13.5 A	0.14...1.5 mm ²	Dark Beige	1992250000	100
AIO22 1.5 SI-PE	250 V	13.5 A	0.14...1.5 mm ²	Dark Beige	1992230000	100
AIO23 1.5 2SI	250 V	13.5 A	0.14...1.5 mm ²	Dark Beige	1992220000	50
Accessories						
AEP IO21				Dark Beige	1993580000	50
AEP IO22				Dark Beige	1993590000	50
AEP IO23				Dark Beige	1993600000	50



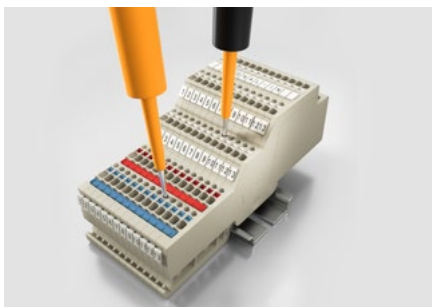
Many variants

Whether it's for three- or four-conductor initiators or actuators with and without a protective earth connection, we've got the perfect terminal block in our range.



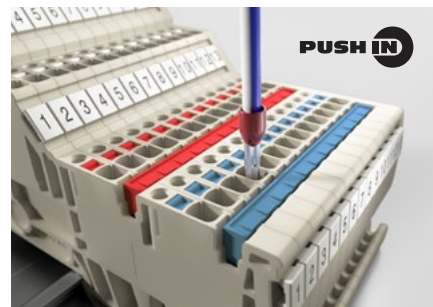
Coloured pushers

Each conductor – positive, negative, signal or PE – has its own colour. Incorrect wiring is prevented, while installation and maintenance are made more efficient.



Check and test point

The different potentials can be tested at every contact point. Testing work in the panel is significantly sped up.



PUSH IN technology

Both rigid conductors and conductors with wire-end ferrules can be reliably connected directly and without the need for any tools. For maximum contact security in a minimum amount of time.

Safe supply to equipment in the panel

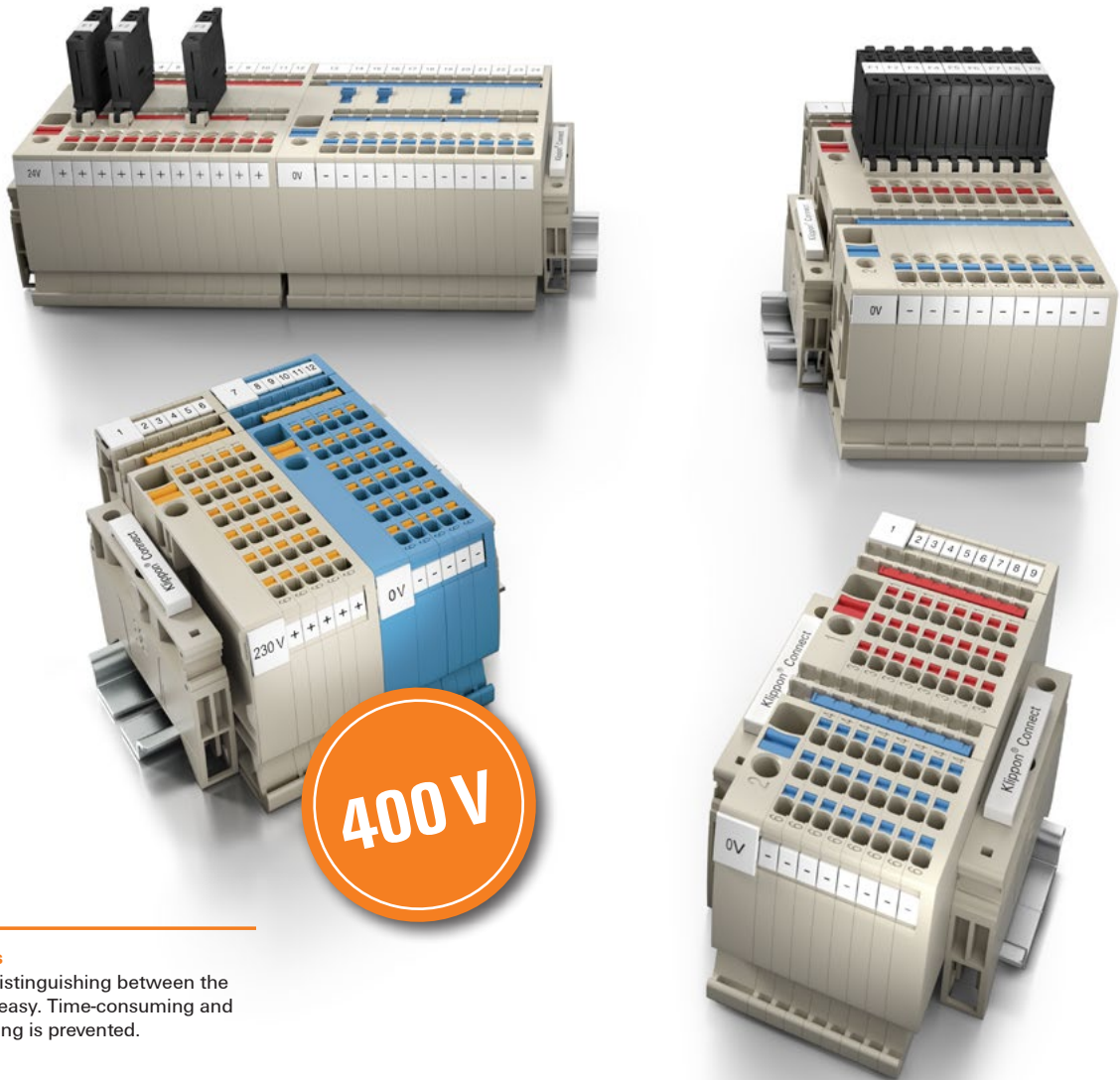
Klippon® Connect for optimum control voltage distribution

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.



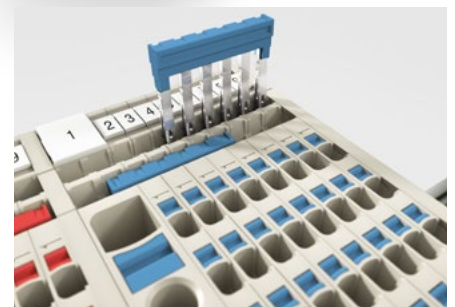
Space saving

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	Order No.	Qty.
AAP11 1.5 LI BL	500 V	17.5 A	0.14...1.5 mm ²	Dark Beige	1988170000	50
AAP11 1.5 LI BL/OR	500 V	17.5 A	0.14...1.5 mm ²	Blue	2522870000	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 RD	500 V	17.5 A	0.14...1.5 mm ²	Dark Beige	1988160000	50
AAP11 6 FE	500 V		0.5...6 mm ²	Dark Beige	1988140000	20
AAP11 6 LO BL	500 V	41 A	0.5...6 mm ²	Dark Beige	1988130000	20
AAP11 6 LO BL/OR	500 V	41 A	0.5...6 mm ²	Blue	2522720000	20
AAP11 6 LO OR	500 V	41 A	0.5...6 mm ²	Dark Beige	2503650000	20
AAP11 6 LO RD	500 V	41 A	0.5...6 mm ²	Dark Beige	1989780000	20
AAP12 10 FE	800 V		0.5...10 mm ²	Dark Beige	1988200000	20
AAP12 10 LO BL	800 V	57 A	0.5...10 mm ²	Dark Beige	1988180000	20
AAP12 10 LO BL/OR	800 V	57 A	0.5...10 mm ²	Blue	2522860000	20
AAP12 10 LO OR	800 V	57 A	0.5...10 mm ²	Dark Beige	2503900000	20
AAP12 10 LO RD	800 V	57 A	0.5...10 mm ²	Dark Beige	1988190000	20
AAP12 2.5 LI BL/OR	800 V	24 A	0.5...2.5 mm ²	Blue	2522840000	50
AAP12 2.5 LI BL	800 V	24 A	0.5...2.5 mm ²	Dark Beige	1988100000	50
AAP12 2.5 LI OR	800 V	24 A	0.5...2.5 mm ²	Dark Beige	2503880000	50
AAP12 2.5 LI RD	800 V	24 A	0.5...2.5 mm ²	Dark Beige	1988290000	50
AAP13 1.5 LH-LI	250 V	16 A	0.14...1.5 mm ²	Dark Beige	1988280000	50
AAP13 6 FE-LO	250 V	41 A	0.5...6 mm ²	Dark Beige	1988270000	20
AAP13 6 LO-LO	250 V	41 A	0.5...6 mm ²	Dark Beige	1988260000	20
AAP14 10 FE-LO	500 V	57 A	0.5...10 mm ²	Dark Beige	1988240000	20
AAP14 10 LO-LO	500 V	57 A	0.5...10 mm ²	Dark Beige	1988250000	20
AAP14 2.5 LH-LI	500 V	24 A	0.5...2.5 mm ²	Dark Beige	1988230000	50
AAP21 10 FE	250 V		0.5...10 mm ²	Dark Beige	2428920000	20
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 4 DT	250 V	20 A	0.5...4 mm ²	Dark Beige	2428980000	50
AAP21 4 FS	250 V	6.3 A	0.5...4 mm ²	Dark Beige	2428950000	50
AAP21 4 FS 10-36V	36 V	6.3 A	0.5...4 mm ²	Dark Beige	2458990000	50
AAP21 4 FS 100-250V	250 V	6.3 A	0.5...4 mm ²	Dark Beige	2460180000	50
AAP21 4 FS 30-70V	70 V	6.3 A	0.5...4 mm ²	Dark Beige	2460200000	50
AAP21 4 FS 60-150V	150 V	6.3 A	0.5...4 mm ²	Dark Beige	2460190000	50
AAP21 4 LI BL	250 V	32 A	0.5...4 mm ²	Dark Beige	2428960000	50
AAP21 4 LI RD	250 V	32 A	0.5...4 mm ²	Dark Beige	2428930000	50
AAP22 10 FE-LO	250 V	17 A	0.5...10 mm ²	Dark Beige	2429000000	20
AAP22 10 LO-LO	250 V	57 A	0.5...10 mm ²	Dark Beige	2428990000	20
AAP22 4 LI-FS	250 V	6.3 A	0.5...4 mm ²	Dark Beige	2429010000	50
AAP22 4 LI-FS 10-36V	36 V	6.3 A	0.5...4 mm ²	Dark Beige	2459010000	50
AAP22 4 LI-FS 100-250V	250 V	6.3 A	0.5...4 mm ²	Dark Beige	2460120000	50
AAP22 4 LI-FS 30-70V	70 V	6.3 A	0.5...4 mm ²	Dark Beige	2460140000	50
AAP22 4 LI-FS 60-150V	150 V	6.3 A	0.5...4 mm ²	Dark Beige	2460130000	50
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

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 fuse terminal block WSI 25 10X85 1.5KV 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.

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 possibilities 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.

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

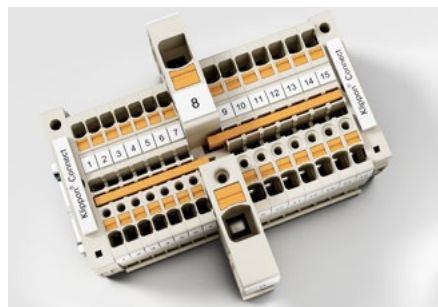
Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour	Order No.	Qty.
A2C 10	1000 V	57 A	0.5...10 mm ²	Dark Beige	2490360000	25
A2C 10 BL	1000 V	57 A	0.5...10 mm ²	Blue	2490370000	25
A2C 10 PE	1000 V		0.5...10 mm ²	green / yellow	2490440000	25
A2C 16	1000 V	76 A	0.75...16 mm ²	Dark Beige	2494000000	20
A2C 16 BL	1000 V	76 A	0.75...16 mm ²	Blue	2494100000	20
A2C 16 PE	1000 V		0.75...16 mm ²	green / yellow	2494010000	20
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		0.5...10 mm ²	green / yellow	2490590000	25
A3C 16	1000 V	76 A	0.75...16 mm ²	Dark Beige	2494090000	20
A3C 16 BL	1000 V	76 A	0.75...16 mm ²	Blue	2494080000	20
A3C 16 PE	800 V		0.75...16 mm ²	green / yellow	2494020000	20
AL0 16	800 V	76 A	0.75...16 mm ²	Dark Beige	2502280000	20
AL0 16 BL	800 V	76 A	0.75...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

now
up to
16 mm²



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.



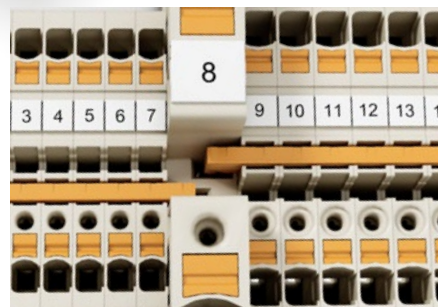
Easy potential distribution

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 testing plugs.

Fast wiring on three tiers

Klippon® Connect for optimum wiring in confined spaces

The complexity in modern switchgear is growing, and the number of necessary connections is constantly expanding. For panel builders, the importance of using the space optimally is increasing. Our answer to this requirement is the Klippon® Connect three-tier terminal blocks with PUSH IN connector.

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

Your special advantages

- Accommodation of 3 potentials on a width of only 5.1 mm
- Fast wiring by means of cross-connection possibilities on each level
- Test points on each tier
- Testing with standard measuring tips and test plugs
- Large marking areas for unambiguous identification
- Various colour codings and functions for special applications

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour	Order No.	Qty.
A3T 2.5	800 V	22 A	0.14...2.5 mm ²	Dark Beige	2428510000	50
A3T 2.5 BL	800 V	22 A	0.14...2.5 mm ²	Blue	2428520000	50
A3T 2.5 FT-FT-PE	800 V	24 A	0.14...2.5 mm ²	Dark Beige	2428530000	50
A3T 2.5 N-FT-PE	800 V	24 A	0.14...2.5 mm ²	Dark Beige	2428840000	50
A3T 2.5 PE	800 V		0.14...2.5 mm ²	green / yellow	2428550000	50
A3T 2.5 VL	800 V	24 A	0.14...2.5 mm ²	Dark Beige	2428540000	25
A3T 2.5 VL BL	800 V	24 A	0.14...2.5 mm ²	Blue	2428850000	25
Accessories						
AEP 3T 2.5				Dark Beige	2428560000	20
AEP 3T 2.5 BL				Blue	2428860000	20

Optimum wiring in confined spaces

Klippon® Connect 2-tier terminal blocks

With the increasing complexity of switchgear, the number of connection points which need to fit in the smallest footprint also increases. Klippon® Connect 2-tier terminal blocks with PUSH IN connection technology offer maximum connection flexibility on an overall width of only 3.5 mm.

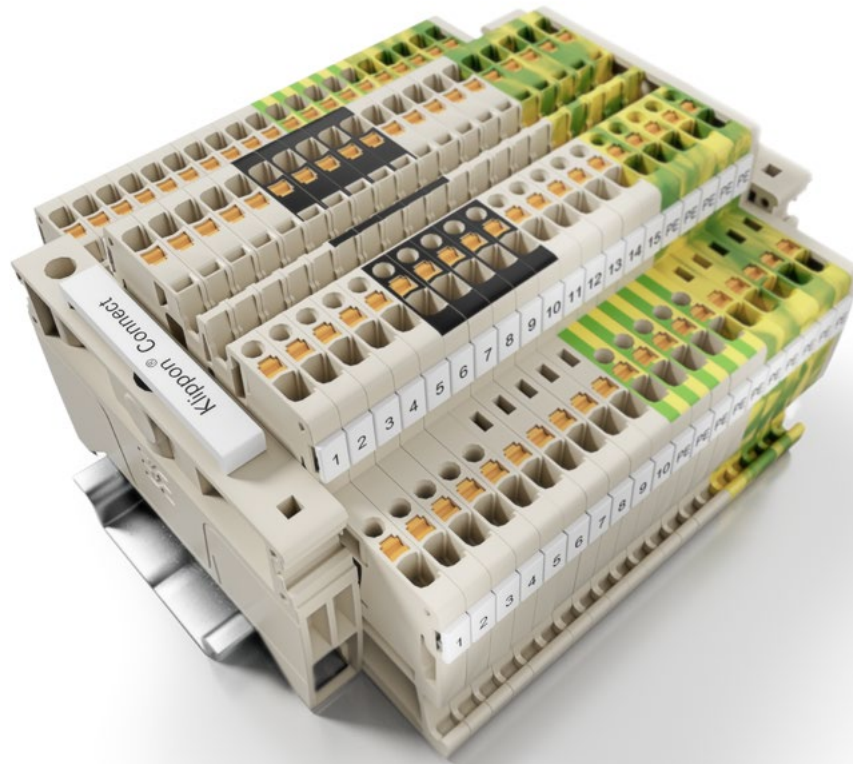
The 2-tier terminal blocks meet the current industry requirements due to their large number of variants and the possibility of connecting three different potentials on a width of only 3.5 mm. Various colours and marking options ensure safe and structured wiring. The smart design and the numerous connection options make the Klippon® Connect 2-tier terminal blocks with PUSH IN technology an all-rounder for a broad range of industrial applications.

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
- Space-saving width of only 3.5 mm
- Clear identification due to large marking areas
- Suitable for many special applications due to different connection functions and colour-coded design

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour	Order No.	Qty.
A2T 1.5	500 V	17.5 A	0.14...1.5 mm ²	Dark Beige	2469370000	50
A2T 1.5 BL	500 V	17.5 A	0.14...1.5 mm ²	Blue	2471430000	50
A2T 1.5 FT-PE	500 V	17.5 A	0.14...1.5 mm ²	Dark Beige	2469390000	50
A2T 1.5 OR	500 V	17.5 A	0.14...1.5 mm ²	Orange	2471440000	50
A2T 1.5 PE	500 V		0.14...1.5 mm ²	green / yellow	2469410000	50
A2T 1.5 VL	500 V	17.5 A	0.14...1.5 mm ²	Dark Beige	2469400000	50
A2T 1.5 VL BL	500 V	17.5 A	0.14...1.5 mm ²	Blue	2471450000	50
A2T 1.5 VL OR	500 V	17.5 A	0.14...1.5 mm ²	Orange	2471460000	50
Accessories						
AEP 2T 1.5				Dark Beige	2469420000	20
AEP 2T 1.5 BL				Blue	2471470000	20



Particularly space-saving

A terminal block is only 3.5 mm wide. Cross connections on each tier permit bridging of the potentials for shorter wiring time.



Large variety

Due to the colour-coded design and the different connection functionality, the terminal blocks are suited to a wide range of specialised applications.



Simplified testing

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



Professional identification

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

Fast, flexible and efficient connection of functional units

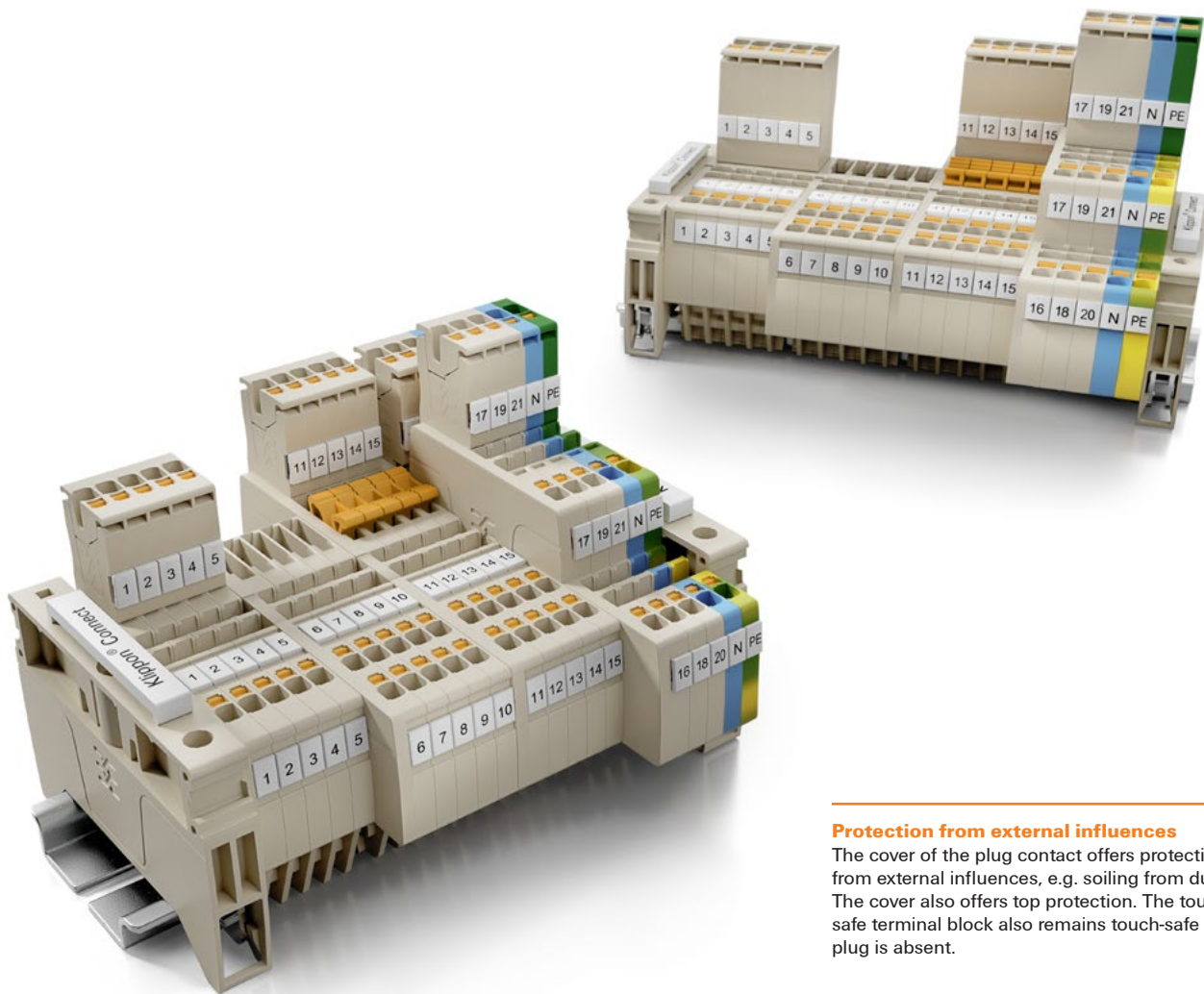
Klippon® Connect modular pluggable terminal blocks

Modular and flexible connection techniques are in demand especially where entire functional units have to be prefabricated or replaced. Pluggable terminal blocks accelerate the 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 the quick and easy exchange of functional units on the panel. The system works reliably even under the harshest conditions, and it is therefore also suitable for railway and ship applications.

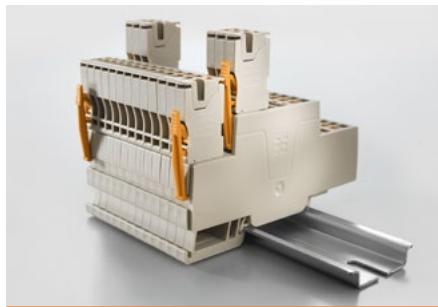
Your special advantages

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



Protection from external influences

The cover of the plug contact offers protection from external influences, e.g. soiling from dust. The cover also offers top protection. The touch-safe terminal block also remains touch-safe if the plug is absent.



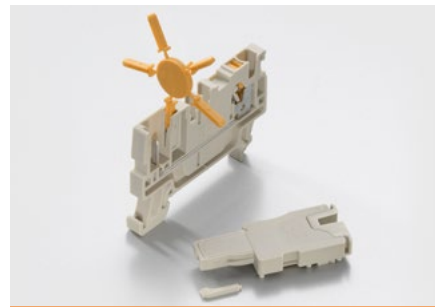
Vibration resistance

All plugs can be connected safely and simply with the base terminal via the locking element. This protects your wiring from inadvertent disconnection of the connector.



Protection against mechanical loading

The strain relief protects the contact against mechanical stress and protects the connector against inadvertent release from the contact point.



Protection against mismating

Through the use of coding pins, individual coding options ensure trouble-free J84 plug-in connection.

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour	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 PE 2C/1	500 V		0.14...1.5 mm ²	green / yellow	2482220000	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 PE 3C/1	500 V		0.14...1.5 mm ²	green / yellow	2482230000	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 4C/2	500 V		0.14...1.5 mm ²	green / yellow	2482240000	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 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 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 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 PE 2C/1	800 V		0.14...2.5 mm ²	green / yellow	1513870000	50
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 PE 3C/1	800 V		0.14...2.5 mm ²	green / yellow	1513890000	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 4C/2	800 V		0.14...2.5 mm ²	green / yellow	1513920000	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 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 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
Accessories						
AEP PGTB 1.5 4C/2				Dark Beige	2482510000	50
AEP PGTB 1.5 4C/2 BL				Blue	2482520000	50
AEP PGTB 2.5 4C/2				Dark Beige	1514450000	50
AEP PGTB 2.5 4C/2 BL				Blue	1514470000	50

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour	Order No.	Qty.
Accessories						
MCV APG 1.5				Dark Beige	2485980000	50
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 1.5/10	500 V	17.5 A	0.14...1.5 mm ²	Dark Beige	2482430000	20
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
MCV APG 2.5				Dark Beige	2035590000	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 2.5/10	800 V	24 A	0.14...2.5 mm ²	Dark Beige	1513770000	20
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

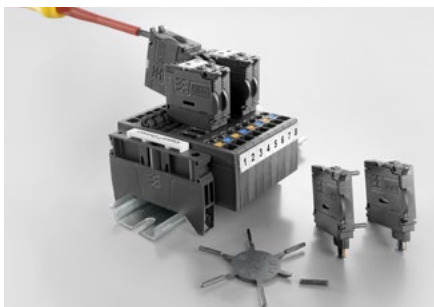
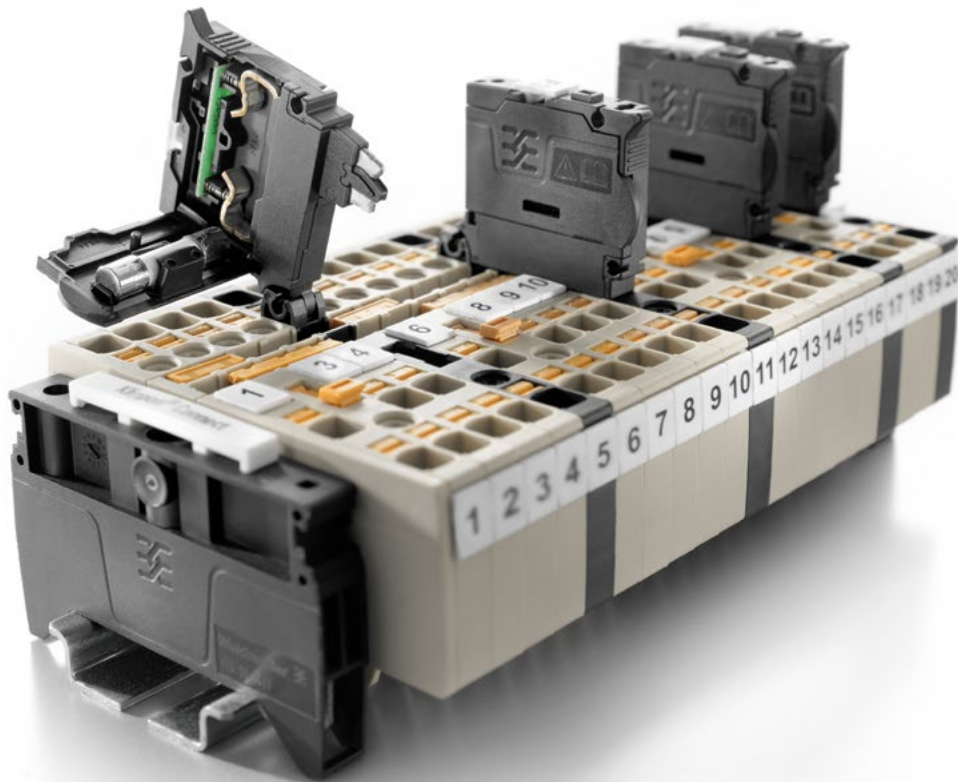
Safety, protection and reliable disconnection of electrical circuits Klippon® Connect combines protective functions and quick assembly

Current protection, disconnection, and voltage distribution are three critical functions inside a panel. To provide optimal protection for staff and machinery, any customisable connection solutions must combine all three aspects within a single system.

The new Klippon® Connect disconnection and fuse terminal blocks with PUSH IN technology offer passive current protection in combination with both disconnection and voltage distribution. The terminal blocks from our universal range can be used easily for various protective functions in an extremely wide range of industrial applications. Their compact dimensions enable flexible installation, even in confined spaces. To remove the fuse holder, only a standard screwdriver is required.

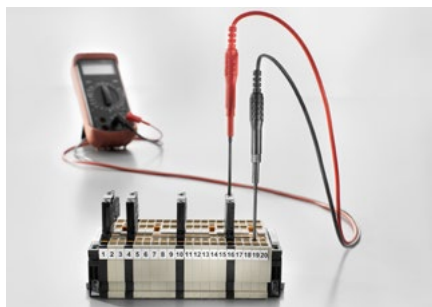
Your special advantages

- Fixed, captive fuse holder
- Combinable fuse holders for simultaneous opening / closing of 2-pole circuits
- Integrated test point for easy troubleshooting / maintenance with a 2.0 mm standard testing plug
- Multifunctional disconnect section for use of different accessories like disconnect lever or fuse plugs



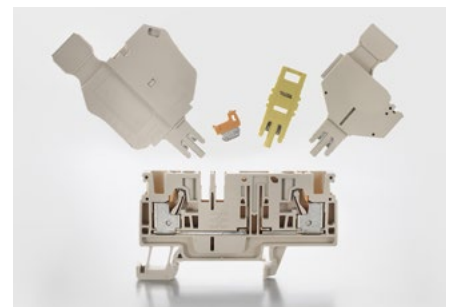
Attached fuse holder

Each fuse holder is attached to a terminal block with a hinge. This means that it will not go missing when the circuit is disconnected or when a fuse is replaced.



Integrated test point

The integrated test point simplifies troubleshooting and maintenance: Any required measurements can be performed with a standard 2.0 mm testing plug.



Multifunctional disconnect section

The customer is able to use different accessories like disconnect lever or fuse plugs because of the standardised disconnect section.

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour	Order No.	Qty.
A3C 4	800 V	32 A	0.5...4 mm ²	Dark Beige	2051240000	50
A3C 4 BK	800 V	32 A	0.5...4 mm ²	Black	2051400000	50
A3C 4 BL	800 V	32 A	0.5...4 mm ²	Blue	2051280000	50
A3C 4 BR	800 V	32 A	0.5...4 mm ²	Brown	2534290000	50
A3C 4 DBL	800 V	32 A	0.5...4 mm ²	Dark Blue	2534360000	50
A3C 4 GN	800 V	32 A	0.5...4 mm ²	Green	2051350000	50
A3C 4 LTGY	800 V	32 A	0.5...4 mm ²	Light Grey	2051460000	50
A3C 4 OR	800 V	32 A	0.5...4 mm ²	Orange	2051320000	50
A3C 4 PE	800 V		0.5...4 mm ²	green / yellow	2051410000	50
A3C 4 RD	800 V	32 A	0.5...4 mm ²	Red	2051300000	50
A3C 4 WT	800 V	32 A	0.5...4 mm ²	White	2051370000	50
A3C 4 YL	800 V	32 A	0.5...4 mm ²	Yellow	2051340000	50
ADT 4 2C	500 V	24 A	0.5...4 mm ²	Dark Beige	2429850000	50
ADT 4 2C BL	500 V	24 A	0.5...4 mm ²	Blue	2429880000	50
ADT 4 2C OR	500 V	24 A	0.5...4 mm ²	Orange	2429890000	50
AFS 4 2C BK	250 V	6.3 A	0.5...4 mm ²	Black	2429860000	50
AFS 4 2C BK/BL	250 V	6.3 A	0.5...4 mm ²	Black	2548140000	50
AFS 4 2C 10-36V BK	36 V	6.3 A	0.5...4 mm ²	Black	2429870000	50
AFS 4 2C 60-150V BK	150 V	6.3 A	0.5...4 mm ²	Black	2434380000	50
AFS 4 2C 100-250V BK	250 V	6.3 A	0.5...4 mm ²	Black	2434390000	50
AFS 4 2C 30-70V BK	70 V	6.3 A	0.5...4 mm ²	Black	2434350000	50
Accessories						
AEP 3C 4				Dark Beige	2051720000	20
AEP 3C 4 BK				Black	2486640000	20
AEP 3C 4 BL				Blue	2051880000	20
AEP 3C 4 OR				Orange	2051890000	20

Reliable and efficient power supply

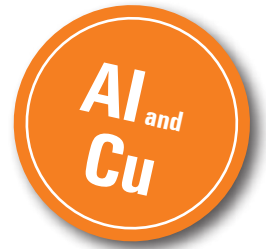
Convenient connection with Klippon® Connect

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.

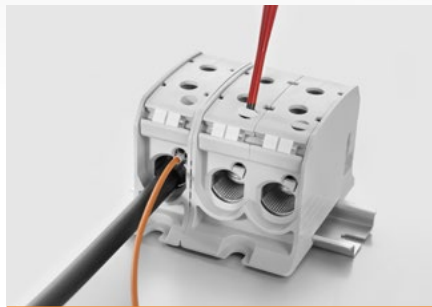
Klippon® Connect power feed-in terminal blocks WPD are the pioneering solution for power feed-in with aluminium and copper conductors. They allow easy and safe installation of aluminium and copper conductors on a small footprint. An auxiliary power supply or monitoring connection can be used optionally. 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



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



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.

Technical data

Type	Clamping range, stranded max., Input	Clamping range, stranded max., output	Rated voltage DC	Approvals	Order No.	Qty.
WPD 104 1x25+1x16/2x16+3x10 BL	25 mm ²	16 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	2518250000	1
WPD 104 1x25+1x16/2x16+3x10 GY	25 mm ²	16 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	1562000000	1
WPD 204 2X25/4X16+6X10 2XBL	25 mm ²	16 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	2518330000	1
WPD 204 2X25/4X16+6X10 2XGY	25 mm ²	16 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	1562150000	1
WPD 304 3X25/6X16+9X10 3XBL	25 mm ²	16 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	2518340000	1
WPD 304 3X25/6X16+9X10 3XGY	25 mm ²	16 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	1562160000	1
WPD 105 1x35+1x16/2x25+3x16 BL	35 mm ²	25 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	2518540000	1
WPD 105 1x35+1x16/2x25+3x16 GY	35 mm ²	25 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	1562170000	1
WPD 205 2X35/4X25+6X16 2XBL	35 mm ²	25 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	2519470000	1
WPD 205 2X35/4X25+6X16 2XGY	35 mm ²	25 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	1562180000	1
WPD 305 3X35/6X25+9X16 3XBL	35 mm ²	25 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	2521770000	1
WPD 305 3X35/6X25+9X16 3XGY	35 mm ²	25 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	1562190000	1
WPD 106 1X70/2X25+3X16 BL	70 mm ²	25 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	2518570000	1
WPD 106 1X70/2X25+3X16 GY	70 mm ²	25 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	1562210000	1
WPD 107 1X95/2X35+8X25 BL	95 mm ²	25 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	2521730000	1
WPD 107 1X95/2X35+8X25 GY	95 mm ²	25 mm ²	1000 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	1562220000	1
WPD 108 1X120/2X35+3X25+4X16 BL	120 mm ²	35 mm ²	1500 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	2519480000	1
WPD 108 1X120/2X35+3X25+4X16 GY	120 mm ²	35 mm ²	1500 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	1562100000	1
WPD 109 1X185/2X35+3X25+4X16 BL	185 mm ²	35 mm ²	1500 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	2519490000	1
WPD 109 1X185/2X35+3X25+4X16 GY	185 mm ²	35 mm ²	1500 V DC	cCSAus; EAC; UR; VDE; ATEX; IECEx	1562090000	1

The secure and efficient way of distributing power

Klippon® Connect provides the required flexibility

With increasing automation, the number of three-phase-motors, whose connections must be accommodated on the panel also increases. The unique three-tier design of the new Klippon® Connect AMC motor terminals enables a secure motor connection in a confined space.

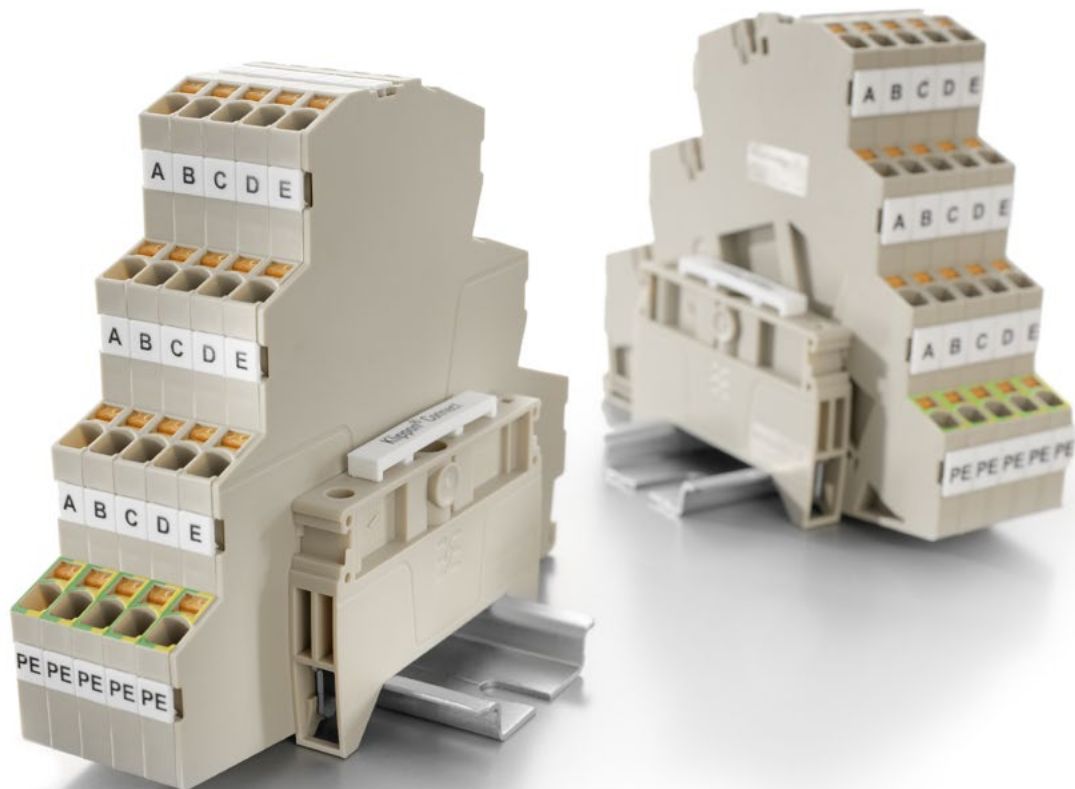
Klippon® Connect motor connection terminals AMC stand out with their compact design and proven PUSH IN technology for fast and safe wiring of three-phase motors in confined spaces. Due to an additional vertical connector, the single tiers can be interconnected such that the motor connection terminals can also be used as potential distributors, enabling extremely space-saving solutions for a wide range of applications.

Your special advantages

- Testing point on each tier for control measurements using a 2.0 mm standard test plug
- Particularly efficient potential distribution whenever multiple tiers are connected
- Designed for applications up to 800 V due to integrated end plate
- Optional wiring of three potentials and one PE on the same terminal block at a width of just 5.1 mm

Technical data

Type	Rated voltage	Rated current	Clamping range, min. / max.	Colour	Order No.	Qty.
AMC 2.5 800V	800 V	22 A	0.14...2.5 mm ²	Dark Beige	2434370000	50
AMC 2.5	690 V	22 A	0.14...2.5 mm ²	Dark Beige	2434340000	50
Accessories						
AEP MC 2.5				Dark Beige	2433820000	25



Applications up to 800 V

With its integrated end plate, the terminal blocks can handle applications up to 800 V.



Testing point on each tier

The terminal blocks allow the recording of control measurements on each tier directly through standard 2.0 mm test plug.



Optimal level connection

The terminal blocks enable efficient potential distribution whenever multiple tiers are connected.



Time and space saving

Fast motor connection due to PUSH IN connection with an optional wiring of three potentials and a PE on the same terminal block on a width of just 5.1 mm.

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.

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.weidmuller.com/dseries-pushin



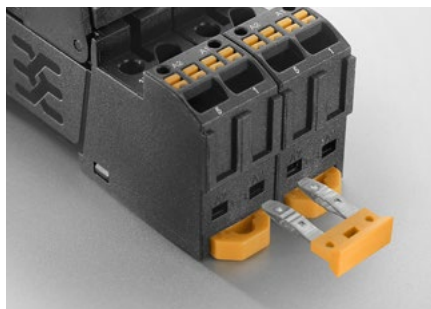
Let's connect.

Technical data

Type	Contact type	Rated switching voltage	Continuous current	Wire connection method	Version	Order No.	Qty.
Relay sockets for DRI relays							
SDI 1CO P	1 CO contact	250 V AC	12 A	PUSH IN with actuator		7760056364	20
SDI 2CO P	2 CO contact	250 V AC	8 A	PUSH IN with actuator		7760056365	20
Relay sockets for DRM relays							
SCM 2CO P	2 CO contact	250 V AC	12 A	PUSH IN with actuator		7760056362	10
SCM 4CO P	4 CO contact	250 V AC	6 A	PUSH IN with actuator		7760056363	10
Cross connection for relay sockets with PUSH IN connections SDI and SCM							
SCM/SDI P CC						7760056366	10
Plastic retaining clip for relay sockets SDI							
SDI CLIP P						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						7760056367	10



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.

Transfer energy safely in high voltage applications

HV 2700 and HV 4000 for reliable connections up to 4 kV

In areas such as railway technology, the safety, reliability and efficiency of all connection components are important. With our new high-voltage terminals HV 2700 and HV 4000 we provide a flexible solution for all energy interfaces in the voltage range up to 4 kV.

The high-voltage terminals HV 2700 and HV 4000 are part of a scalable, modular system with a wide range of possible applications. It's ring cable lug connection technology is proven in railway technology and well known in applications worldwide. The high-voltage terminals comply with the requirements of the specialist standards EN 50155, EN 50124-1, EN 45545, IEC 61373. Continuous product testing and constant development ensure high quality.



Your special advantages

- Compact design
- Low weight
- Good performance
- Convenient handling
- Improved product features through innovative material
- Modular design for customer-specific requirements

Technical data

Type	Width / Length / Height	Continuous operating temperature	Rated voltage / Rated current	Rated connection	Tightening torque	Order No.	Qty.
HV2700/2-M12 F	180 / 220 / 90 mm	-50...130 °C	2700 V / 500 A	10...185 mm ²	33...35 Nm	2540680000	1
HV2700/3-M12 F	240 / 220 / 90 mm	-50...130 °C	2700 V / 500 A	10...185 mm ²	33...35 Nm	2540690000	1
HV4000/2-M12 F	180 / 220 / 96.1 mm	-50...130 °C	4000 V / 500 A	10...240 mm ²	63...65 Nm	2496040000	1
HV4000/3-M12 F	240 / 220 / 96.1 mm	-50...130 °C	4000 V / 500 A	10...240 mm ²	63...65 Nm	2496050000	1

Protect your photovoltaic systems against surge damages

VARITECTOR PU PV: Surge protection with latest technology

PV systems are installed in exposed locations and are directly compromised by environmental influences. Therefore, the probability of a lightning impact that causes surge damage is high. Costly repairs, system downtimes and loss of revenues are the result.

Reliable overvoltage protection with future-proof performance ensures the profitability of PV systems in the long-term. PV inverters and the related infrastructure are well protected by VARITECTOR PU PV in accordance with the latest IEC and UL standards. VARITECTOR PU PV products are particularly powerful, compact and intended for use in PV systems with up to 1,500 V.



Your special advantages

- Full protection for classes I and II in systems with 1,000 and 1,500 V
- Maximum short-circuit strength up to 11 kA of the possible short-circuit current
- Plug-in modules for fast and cost-efficient exchange even of single devices
- Safe operation up to 4,000 m – without the need for additional risk assessment

Technical data

Type	PV system voltage, max. U_{PV}	Requirements class	Discharge current, max. (8/20 μ s)	Short-circuit resistance I_{SCP}	Order No.	Qty.
VPU PV II 3 R 1000	1100 V	Type II	40 kA	11000 A	2530180000	1
VPU PV II 3 1000	1100 V	Type II	40 kA	11000 A	2530550000	1
VPU PV II 0 1000	1100 V	Type II	40 kA	11000 A	2530660000	1
VPU PV II 3 R 1500	1500 V	Type II	30 kA	11000 A	2530650000	1
VPU PV II 3 1500	1500 V	Type II	30 kA	11000 A	2530640000	1
VPU PV II 0 1500	1500 V	Type II	30 kA	11000 A	2530630000	1
VPU PV I+II 3 R 1000	1100 V	Type I/II	40 kA	11000 A	2530620000	1
VPU PV I+II 3 1000	1100 V	Type I/II	40 kA	11000 A	2530610000	1
VPU PV I+II 0 1000	1100 V	Type I/II	40 kA	11000 A	2530600000	1
VPU PV I+II 0M 1000	1000 V	Type I/II	40 kA	11000 A	2534300000	1
VPU PV I+II 3 R 1500	1500 V	Type I/II	30 kA	11000 A	2530590000	1
VPU PV I+II 3 1500	1500 V	Type I/II	30 kA	11000 A	2530580000	1
VPU PV I+II 0 1500	1500 V	Type I/II	30 kA	11000 A	2530570000	1
VPU PV I+II 0M 1500	1500 V	Type I/II	30 kA	11000 A	2534330000	1

Effective and efficient cooling systems for control cabinets

Filter fans with low energy consumption and optimised performance

Growing digitisation increases the proportion of active electronics in control cabinets, leading to higher density of the electronics within. Our filter fans enable efficient heat dissipation and thus increase the life expectancy of your electronic components.

Due to their lower energy consumption with an increased air flow rate, our filter fans ensure a safe and economical cooling of your control cabinet. In addition, the folded filter mat IP55 has a service life three times as long as conventional filter mats due to its larger surface area. Sophisticated details such as the snap mechanism at all four corners or the functional flap cover allow for a quick, tool-free assembly, and thus save time and money.



Your special advantages

- Optimised energy consumption through a greater air flow rate with lower power consumption
- Up to three times longer service life with the innovative folded filter mat IP55
- Four-corner snap mechanism for quick and tool-free assembly
- Easy-to-use flap cover for quick and uncomplicated filter mat changing



www.weidmueller.com/filterfans

Technical data

Type	Supply voltage	Protection degree	Colour	Order No.	Qty.
Exhaust filter					
EF 10 54/ BK		IP54	Black	2557080000	1
EF 10 54/ GY		IP54	Grey	2557070000	1
EF 20 54/ BK		IP54	Black	2557100000	1
EF 20 54/ GY		IP54	Grey	2557090000	1
EF 20 55/ BK		IP55	Black	2557120000	1
EF 20 55/ GY		IP55	Grey	2557110000	1
EF 30 54/ BK		IP54	Black	2557140000	1
EF 30 54/ GY		IP54	Grey	2557130000	1
EF 30 55/ BK		IP55	Black	2557160000	1
EF 30 55/ GY		IP55	Grey	2557150000	1
EF 40 54/ BK		IP54	Black	2557180000	1
EF 40 54/ GY		IP54	Grey	2557170000	1
EF 40 55/ BK		IP55	Black	2557200000	1
EF 40 55/ GY		IP55	Grey	2557190000	1
EF 60 54/ BK		IP54	Black	2557220000	1
EF 60 54/ GY		IP54	Grey	2557210000	1
EF 60 55/ BK		IP55	Black	2557240000	1
EF 60 55/ GY		IP55	Grey	2557230000	1
Exhaust filter EMC					
EF-EMC 10 54/ BK		IP54	Black	2557560000	1
EF-EMC 10 54/ GY		IP54	Grey	2557550000	1
EF-EMC 20 54/ BK		IP54	Black	2557580000	1
EF-EMC 20 54/ GY		IP54	Grey	2557570000	1
EF-EMC 20 55/ BK		IP55	Black	2557600000	1
EF-EMC 20 55/ GY		IP55	Grey	2557590000	1
EF-EMC 30 54/ BK		IP54	Black	2557620000	1
EF-EMC 30 54/ GY		IP54	Grey	2557610000	1
EF-EMC 30 55/ BK		IP55	Black	2557640000	1
EF-EMC 30 55/ GY		IP55	Grey	2557630000	1
EF-EMC 40 54/ BK		IP54	Black	2557660000	1
EF-EMC 40 54/ GY		IP54	Grey	2557650000	1
EF-EMC 40 55/ BK		IP55	Black	2557680000	1
EF-EMC 40 55/ GY		IP55	Grey	2557670000	1
EF-EMC 60 54/ BK		IP54	Black	2557700000	1
EF-EMC 60 54/ GY		IP54	Grey	2557690000	1
EF-EMC 60 55/ BK		IP55	Black	2557720000	1
EF-EMC 60 55/ GY		IP55	Grey	2557710000	1
Filter fan					
FF 11 54/230V BK	230...230 V	IP54	Black	2556590000	1
FF 11 54/230V GY	230...230 V	IP54	Grey	2556590000	1
FF 22 54/230V BK	230...230 V	IP54	Black	2556630000	1
FF 22 54/230V GY	230...230 V	IP54	Grey	2556620000	1
FF 22 55/230V BK	230...230 V	IP55	Black	2556650000	1
FF 22 55/230V GY	230...230 V	IP55	Grey	2556640000	1
FF 32 54/230V BK	230...230 V	IP54	Black	2556690000	1
FF 32 54/230V GY	230...230 V	IP54	Grey	2556680000	1
FF 32 55/230V BK	230...230 V	IP55	Black	2556710000	1
FF 32 55/230V GY	230...230 V	IP55	Grey	2556700000	1
FF 42 54/230V BK	230...230 V	IP54	Black	2556760000	1
FF 42 54/230V GY	230...230 V	IP54	Grey	2556750000	1
FF 42 55/230V BK	230...230 V	IP55	Black	2556780000	1
FF 42 55/230V GY	230...230 V	IP55	Grey	2556770000	1

Technical data

Type	Supply voltage	Protection degree	Colour	Order No.	Qty.
Filter fan					
FF 43 54/230V BK	230...230 V	IP54	Black	2556830000	1
FF 43 54/230V GY	230...230 V	IP54	Grey	2556820000	1
FF 43 55/230V BK	230...230 V	IP55	Black	2556850000	1
FF 43 55/230V GY	230...230 V	IP55	Grey	2556840000	1
FF 65 54/230V BK	230...230 V	IP54	Black	2556880000	1
FF 65 54/230V GY	230...230 V	IP54	Grey	2556870000	1
FF 65 55/230V BK	230...230 V	IP55	Black	2556900000	1
FF 65 55/230V GY	230...230 V	IP55	Grey	2556890000	1
FF 66 54/230V BK	230...230 V	IP54	Black	2556920000	1
FF 66 54/230V GY	230...230 V	IP54	Grey	2556910000	1
FF 66 55/230V BK	230...230 V	IP55	Black	2556940000	1
FF 66 55/230V GY	230...230 V	IP55	Grey	2556930000	1
FF 67 54/230V BK	230...230 V	IP54	Black	2556960000	1
FF 67 54/230V GY	230...230 V	IP54	Grey	2556950000	1
FF 67 55/230V BK	230...230 V	IP55	Black	2556980000	1
FF 67 55/230V GY	230...230 V	IP55	Grey	2556970000	1
Filter fan EMC					
FF-EMC 11 54/230V BK	230...230 V	IP54	Black	2557260000	1
FF-EMC 11 54/230V GY	230...230 V	IP54	Grey	2557250000	1
FF-EMC 22 54/230V BK	230...230 V	IP54	Black	2557280000	1
FF-EMC 22 54/230V GY	230...230 V	IP54	Grey	2557270000	1
FF-EMC 22 55/230V BK	230...230 V	IP55	Black	2557300000	1
FF-EMC 22 55/230V GY	230...230 V	IP55	Grey	2557290000	1
FF-EMC 32 54/230V BK	230...230 V	IP54	Black	2557320000	1
FF-EMC 32 54/230V GY	230...230 V	IP54	Grey	2557310000	1
FF-EMC 32 55/230V BK	230...230 V	IP55	Black	2557340000	1
FF-EMC 32 55/230V GY	230...230 V	IP55	Grey	2557330000	1
FF-EMC 42 54/230V BK	230...230 V	IP54	Black	2557360000	1
FF-EMC 42 54/230V GY	230...230 V	IP54	Grey	2557350000	1
FF-EMC 42 55/230V BK	230...230 V	IP55	Black	2557380000	1
FF-EMC 42 55/230V GY	230...230 V	IP55	Grey	2557370000	1
FF-EMC 43 54/230V BK	230...230 V	IP54	Black	2557400000	1
FF-EMC 43 54/230V GY	230...230 V	IP54	Grey	2557390000	1
FF-EMC 43 55/230V BK	230...230 V	IP55	Black	2557420000	1
FF-EMC 43 55/230V GY	230...230 V	IP55	Grey	2557410000	1
FF-EMC 65 54/230V BK	230...230 V	IP54	Black	2557440000	1
FF-EMC 65 54/230V GY	230...230 V	IP54	Grey	2557430000	1
FF-EMC 65 55/230V BK	230...230 V	IP55	Black	2557460000	1
FF-EMC 65 55/230V GY	230...230 V	IP55	Grey	2557450000	1
FF-EMC 66 54/230V BK	230...230 V	IP54	Black	2557480000	1
FF-EMC 66 54/230V GY	230...230 V	IP54	Grey	2557470000	1
FF-EMC 66 55/230V BK	230...230 V	IP55	Black	2557500000	1
FF-EMC 66 55/230V GY	230...230 V	IP55	Grey	2557490000	1
FF-EMC 67 54/230V BK	230...230 V	IP54	Black	2557520000	1
FF-EMC 67 54/230V GY	230...230 V	IP54	Grey	2557510000	1
FF-EMC 67 55/230V BK	230...230 V	IP55	Black	2557540000	1
FF-EMC 67 55/230V GY	230...230 V	IP55	Grey	2557530000	1

Technical data

Type	Supply voltage	Protection degree	Colour	Order No.	Qty.
Filter fan filter mat					
FF-FIMT 11 54		IP54	White	2556600000	5
FF-FIMT 2x 54		IP54	White	2556660000	5
FF-FIMT 2x 55		IP55	White	2556670000	5
FF-FIMT 3x 54		IP54	White	2556720000	5
FF-FIMT 3x 55		IP55	White	2556730000	5
FF-FIMT 4x 54		IP54	White	2556790000	5
FF-FIMT 4x 55		IP55	White	2556800000	5
FF-FIMT 6x 55		IP55	White	2557050000	5
Roof filter fan filter mat					
RFF-FIMT 605x 54		IP54	Black	2557750000	20
RFF-FIMT 607/610 54		IP54	White	2557790000	20
Slimline filter fan					
FF-SL 65 55/230V BK	230...230 V	IP55	Black	2557010000	1
FF-SL 65 55/230V GY	230...230 V	IP55	Grey	2557000000	1
FF-SL 67 55/230V BK	230...230 V	IP55	Black	2557040000	1
FF-SL 67 55/230V GY	230...230 V	IP55	Grey	2557030000	1
Filter fan replacement part					
FF-SP 11/230V	230...230 V		Black	2556610000	1
FF-SP 3x/230V	230...230 V		Black	2556740000	1
FF-SP 43/230V	230...230 V		Black	2556860000	1
FF-SP 4x/230V	230...230 V		Black	2556810000	1
FF-SP 65/230V	230...230 V		Black	2557020000	1
FF-SP 67/230V	230...230 V		Black	2556990000	1
FF-SP 67/230V SL	230...230 V		Black	2557060000	1
Heating panel fan with plug					
FH-TCO 1000W 230V BK	230...230 V	IP20	Black	2558070000	1
FH-TCO 1200W 230V BK	230...230 V	IP20	Black	2558080000	1
FH-TCO 200W 230V BK	230...230 V	IP20	Black	2558010000	1
FH-TCO 250W 230V	230...230 V	IP20	Silver	2557990000	1
FH-TCO 300W 230V BK	230...230 V	IP20	Black	2558020000	1
FH-TCO 400W 230V	230...230 V	IP20	Silver	2558000000	1
FH-TCO 400W 230V BK	230...230 V	IP20	Black	2558030000	1
FH-TCO 500W 230V BK	230...230 V	IP20	Black	2558040000	1
FH-TCO 650W 230V BK	230...230 V	IP20	Black	2558050000	1
FH-TCO 800W 230V BK	230...230 V	IP20	Black	2558060000	1

Technical data

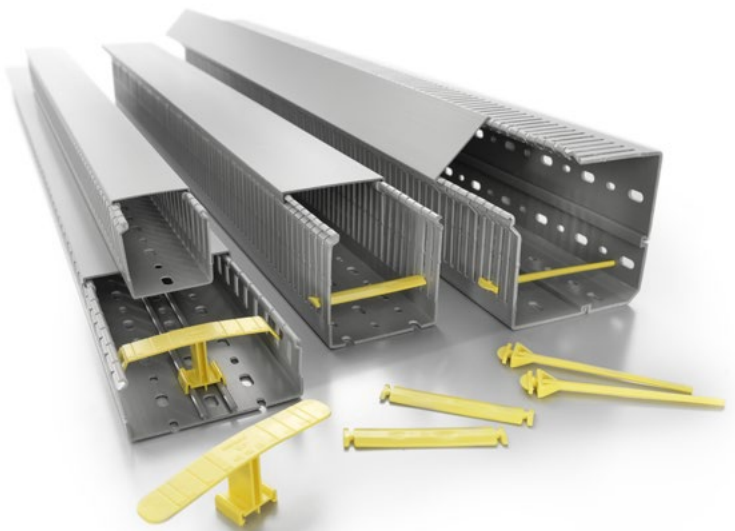
Type	Supply voltage	Protection degree	Colour	Order No.	Qty.
Heating panel fan with thermostat					
FH-TH 1000W 230V BK	230...230 V	IP20	Black	2558150000	1
FH-TH 1200W 230V BK	230...230 V	IP20	Black	2558160000	1
FH-TH 200W 230V BK	230...230 V	IP20	Black	2558090000	1
FH-TH 300W 230V BK	230...230 V	IP20	Black	2558100000	1
FH-TH 400W 230V BK	230...230 V	IP20	Black	2558110000	1
FH-TH 500W 230V BK	230...230 V	IP20	Black	2558120000	1
FH-TH 650W 230V BK	230...230 V	IP20	Black	2558130000	1
FH-TH 800W 230V BK	230...230 V	IP20	Black	2558140000	1
Roof fan filter					
REF 600 33/ GY		IP33	Grey	2557850000	1
REF 600 54/ GY		IP54	Grey	2557840000	1
Roof filter fan					
RFF 605 33/230V GY	230...230 V	IP33	Grey	2557740000	1
RFF 605 54/230V GY	230...230 V	IP54	Grey	2557730000	1
RFF 607 33/230V GY	230...230 V	IP33	Grey	2557780000	1
RFF 607 54/230V GY	230...230 V	IP54	Grey	2557770000	1
RFF 610 33/230V GY	230...230 V	IP33	Grey	2557820000	1
RFF 610 54/230V GY	230...230 V	IP54	Grey	2557810000	1
Roof filter fan, replacement part					
RFF-SP 605/230V	230...230 V		Black	2557760000	1
RFF-SP 607/230V	230...230 V		Black	2557800000	1
RFF-SP 66/610/230V	230...230 V		Black	2557830000	1
Radiant heating panel with cable					
RH-CBCO 100W 110-250V	110...250 V		Silver	2557940000	1
RH-CBCO 10W 110-250V BK	110...250 V	IP54	Black	2557860000	1
RH-CBCO 150W 110-250V	110...250 V		Silver	2557950000	1
RH-CBCO 20W 110-250V BK	110...250 V	IP54	Black	2557870000	1
RH-CBCO 30W 110-250V	110...250 V		Silver	2557890000	1
RH-CBCO 30W 110-250V BK	110...250 V	IP54	Black	2557880000	1
RH-CBCO 45W 110-250V	110...250 V		Silver	2557900000	1
RH-CBCO 75W 110-250V	110...250 V		Silver	2557930000	1
Radiant heating panel with plug					
RH-TCO 100W 110-250V	110...250 V		Silver	2557970000	1
RH-TCO 150W 110-250V	110...250 V		Silver	2557980000	1
RH-TCO 30W 110-250V	110...250 V		Silver	2557910000	1
RH-TCO 45W 110-250V	110...250 V		Silver	2557920000	1
RH-TCO 75W 110-250V	110...250 V		Silver	2557960000	1
Thermostat					
THSW 0°+60°C NC			grey white	2558230000	1
THSA 0°+60°C NO/NO			grey white	2558260000	1
THSW 0°+60°C NO			grey white	2558240000	1
THSA 0°+60°C NC/NO			grey white	2558250000	1
THSW 1K 0°+60°C CO			grey white	2558190000	1
THSW 1K -20°+40°C CO			grey white	2558170000	1
THSW -20°+40°C NC			grey white	2558210000	1
THSW -20°+40°C NO			grey white	2558220000	1
THSW 3K 0°+60°C CO			grey white	2558200000	1
THSW 3K -20°+40°C CO			grey white	2558180000	1
Humidity switch					
HYSW 40-90% r.F. CO		IP20	grey white	2558270000	1
Humidity switch temperature					
HYTH-SW 40-90% r.F. CO		IP20	grey white	2558280000	1

Sustainable structures for higher flexibility in operation

Cable ducts for organised wire management

Well-structured and protected wiring provides a solid basis for installation, maintenance and safe operation. The high quality of our wiring ducts makes it easier to build up sustainable wire-management structures. We support you from the planning to the commissioning of the control cabinet.

With our broad range of sturdy cable ducts of a consistently high quality, we offer you a flexible and durable cable management system. Practical wire holding lugs to fix already installed conductors, as well as precisely punched holes according to DIN EN 50085-2-3, facilitate accurate installations. The clever closing mechanism allows easy latching and ensures a secure fit for the lid.



Your special advantages

- Sturdy wiring channels without torsion for high-quality and durable cable routing
- Practical wire holding lugs to fix conductors already installed
- Precisely punched holes according to DIN EN 50085-2-3
- Clever closing mechanism for easy latching and a secure fit for the lid



www.weidmueller.com/cableducts

Technical data

Type	Product type	Height / Width	Slit width / Slit gap	Length	Order No.	Qty.
Metric wiring duct; slit width 8, slit clearance 12						
CD 80X80 8/12 GY	Cable duct	80 / 80 mm	8.00 mm / 12.00 mm	2000 mm	2588770000	24 m
CD 80X60 8/12 GY	Cable duct	80 / 60 mm	8.00 mm / 12.00 mm	2000 mm	2588700000	24 m
CD 80X40 8/12 GY	Cable duct	80 / 40 mm	8.00 mm / 12.00 mm	2000 mm	2588610000	24 m
CD 80X25 8/12 GY	Cable duct	80 / 25 mm	8.00 mm / 12.00 mm	2000 mm	2588530000	32 m
CD-BO 80X200 8/12 GY	Cable duct	80 / 200 mm	8.00 mm / 12.00 mm	2000 mm	2589030000	8 m
CD-BO 80X150 8/12 GY	Cable duct	80 / 150 mm	8.00 mm / 12.00 mm	2000 mm	2588970000	12 m
CD-BO 80X120 8/12 GY	Cable duct	80 / 120 mm	8.00 mm / 12.00 mm	2000 mm	2588920000	16 m
CD 80X100 8/12 GY	Cable duct	80 / 100 mm	8.00 mm / 12.00 mm	2000 mm	2588840000	16 m
CD 60X80 8/12 GY	Cable duct	60 / 80 mm	8.00 mm / 12.00 mm	2000 mm	2588750000	24 m
CD 60X60 8/12 GY	Cable duct	60 / 60 mm	8.00 mm / 12.00 mm	2000 mm	2588680000	24 m
CD 60X40 8/12 GY	Cable duct	60 / 40 mm	8.00 mm / 12.00 mm	2000 mm	2588600000	36 m
CD 60X25 8/12 GY	Cable duct	60 / 25 mm	8.00 mm / 12.00 mm	2000 mm	2588510000	40 m
CD-BO 60X200 8/12 GY	Cable duct	60 / 200 mm	8.00 mm / 12.00 mm	2000 mm	2589010000	8 m
CD-BO 60X150 8/12 GY	Cable duct	60 / 150 mm	8.00 mm / 12.00 mm	2000 mm	2588960000	12 m
CD-BO 60X120 8/12 GY	Cable duct	60 / 120 mm	8.00 mm / 12.00 mm	2000 mm	2588910000	16 m
CD 60X100 8/12 GY	Cable duct	60 / 100 mm	8.00 mm / 12.00 mm	2000 mm	2588820000	20 m
CD 40X80 8/12 GY	Cable duct	40 / 80 mm	8.00 mm / 12.00 mm	2000 mm	2588730000	24 m
CD 40X60 8/12 GY	Cable duct	40 / 60 mm	8.00 mm / 12.00 mm	2000 mm	2588660000	24 m
CD 40X40 8/12 GY	Cable duct	40 / 40 mm	8.00 mm / 12.00 mm	2000 mm	2588580000	40 m
CD 40X25 8/12 GY	Cable duct	40 / 25 mm	8.00 mm / 12.00 mm	2000 mm	2588490000	60 m
CD-BO 40X120 8/12 GY	Cable duct	40 / 120 mm	8.00 mm / 12.00 mm	2000 mm	2588890000	20 m
CD-BO 40X100 8/12 GY	Cable duct	40 / 100 mm	8.00 mm / 12.00 mm	2000 mm	2588800000	16 m
CD 30X60 8/12 GY	Cable duct	30 / 60 mm	8.00 mm / 12.00 mm	2000 mm	2588650000	32 m
CD 30X40 8/12 GY	Cable duct	30 / 40 mm	8.00 mm / 12.00 mm	2000 mm	2588560000	48 m
CD 30X25 8/12 GY	Cable duct	30 / 25 mm	8.00 mm / 12.00 mm	2000 mm	2588450000	80 m
CD 150X100 8/12 GY	Cable duct	150 / 100 mm	8.00 mm / 12.00 mm	2000 mm	2588870000	8 m
CD-BO 100X80 8/12 GY	Cable duct	100 / 80 mm	8.00 mm / 12.00 mm	2000 mm	2588790000	16 m
CD 100X60 8/12 GY	Cable duct	100 / 60 mm	8.00 mm / 12.00 mm	2000 mm	2588720000	16 m
CD 100X40 8/12 GY	Cable duct	100 / 40 mm	8.00 mm / 12.00 mm	2000 mm	2588630000	16 m
CD 100X25 8/12 GY	Cable duct	100 / 25 mm	8.00 mm / 12.00 mm	2000 mm	2588540000	24 m
CD-BO 100X200 8/12 GY	Cable duct	100 / 200 mm	8.00 mm / 12.00 mm	2000 mm	2589040000	8 m
CD-BO 100X150 8/12 GY	Cable duct	100 / 150 mm	8.00 mm / 12.00 mm	2000 mm	2588990000	8 m
CD-BO 100X120 8/12 GY	Cable duct	100 / 120 mm	8.00 mm / 12.00 mm	2000 mm	2588940000	8 m
CD-BO 100X100 8/12 GY	Cable duct	100 / 100 mm	8.00 mm / 12.00 mm	2000 mm	2588850000	16 m
Metric wiring duct; slit width 4, slit clearance 6						
CD 80X80 4/6 GY	Cable duct	80 / 80 mm	4.00 mm / 6.00 mm	2000 mm	2589380000	24 m
CD 80X60 4/6 GY	Cable duct	80 / 60 mm	4.00 mm / 6.00 mm	2000 mm	2589310000	24 m
CD 80X40 4/6 GY	Cable duct	80 / 40 mm	4.00 mm / 6.00 mm	2000 mm	2589240000	24 m
CD 80X25 4/6 GY	Cable duct	80 / 25 mm	4.00 mm / 6.00 mm	2000 mm	2589180000	32 m
CD-BO 80X120 4/6 GY	Cable duct	80 / 120 mm	4.00 mm / 6.00 mm	2000 mm	2589490000	16 m
CD 80X100 4/6 GY	Cable duct	80 / 100 mm	4.00 mm / 6.00 mm	2000 mm	2589440000	16 m
CD 60X80 4/6 GY	Cable duct	60 / 80 mm	4.00 mm / 6.00 mm	2000 mm	2589370000	24 m
CD 60X60 4/6 GY	Cable duct	60 / 60 mm	4.00 mm / 6.00 mm	2000 mm	2589300000	24 m
CD 60X40 4/6 GY	Cable duct	60 / 40 mm	4.00 mm / 6.00 mm	2000 mm	2589230000	36 m
CD 60X25 4/6 GY	Cable duct	60 / 25 mm	4.00 mm / 6.00 mm	2000 mm	2589150000	40 m
CD-BO 60X120 4/6 GY	Cable duct	60 / 120 mm	4.00 mm / 6.00 mm	2000 mm	2589470000	16 m
CD 60X100 4/6 GY	Cable duct	60 / 100 mm	4.00 mm / 6.00 mm	2000 mm	2589420000	20 m
CD 40X80 4/6 GY	Cable duct	40 / 80 mm	4.00 mm / 6.00 mm	2000 mm	2589350000	24 m
CD 40X60 4/6 GY	Cable duct	40 / 60 mm	4.00 mm / 6.00 mm	2000 mm	2589280000	24 m
CD 40X40 4/6 GY	Cable duct	40 / 40 mm	4.00 mm / 6.00 mm	2000 mm	2589210000	40 m
CD 40X25 4/6 GY	Cable duct	40 / 25 mm	4.00 mm / 6.00 mm	2000 mm	2589130000	60 m
CD 40X15 4/6 GY	Cable duct	40 / 15 mm	4.00 mm / 6.00 mm	2000 mm	2589100000	72 m

Type	Product type	Height / Width	Slit width / Slit gap	Length	Order No.	Qty.
Metric wiring duct; slit width 4, slit clearance 6						
CD 30X25 4/6 GY	Cable duct	30 / 25 mm	4.00 mm / 6.00 mm	2000 mm	2589110000	80 m
CD 30X15 4/6 GY	Cable duct	30 / 15 mm	4.00 mm / 6.00 mm	2000 mm	2589080000	96 m
CD 17X15 4/6 GY	Cable duct	17 / 15 mm	4.00 mm / 6.00 mm	2000 mm	2589060000	120 m
CD-BO 100X80 4/6 GY	Cable duct	100 / 80 mm	4.00 mm / 6.00 mm	2000 mm	2589400000	16 m
CD 100X60 4/6 GY	Cable duct	100 / 60 mm	4.00 mm / 6.00 mm	2000 mm	2589330000	16 m
CD 100X40 4/6 GY	Cable duct	100 / 40 mm	4.00 mm / 6.00 mm	2000 mm	2589260000	16 m
CD 100X25 4/6 GY	Cable duct	100 / 25 mm	4.00 mm / 6.00 mm	2000 mm	2589190000	24 m
CD-BO 100X120 4/6 GY	Cable duct	100 / 120 mm	4.00 mm / 6.00 mm	2000 mm	2589500000	8 m
CD-BO 100X100 4/6 GY	Cable duct	100 / 100 mm	4.00 mm / 6.00 mm	2000 mm	2589450000	16 m
DIN wiring duct; slit width 5, slit clearance 7.5						
CD 75X75 5/7.5 GY	Cable duct	75 / 75 mm	5.00 mm / 7.50 mm	2000 mm	2590180000	16 m
CD 75X50 5/7.5 GY	Cable duct	75 / 50 mm	5.00 mm / 7.50 mm	2000 mm	2590150000	24 m
CD 75X37.5 5/7.5 GY	Cable duct	75 / 37.5 mm	5.00 mm / 7.50 mm	2000 mm	2589630000	32 m
CD 75X25 5/7.5 GY	Cable duct	75 / 25 mm	5.00 mm / 7.50 mm	2000 mm	2589580000	32 m
CD 75X125 5/7.5 GY	Cable duct	75 / 125 mm	5.00 mm / 7.50 mm	2000 mm	2590160000	12 m
CD 75X100 5/7.5 GY	Cable duct	75 / 100 mm	5.00 mm / 7.50 mm	2000 mm	2590190000	16 m
CD 50X75 5/7.5 GY	Cable duct	50 / 75 mm	5.00 mm / 7.50 mm	2000 mm	2590170000	24 m
CD 50X50 5/7.5 GY	Cable duct	50 / 50 mm	5.00 mm / 7.50 mm	2000 mm	2590120000	24 m
CD 50X37.5 5/7.5 GY	Cable duct	50 / 37.5 mm	5.00 mm / 7.50 mm	2000 mm	2589610000	32 m
CD 50X25 5/7.5 GY	Cable duct	50 / 25 mm	5.00 mm / 7.50 mm	2000 mm	2589560000	52 m
CD 50X100 5/7.5 GY	Cable duct	50 / 100 mm	5.00 mm / 7.50 mm	2000 mm	2590140000	16 m
CD 37.5X37.5 5/7.5 GY	Cable duct	37.5 / 37.5 mm	5.00 mm / 7.50 mm	2000 mm	2589590000	48 m
CD 37.5X25 5/7.5 GY	Cable duct	37.5 / 25 mm	5.00 mm / 7.50 mm	2000 mm	2589540000	64 m
CD 25X25 5/7.5 GY	Cable duct	25 / 25 mm	5.00 mm / 7.50 mm	2000 mm	2589520000	84 m
Halogen-free wiring duct, slit width 5, slit clearance 7.5						
CD-HF 75X75 5/7.5 LTGY	Halogen-free cable duct	75 / 75 mm	5.00 mm / 7.50 mm	2000 mm	2589830000	16 m
CD-HF 75X75 5/7.5 DKG	Halogen-free cable duct	75 / 75 mm	5.00 mm / 7.50 mm	2000 mm	2589340000	16 m
CD-HF 75X50 5/7.5 LTGY	Halogen-free cable duct	75 / 50 mm	5.00 mm / 7.50 mm	2000 mm	2589780000	24 m
CD-HF 75X50 5/7.5 DKG	Halogen-free cable duct	75 / 50 mm	5.00 mm / 7.50 mm	2000 mm	2589390000	24 m
CD-HF 75X37.5 5/7.5 LTGY	Halogen-free cable duct	75 / 37.5 mm	5.00 mm / 7.50 mm	2000 mm	2589750000	32 m
CD-HF 75X37.5 5/7.5 DKG	Halogen-free cable duct	75 / 37.5 mm	5.00 mm / 7.50 mm	2000 mm	2590090000	32 m
CD-HF 75X25 5/7.5 LTGY	Halogen-free cable duct	75 / 25 mm	5.00 mm / 7.50 mm	2000 mm	2589700000	32 m
CD-HF 75X25 5/7.5 DKG	Halogen-free cable duct	75 / 25 mm	5.00 mm / 7.50 mm	2000 mm	2590010000	32 m
CD-HF 75X125 5/7.5 LTGY	Halogen-free cable duct	75 / 125 mm	5.00 mm / 7.50 mm	2000 mm	2589900000	12 m
CD-HF 75X125 5/7.5 DKG	Halogen-free cable duct	75 / 125 mm	5.00 mm / 7.50 mm	2000 mm	2589270000	12 m
CD-HF 75X100 5/7.5 LTGY	Halogen-free cable duct	75 / 100 mm	5.00 mm / 7.50 mm	2000 mm	2589880000	16 m
CD-HF 75X100 5/7.5 DKG	Halogen-free cable duct	75 / 100 mm	5.00 mm / 7.50 mm	2000 mm	2589290000	16 m
CD-HF 50X75 5/7.5 LTGY	Halogen-free cable duct	50 / 75 mm	5.00 mm / 7.50 mm	2000 mm	2589810000	24 m
CD-HF 50X75 5/7.5 DKG	Halogen-free cable duct	50 / 75 mm	5.00 mm / 7.50 mm	2000 mm	2589360000	24 m
CD-HF 50X50 5/7.5 LTGY	Halogen-free cable duct	50 / 50 mm	5.00 mm / 7.50 mm	2000 mm	2589770000	24 m
CD-HF 50X50 5/7.5 DKG	Halogen-free cable duct	50 / 50 mm	5.00 mm / 7.50 mm	2000 mm	2589410000	24 m
CD-HF 50X37.5 5/7.5 LTGY	Halogen-free cable duct	50 / 37.5 mm	5.00 mm / 7.50 mm	2000 mm	2589730000	32 m
CD-HF 50X37.5 5/7.5 DKG	Halogen-free cable duct	50 / 37.5 mm	5.00 mm / 7.50 mm	2000 mm	2590060000	32 m
CD-HF 50X25 5/7.5 LTGY	Halogen-free cable duct	50 / 25 mm	5.00 mm / 7.50 mm	2000 mm	2589680000	52 m
CD-HF 50X25 5/7.5 DKG	Halogen-free cable duct	50 / 25 mm	5.00 mm / 7.50 mm	2000 mm	2589980000	52 m
CD-HF 50X100 5/7.5 LTGY	Halogen-free cable duct	50 / 100 mm	5.00 mm / 7.50 mm	2000 mm	2589860000	16 m
CD-HF 50X100 5/7.5 DKG	Halogen-free cable duct	50 / 100 mm	5.00 mm / 7.50 mm	2000 mm	2589320000	16 m
CD-HF 37.5X37.5 5/7.5 LTGY	Halogen-free cable duct	37.5 / 37.5 mm	5.00 mm / 7.50 mm	2000 mm	2589720000	48 m
CD-HF 37.5X37.5 5/7.5 DKG	Halogen-free cable duct	37.5 / 37.5 mm	5.00 mm / 7.50 mm	2000 mm	2590040000	48 m
CD-HF 37.5X25 5/7.5 LTGY	Halogen-free cable duct	37.5 / 25 mm	5.00 mm / 7.50 mm	2000 mm	2589660000	64 m
CD-HF 37.5X25 5/7.5 DKG	Halogen-free cable duct	37.5 / 25 mm	5.00 mm / 7.50 mm	2000 mm	2589960000	64 m
CD-HF 25X25 5/7.5 LTGY	Halogen-free cable duct	25 / 25 mm	5.00 mm / 7.50 mm	2000 mm	2589650000	84 m
CD-HF 25X25 5/7.5 DKG	Halogen-free cable duct	25 / 25 mm	5.00 mm / 7.50 mm	2000 mm	2589930000	84 m

Technical data

Type	Product type	Height / Width	Slit width / Slit gap	Length	Order No.	Qty.
Wiring duct floor duct						
CD-COD 90X90 4/6 GY	Cable duct corner duct	90 / 90 mm	4.00 mm / 6.00 mm	2000 mm	2589480000	16 m
CD-BO 80X80 8/12 GY	Cable duct floor duct	80 / 80 mm	8.00 mm / 12.00 mm	2000 mm	2589790000	24 m
CD-BO 80X80 4/6 GY	Cable duct floor duct	80 / 80 mm	4.00 mm / 6.00 mm	2000 mm	2589550000	24 m
CD-BO 80X60 8/12 GY	Cable duct floor duct	80 / 60 mm	8.00 mm / 12.00 mm	2000 mm	2589840000	24 m
CD-BO 80X60 4/6 GY	Cable duct floor duct	80 / 60 mm	4.00 mm / 6.00 mm	2000 mm	2589620000	24 m
CD-BO 80X40 8/12 GY	Cable duct floor duct	80 / 40 mm	8.00 mm / 12.00 mm	2000 mm	2589910000	24 m
CD-BO 80X40 4/6 GY	Cable duct floor duct	80 / 40 mm	4.00 mm / 6.00 mm	2000 mm	2589690000	24 m
CD-BO 80X100 8/12 GY	Cable duct floor duct	80 / 100 mm	8.00 mm / 12.00 mm	2000 mm	2589740000	16 m
CD-BO 80X100 4/6 GY	Cable duct floor duct	80 / 100 mm	4.00 mm / 6.00 mm	2000 mm	2589510000	16 m
CD-BO 60X80 8/12 GY	Cable duct floor duct	60 / 80 mm	8.00 mm / 12.00 mm	2000 mm	2589800000	24 m
CD-BO 60X80 4/6 GY	Cable duct floor duct	60 / 80 mm	4.00 mm / 6.00 mm	2000 mm	2589570000	24 m
CD-BO 60X60 8/12 GY	Cable duct floor duct	60 / 60 mm	8.00 mm / 12.00 mm	2000 mm	2589850000	24 m
CD-BO 60X60 4/6 GY	Cable duct floor duct	60 / 60 mm	4.00 mm / 6.00 mm	2000 mm	2589640000	24 m
CD-BO 60X40 8/12 GY	Cable duct floor duct	60 / 40 mm	8.00 mm / 12.00 mm	2000 mm	2589920000	36 m
CD-BO 60X40 4/6 GY	Cable duct floor duct	60 / 40 mm	4.00 mm / 6.00 mm	2000 mm	2589710000	36 m
CD-BO 60X100 8/12 GY	Cable duct floor duct	60 / 100 mm	8.00 mm / 12.00 mm	2000 mm	2589760000	20 m
CD-BO 60X100 4/6 GY	Cable duct floor duct	60 / 100 mm	4.00 mm / 6.00 mm	2000 mm	2589530000	20 m
CD-BO 40X80 8/12 GY	Cable duct floor duct	40 / 80 mm	8.00 mm / 12.00 mm	2000 mm	2589820000	24 m
CD-BO 40X80 4/6 GY	Cable duct floor duct	40 / 80 mm	4.00 mm / 6.00 mm	2000 mm	2589600000	24 m
CD-BO 40X60 8/12 GY	Cable duct floor duct	40 / 60 mm	8.00 mm / 12.00 mm	2000 mm	2589890000	24 m
CD-BO 40X60 4/6 GY	Cable duct floor duct	40 / 60 mm	4.00 mm / 6.00 mm	2000 mm	2589670000	24 m
CD-COD 110X110 4/6 GY	Cable duct corner duct	110 / 110 mm	4.00 mm / 6.00 mm	2000 mm	2589460000	16 m
Flexible wiring duct						
CD-FLEX 40x40	Flexible cable duct	40 / 40 mm	5.00 mm / 7.50 mm	500 mm	2562800000	50
CD-FLEX 30x30	Flexible cable duct	30 / 30 mm	5.00 mm / 7.50 mm	500 mm	2562790000	50
CD-FLEX 20x20	Flexible cable duct	20 / 20 mm	5.00 mm / 7.50 mm	500 mm	2562780000	50
CD-FLEX 12.5x12.5	Flexible cable duct	12.5 / 12.5 mm	5.00 mm / 7.50 mm	500 mm	2562770000	50
Protective cable hoses						
CBSHT 8	Protective cable hose tool				2553910000	10
CBSHT 25	Protective cable hose tool				2553940000	5
CBSHT 20	Protective cable hose tool				2553930000	10
CBSHT 15	Protective cable hose tool				2553920000	10
CBC-SP 8-70/25 TP	Protective cable hose coil			100000 mm	2588780000	25 m
CBC-SP 8-70/25 BK	Protective cable hose coil			100000 mm	2588550000	25 m
CBC-SP 5-50/25 V2 WT	Protective cable hose coil			200000 mm	2588670000	25 m
CBC-SP 5-50/25 TP	Protective cable hose coil			200000 mm	2588810000	25 m
CBC-SP 5-50/25 BK	Protective cable hose coil			200000 mm	2588570000	25 m
CBC-SP 2-12/50 V2 WT	Protective cable hose coil			400000 mm	2588690000	50 m
CBC-SP 2-12/50 TP	Protective cable hose coil			400000 mm	2588830000	50 m
CBC-SP 2-12/50 BK	Protective cable hose coil			400000 mm	2588590000	50 m
CBC-SP 18-140/20 TP	Protective cable hose coil			60000 mm	2588710000	20 m
CBC-SP 14-120/25 V2 WT	Protective cable hose coil			100000 mm	2588620000	25 m
CBC-SP 14-120/25 TP	Protective cable hose coil			100000 mm	2588740000	25 m
CBC-SP 14-120/25 BK	Protective cable hose coil			100000 mm	2588500000	25 m
CBC-SP 12-100/25 V2 WT	Protective cable hose coil			100000 mm	2588640000	25 m
CBC-SP 12-100/25 TP	Protective cable hose coil			100000 mm	2588760000	25 m
CBC-SP 12-100/25 BK	Protective cable hose coil			100000 mm	2588520000	25 m
CBC-FB 5-10/200	Fabric of protective cable hose			100000 mm	2588950000	200 m
CBC-FB 50-75/50	Fabric of protective cable hose			50000 mm	2588860000	50 m
CBC-FB 30-45/100	Fabric of protective cable hose			100000 mm	2588880000	100 m
CBC-FB 20-30/100	Fabric of protective cable hose			100000 mm	2588900000	100 m
CBC-FB 10-18/200	Fabric of protective cable hose			200000 mm	2588930000	200 m
CBC 8/100 BK	Protective cable hose			100000 mm	2588490000	100 m
CBC 25/20 BK	Protective cable hose			20000 mm	2589430000	20 m
CBC 20/30 BK	Protective cable hose			30000 mm	2588470000	30 m
CBC 15/50 BK	Protective cable hose			50000 mm	2588480000	50 m

Technical data

Type	Product type	Height / Width	Slit width / Slit gap	Length	Order No.	Qty.
Accessories: wiring duct cover						
CD-LID 80 GY	Cable duct cover	80 mm		2000 mm	2590020000	2 m
CD-LID 75 LTGY	Cable duct cover	75 mm		2000 mm	2589170000	2 m
CD-LID 75 DKGY	Cable duct cover	75 mm		2000 mm	2589020000	2 m
CD-LID 75 GY	Cable duct cover	75 mm		2000 mm	2590030000	2 m
CD-LID 60 GY	Cable duct cover	60 mm		2000 mm	2590050000	2 m
CD-LID 50 LTGY	Cable duct cover	50 mm		2000 mm	2589200000	2 m
CD-LID 50 DKGY	Cable duct cover	50 mm		2000 mm	2589050000	2 m
CD-LID 50 GY	Cable duct cover	50 mm		2000 mm	2590070000	2 m
CD-LID 40 GY	Cable duct cover	40 mm		2000 mm	2590080000	2 m
CD-LID 37.5 LTGY	Cable duct cover	37.5 mm		2000 mm	2589220000	2 m
CD-LID 37.5 DKGY	Cable duct cover	37.5 mm		2000 mm	2589070000	2 m
CD-LID 37.5 GY	Cable duct cover	37.5 mm		2000 mm	2590100000	2 m
CD-LID 25 LTGY	Cable duct cover	25 mm		2000 mm	2589250000	2 m
CD-LID 25 DKGY	Cable duct cover	25 mm		2000 mm	2589090000	2 m
CD-LID 25 GY	Cable duct cover	25 mm		2000 mm	2590110000	2 m
CD-LID 200 GY	Cable duct cover	200 mm		2000 mm	2589940000	2 m
CD-LID 150 GY	Cable duct cover	150 mm		2000 mm	2589950000	2 m
CD-LID 15 GY	Cable duct cover	15 mm		2000 mm	2590130000	2 m
CD-LID 125 LTGY	Cable duct cover	125 mm		2000 mm	2589120000	2 m
CD-LID 125 DKGY	Cable duct cover	125 mm		2000 mm	2588980000	2 m
CD-LID 125 GY	Cable duct cover	125 mm		2000 mm	2589970000	2 m
CD-LID 120 GY	Cable duct cover	120 mm		2000 mm	2589990000	2 m
CD-LID 100 LTGY	Cable duct cover	100 mm		2000 mm	2589140000	2 m
CD-LID 100 DKGY	Cable duct cover	100 mm		2000 mm	2589000000	2 m
CD-LID 100 GY	Cable duct cover	100 mm		2000 mm	2590000000	2 m
Wiring duct accessories, holders and separators						
RXRV 6.5	Expanding rivet	32 /			2562690000	1000
RXRV 4.5	Expanding rivet	27.5 /			2562700000	1000
RXRV-T 6.5	Expanding-rivet tool	224 /			2562710000	4
RXRV-T 4.5	Expanding-rivet tool	224 /			2562720000	4
CD-SCCV	Cable duct screw cover				2554000000	1000
CD-RETA 60	Cable duct T-form binder				2554100000	25
CD-RETA 40	Cable duct T-form binder				2554090000	40
CD-RETT	Cable duct binder arm				2554080000	100
CD-RET 80	Cable duct binder				2554050000	400
CD-RET 60	Cable duct binder				2554030000	500
CD-RET 40	Cable duct binder				2554020000	500
CD-RET 125	Cable duct binder				2554070000	200
CD-RET 100/120	Cable duct binder				2554060000	250
CD-CTH	Cable duct cable tie holder				2554010000	100
CD-SE 80	Cable duct separator	80 /		1000 mm	2553980000	16
CD-SE 60	Cable duct separator	60 /		1000 mm	2553960000	25
CD-SE 40/2	Cable duct separator	40 /		1000 mm	2553950000	30
CD-SE 40	Cable duct separator	40 /		1000 mm	2553970000	30
CD-SE 100	Cable duct separator	100 /		1000 mm	2553990000	16

The industrial PUSH IN smart connection

BL I/O 3.5 CJC connectors with integrated cold junction compensation

Many industrial applications demand increasingly higher accuracy of temperature measurement. At the same time, the required equipment must become cheaper and smaller. For the BL I/O 3.5 CJC, the cold junction compensation is integrated into the connector, which reduces space and costs.

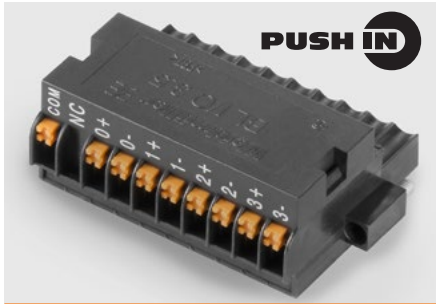
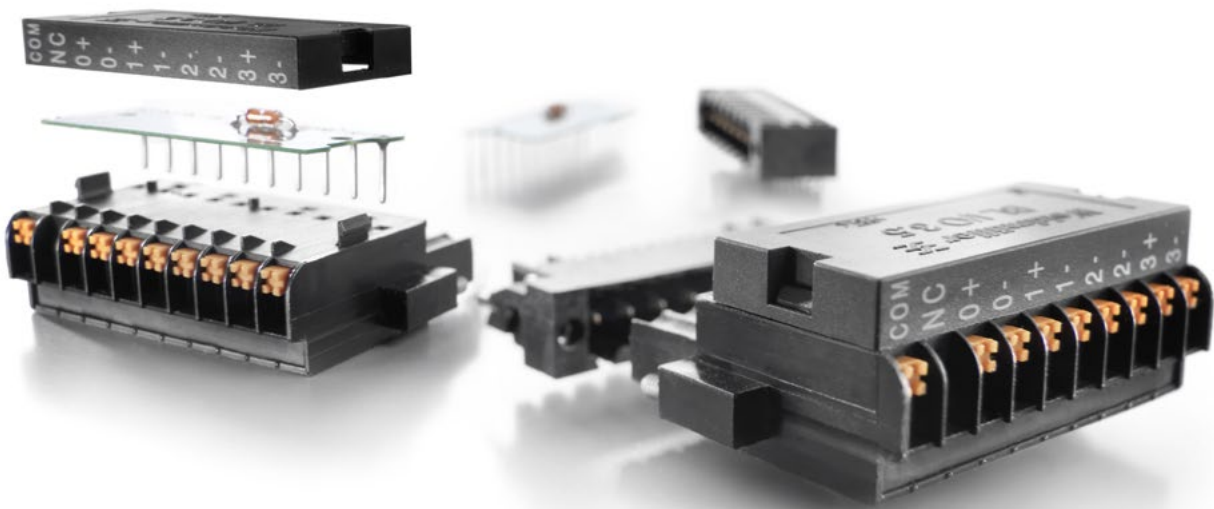
The cold junction compensation of the BL I/O CJC is integrated by a thermistor in the connector. Therefore, no additional compensation is needed when connecting thermocouples to a device to measure the temperature. The integrated compensation simplifies the device and increases the measuring accuracy up to 20 %.

Your special advantages

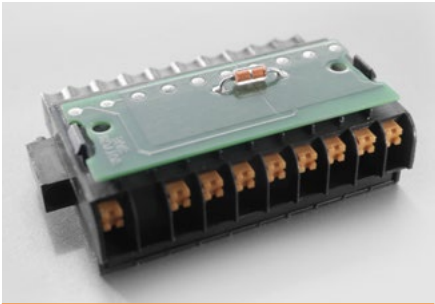
- PUSH IN connector for conductor cross sections up to 1.5 mm²
- Cold junction compensation for the connection of thermocouples
- Up to four measuring connections for thermocouples
- High component density in a compact design
- Clearly visible marking area for labels
- Integrated mounting flanges

Technical data

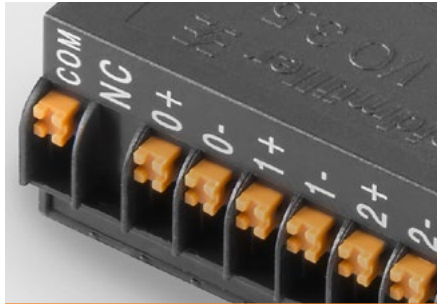
Type	No. of poles	Side termination, characteristic	Rated voltage	Rated current	Packaging	Order No.	Qty.
BL-I/O 3.50/10F CJC AU BK BX	10	Flange	50 V	2.2 A	Box	2471390000	20



PUSH IN connection up to 1.5 mm²
 With the PUSH IN connection technology, the conductor connection becomes tool-free. Solid conductors or flexible conductors with wire end ferrules are easily inserted.



Integrated thermistor
 Cold junction compensation by integrated thermistor, to have a higher precision measuring up to 20 %. This helps for an easy devise design



Clear marking
 The large marking area supports a distinct and legible marking.

Efficient connections on smallest footprint

BLF 3.5 PUSH IN connector in 3.50 mm pitch

Increasingly complex control systems are required in industrial automation technology. In addition, the cost pressure and the requirements for plant safety are rising. The PUSH IN connector BLF 3.5 sets new standards in order to meet these challenges optimally.

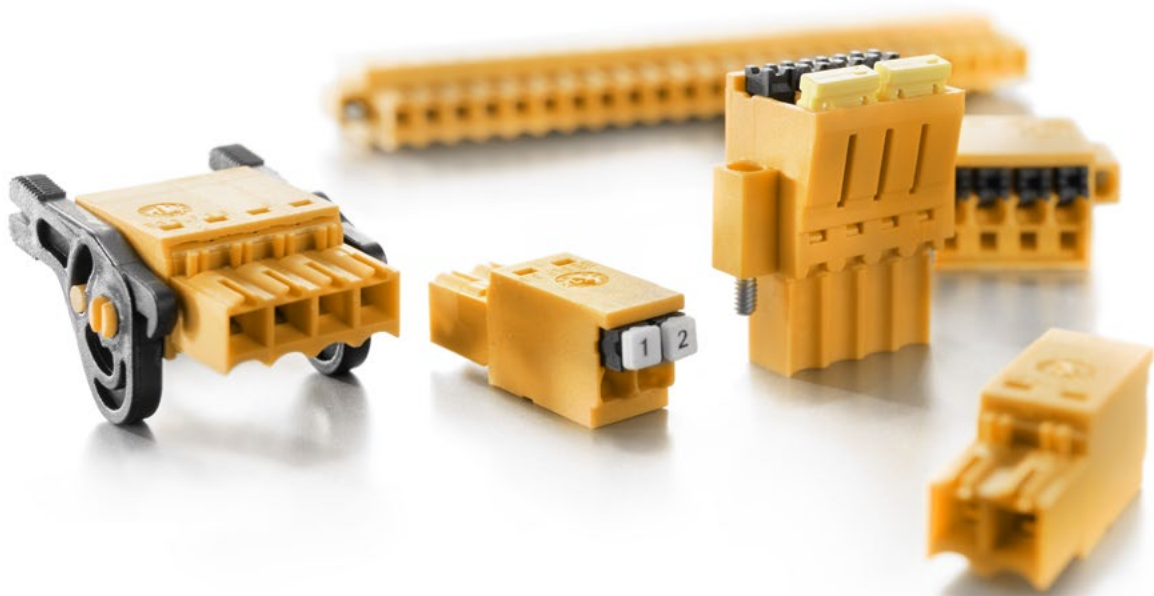
The particularly flat and compact BLF 3.5 has been developed especially for industrial automation technology. Its PUSH IN connection technology, equipped with functional release and locking levers, is suitable for conductor cross sections up to 1.5 mm² and supports a fast and reliable handling during installation and maintenance. A safety rib prevents accidentally pushing the lever when plugging.

Your special advantages

- PUSH IN connectors for conductor cross sections up to 1.5 mm²
- High component density thanks to compact design
- Highly visible marking field for labelling
- Integrated mounting flanges
- Strain relief to fix and pull out the wire
- Pluggable cross connection optional



Webcode: #11410



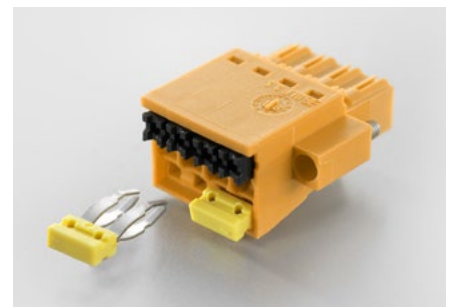
Variable fixing options

The connector has two mounting flanges allowing for two fixing-options. One is via a Lock & Release Lever, and the other is conventional with a screw.



Clear marking

A large marking area permits distinct marking of the device and the pushers.



Pluggable cross connection

With the standard accessory ZQV 1.5N/ R3.5/2-4, pluggable cross connections can be established with up to four poles.

Technical data

Type	No. of poles	Side termination, characteristic	Rated voltage	Rated current	Packaging	Order No.	Qty.
closed side							
BLF 3.50/02/180 SN OR BX	2	closed side	320 V	14.5 A	Box	2458950000	264
BLF 3.50/03/180 SN OR BX	3	closed side	320 V	14.5 A	Box	2459060000	174
BLF 3.50/04/180 SN OR BX	4	closed side	320 V	14.5 A	Box	2459070000	132
BLF 3.50/05/180 SN OR BX	5	closed side	320 V	14.5 A	Box	2459080000	102
BLF 3.50/06/180 SN OR BX	6	closed side	320 V	14.5 A	Box	2459090000	84
BLF 3.50/07/180 SN OR BX	7	closed side	320 V	14.5 A	Box	2459100000	72
BLF 3.50/08/180 SN OR BX	8	closed side	320 V	14.5 A	Box	2459110000	66
BLF 3.50/09/180 SN OR BX	9	closed side	320 V	14.5 A	Box	2459120000	54
BLF 3.50/10/180 SN OR BX	10	closed side	320 V	14.5 A	Box	2459130000	48
BLF 3.50/11/180 SN OR BX	11	closed side	320 V	14.5 A	Box	2459140000	48
BLF 3.50/12/180 SN OR BX	12	closed side	320 V	14.5 A	Box	2459150000	42
BLF 3.50/13/180 SN OR BX	13	closed side	320 V	14.5 A	Box	2459160000	36
BLF 3.50/14/180 SN OR BX	14	closed side	320 V	14.5 A	Box	2459170000	36
BLF 3.50/15/180 SN OR BX	15	closed side	320 V	14.5 A	Box	2459180000	30
BLF 3.50/16/180 SN OR BX	16	closed side	320 V	14.5 A	Box	2459190000	30
BLF 3.50/17/180 SN OR BX	17	closed side	320 V	14.5 A	Box	2459200000	30
BLF 3.50/18/180 SN OR BX	18	closed side	320 V	14.5 A	Box	2459210000	24
BLF 3.50/19/180 SN OR BX	19	closed side	320 V	14.5 A	Box	2459220000	24
BLF 3.50/20/180 SN OR BX	20	closed side	320 V	14.5 A	Box	2459230000	24
BLF 3.50/21/180 SN OR BX	21	closed side	320 V	14.5 A	Box	2459240000	24
BLF 3.50/22/180 SN OR BX	22	closed side	320 V	14.5 A	Box	2459250000	24
BLF 3.50/23/180 SN OR BX	23	closed side	320 V	14.5 A	Box	2459260000	18
BLF 3.50/24/180 SN OR BX	24	closed side	320 V	14.5 A	Box	2459270000	18
Flange							
BLF 3.50/02/180F SN OR BX	2	Flange	320 V	14.5 A	Box	2459390000	132
BLF 3.50/03/180F SN OR BX	3	Flange	320 V	14.5 A	Box	2459400000	102
BLF 3.50/04/180F SN OR BX	4	Flange	320 V	14.5 A	Box	2459410000	84
BLF 3.50/05/180F SN OR BX	5	Flange	320 V	14.5 A	Box	2459420000	72
BLF 3.50/06/180F SN OR BX	6	Flange	320 V	14.5 A	Box	2459430000	66
BLF 3.50/07/180F SN OR BX	7	Flange	320 V	14.5 A	Box	2459440000	54
BLF 3.50/08/180F SN OR BX	8	Flange	320 V	14.5 A	Box	2459450000	48
BLF 3.50/09/180F SN OR BX	9	Flange	320 V	14.5 A	Box	2459460000	48
BLF 3.50/10/180F SN OR BX	10	Flange	320 V	14.5 A	Box	2459470000	42
BLF 3.50/11/180F SN OR BX	11	Flange	320 V	14.5 A	Box	2459480000	36
BLF 3.50/12/180F SN OR BX	12	Flange	320 V	14.5 A	Box	2459490000	36
BLF 3.50/13/180F SN OR BX	13	Flange	320 V	14.5 A	Box	2459500000	30
BLF 3.50/14/180F SN OR BX	14	Flange	320 V	14.5 A	Box	2459510000	30
BLF 3.50/15/180F SN OR BX	15	Flange	320 V	14.5 A	Box	2459520000	30
BLF 3.50/16/180F SN OR BX	16	Flange	320 V	14.5 A	Box	2459530000	24
BLF 3.50/17/180F SN OR BX	17	Flange	320 V	14.5 A	Box	2459540000	24
BLF 3.50/18/180F SN OR BX	18	Flange	320 V	14.5 A	Box	2459550000	24
BLF 3.50/24/180F SN OR BX	24	Flange	320 V	14.5 A	Box	2459560000	18

Technical data

Type	No. of poles	Side termination, characteristic	Rated voltage	Rated current	Packaging	Order No.	Qty.
Release latch							
BLF 3.50/24/180LR SN OR BX	24	Lock- & Release Lever	320 V	14.5 A	Box	2459830000	18
BLF 3.50/02/180LR SN OR BX	2	Lock- & Release Lever	320 V	14.5 A	Box	2459680000	132
BLF 3.50/03/180LR SN OR BX	3	Lock- & Release Lever	320 V	14.5 A	Box	2459690000	102
BLF 3.50/04/180LR SN OR BX	4	Lock- & Release Lever	320 V	14.5 A	Box	2459700000	84
BLF 3.50/05/180LR SN OR BX	5	Lock- & Release Lever	320 V	14.5 A	Box	2459710000	72
BLF 3.50/06/180LR SN OR BX	6	Lock- & Release Lever	320 V	14.5 A	Box	2459720000	66
BLF 3.50/07/180LR SN OR BX	7	Lock- & Release Lever	320 V	14.5 A	Box	2459730000	54
BLF 3.50/08/180LR SN OR BX	8	Lock- & Release Lever	320 V	14.5 A	Box	2459740000	48
BLF 3.50/09/180LR SN OR BX	9	Lock- & Release Lever	320 V	14.5 A	Box	2459750000	48
BLF 3.50/10/180LR SN OR BX	10	Lock- & Release Lever	320 V	14.5 A	Box	2459760000	42
BLF 3.50/11/180LR SN OR BX	11	Lock- & Release Lever	320 V	14.5 A	Box	2459770000	36
BLF 3.50/12/180LR SN OR BX	12	Lock- & Release Lever	320 V	14.5 A	Box	2459780000	36
BLF 3.50/13/180LR SN OR BX	13	Lock- & Release Lever	320 V	14.5 A	Box	2459790000	30
BLF 3.50/14/180LR SN OR BX	14	Lock- & Release Lever	320 V	14.5 A	Box	2459800000	30
BLF 3.50/15/180LR SN OR BX	15	Lock- & Release Lever	320 V	14.5 A	Box	2459810000	30
BLF 3.50/16/180LR SN OR BX	16	Lock- & Release Lever	320 V	14.5 A	Box	2459820000	24
Release lever							
BLF 3.50/02/180LH SN OR BX	2	Release lever	320 V	14.5 A	Box	2459950000	132
BLF 3.50/03/180LH SN OR BX	3	Release lever	320 V	14.5 A	Box	2459960000	102
BLF 3.50/04/180LH SN OR BX	4	Release lever	320 V	14.5 A	Box	2459970000	84
BLF 3.50/05/180LH SN OR BX	5	Release lever	320 V	14.5 A	Box	2459980000	72
BLF 3.50/06/180LH SN OR BX	6	Release lever	320 V	14.5 A	Box	2459990000	66
BLF 3.50/07/180LH SN OR BX	7	Release lever	320 V	14.5 A	Box	2460000000	54
BLF 3.50/08/180LH SN OR BX	8	Release lever	320 V	14.5 A	Box	2460010000	48
BLF 3.50/09/180LH SN OR BX	9	Release lever	320 V	14.5 A	Box	2460020000	48
BLF 3.50/10/180LH SN OR BX	10	Release lever	320 V	14.5 A	Box	2460030000	42
BLF 3.50/11/180LH SN OR BX	11	Release lever	320 V	14.5 A	Box	2460040000	36
BLF 3.50/12/180LH SN OR BX	12	Release lever	320 V	14.5 A	Box	2460050000	36
BLF 3.50/13/180LH SN OR BX	13	Release lever	320 V	14.5 A	Box	2460060000	30
BLF 3.50/14/180LH SN OR BX	14	Release lever	320 V	14.5 A	Box	2460070000	30
BLF 3.50/15/180LH SN OR BX	15	Release lever	320 V	14.5 A	Box	2460080000	30
BLF 3.50/16/180LH SN OR BX	16	Release lever	320 V	14.5 A	Box	2460090000	24
BLF 3.50/17/180LH SN OR BX	17	Release lever	320 V	14.5 A	Box	2460100000	24
BLF 3.50/18/180LH SN OR BX	18	Release lever	320 V	14.5 A	Box	2460110000	24

Reliable transmission of high-frequency data

OMNIMATE® data components meet the highest demands

A wide variety of PCB jacks are needed for the data transmission in Industrial Ethernet environment. Trends in technology, like the shift from fieldbus to Industrial Ethernet, demand an increasing number of designs of RJ45 PCB jacks to enable adaptation to individual housing design.

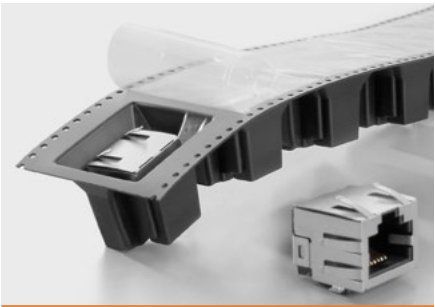
RJ45 components from Weidmüller ensure a reliable transmission with high data rates of up to 1 Gbps and provide sufficient safety reserves. With diverse variants, such as for THT, THR or SMT soldering methods, the PCB sockets are suitable for all common methods of circuit board assembly. The shielded technology also allows its use in products for harsh and electromagnetically noisy environments.

Your special advantages

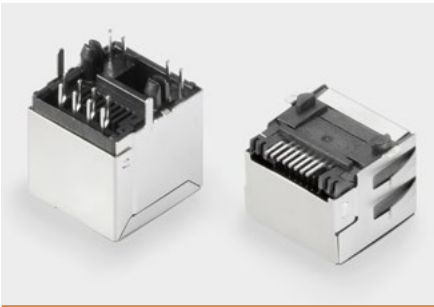
- Weidmüller RJ45 PCB jacks actively counteract noises by integrated "Magnetics", save space on the circuit board and reduce assembly costs
- The reinforced gold layer improves corrosion protection, reduces contact problems and guarantees high durability



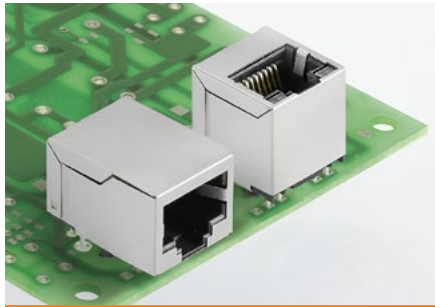
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Process-optimised assembly
Suitable for fully automatic assembly (tape on reel) or assembly by hand (tray).



Trouble-free assembly
High placement precision due to shorter solder pins (PiP soldering) with chamfered pin tops. In the THR process, this prevents the solder paste from being pressed out of the holes.



Variants for every soldering process
We offer suitable products that allow reliable PCB assembly for each of the technologies, SMT, THT or THR soldering, and for any assembly process.

Technical data

Type	Performance category	Mounting onto the PCB	Outgoing elbow / Tack option	Packaging	LED / Shield tabs	Order No.	Qty.
RJ45 sockets transformer							
RJ45M T1D 3.2E4N TY	10/100 Mbit/s	THT solder connection	90° / bottom	Tray (manual assembly)	No / 6 tabs	2474160000	60
RJ45M T12D 3.3E4G/Y RL	10/100 Mbit/s	THT solder connection	90° / bottom	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	Yes / 6 tabs	2036460000	90
RJ45M R1D 3.3N4Y/G TY	10/100 Mbit/s	THT/THR solder connection	90° / bottom	Tray (manual assembly)	Yes / none	2461060000	60
RJ45M R12D 3.2N4G/Y RL	10/100 Mbit/s	THT/THR solder connection	90° / bottom	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	Yes / none	2551900000	100
RJ45M R1V 3.3N4Y/G TY	10/100 Mbit/s	THT/THR solder connection	180° /	Tray (manual assembly)	Yes / none	1534750000	60
RJ45M R1V 3.3N4Y/G TY	10/100 Mbit/s	THT/THR solder connection	180° /	Tray (manual assembly)	Yes / none	2461070000	60
RJ45G1 R12D 3.3EG/Y TY	1000 MBit/s	THT/THR solder connection	90° / bottom	Tray (manual assembly)	Yes / 6 tabs	2544500000	40
RJ45G1 R1D 3.3EG/Y TY	1000 MBit/s	THT/THR solder connection	90° / bottom	Tray (manual assembly)	Yes / 6 tabs	2544510000	60
RJ45G1 R12D 3.3EYG/YG RL	1000 MBit/s	THT/THR solder connection	90° / bottom	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	Yes / 6 tabs	2036510000	90
RJ45G1 R12D 3.3N4Y/G/YG RL	1000 MBit/s	THT/THR solder connection	90° / bottom	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	Yes / none	2485370000	100
RJ45G1 R1V 3.3N4Y/G/YG TY	1000 MBit/s	THT/THR solder connection	180° /	Tray (manual assembly)	Yes / none	1534760000	60
RJ45 sockets							
RJ45C3 S1D 2.7N4N RL	Cat.3 /	SMD solder connection	90° / bottom	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	No / none	1433890000	300
RJ45C3 S1U 0.9N4N RL	Cat.3 /	SMD solder connection	90° / top	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	No / none	1455220000	200
RJ45C3 S1U DE4G/Y RL	Cat.3 /	SMD solder connection	90° / top	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	Yes / 6 tabs	2562890000	180
RJ45C3 S1U DE4N RL	Cat.3 /	SMD solder connection	90° / top	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	No / 6 tabs	2562940000	200
RJ45C3 S1V 2.7N4N RL	Cat.3 /	SMD solder connection	180° /	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	No / none	1433900000	300
RJ45C3 S1V 2.7E4N RL	Cat.3 /	SMD solder connection	180° /	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	No / 4 tabs	2514600000	300
RJ45C5 T1D 3.2N4N TY	Cat. 5 /	THT solder connection	90° / bottom	Tray; Rs = 10 ⁹ - 10 ¹² Ω	No / none	1433800000	60
RJ45C5 T1D 3.2E4G/Y TY	Cat. 5 /	THT solder connection	90° / bottom	Tray (manual assembly)	Yes / 6 tabs	2562820000	140
RJ45C5 T1D 3.3E4N TY	Cat. 5 /	THT solder connection	90° / bottom	Tray (manual assembly)	No / 6 tabs	2562900000	180
RJ45C5 T1D 3.2N4N RL SO	Cat. 5 /	THT solder connection	90° / bottom	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	No / none	2439040000	260
RJ45C5 T1U 2.8N4N TY	Cat. 5 /	THT solder connection	90° / top	Tray; Rs = 10 ⁹ - 10 ¹² Ω	No / none	1455240000	70
RJ45C5 T1U 2.8E4G/Y TY	Cat. 5 /	THT solder connection	90° / top	Tray (manual assembly)	Yes / 6 tabs	2562880000	140
RJ45C5 T1U 2.8E4N TY	Cat. 5 /	THT solder connection	90° / top	Tray (manual assembly)	No / 6 tabs	2562920000	140
RJ45C5 T1V 3.2N4N TY	Cat. 5 /	THT solder connection	180° /	Tray; Rs = 10 ⁹ - 10 ¹² Ω	No / none	1433810000	60
RJ45C5 T1V 4.0N4N TY	Cat. 5 /	THT solder connection	180° /	Tray (manual assembly)	No / none	2436450000	60
RJ45C5 T1V 3.2N4G/Y TY	Cat. 5 /	THT solder connection	180° /	Tray (manual assembly)	Yes / none	2562960000	120
RJ45C5 R1D 3.2E4G/Y RL	Cat. 5 /	THT/THR solder connection	90° / bottom	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	Yes / 6 tabs	2562870000	200
RJ45C5 R1D 3.3E4N RL	Cat. 5 /	THT/THR solder connection	90° / bottom	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	No / 6 tabs	2562910000	200
RJ45C5 R1U 3.3E4N RL	Cat. 5 /	THT/THR solder connection	90° / bottom	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	No / 6 tabs	2562930000	180
RJ45C5 R1U 2.8N4G/Y RL	Cat. 5 /	THT/THR solder connection	90° / top	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	Yes / none	2562950000	180
RJ45C5 R1V 3.2N4G/Y TY	Cat. 5 /	THT/THR solder connection	180° /	Tray; Rs = 10 ⁹ - 10 ¹² Ω	Yes / none	2516380000	60
RJ45C5 R1V 3.2N4N RL	Cat. 5 /	THT/THR solder connection	180° /	Tape (Ø 330 mm); Rs = 10 ⁹ - 10 ¹² Ω	No / none	2562970000	200
RJ45C6 T1U 2.7N4N TY	Cat. 6 /	THT solder connection	90° / top	Tray; Rs = 10 ⁹ - 10 ¹² Ω	No / none	1433910000	80
RJ45C6 T1V 3.8N4N TY	Cat. 6 /	THT solder connection	180° /	Tray; Rs = 10 ⁹ - 10 ¹² Ω	No / none	1433920000	80
USB sockets							
USB2.0A T1V 2.5N4 TY BK	480 Mbit/s	THT solder connection	180° /	Tray (manual assembly)	No / none	1985910000	100
USB2.0A T1H 2.5N4 TY BK	480 Mbit/s	THT solder connection	90° /	Tray (manual assembly)	No / none	2563710000	100
USB2.0A R1V 2.5N4 TY BK	480 Mbit/s	THT/THR solder connection	180° /	Tray (manual assembly)	No / none	2563730000	100
USB2.0A S1H 1.4N4 TY BK	480 Mbit/s	THT/THR solder connection	90° /	Tray (manual assembly)	No / none	2563720000	100
USB3.0A T1H 2.3N4 TY BL	5 Gbit/s	THT solder connection	90° /	Tray (manual assembly)	No / none	2563550000	104
USB3.0A R1V 3.0N2 TY BL	5 Gbit/s	THT solder connection	180° /	Tray (manual assembly)	No / none	1549730000	100

Reliable and efficient connection for powered electronic devices

LLF Series PCB terminal up to 6 mm² with PUSH IN connection

Technological advances often depend on how powerful, flexible, user-friendly, and economical the available connection systems are in their daily use. LLF PCB terminal blocks with PUSH IN connection technology combine excellent functionality with easy operation.

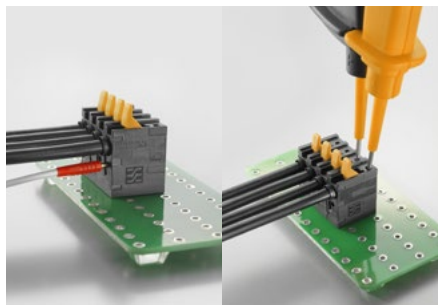
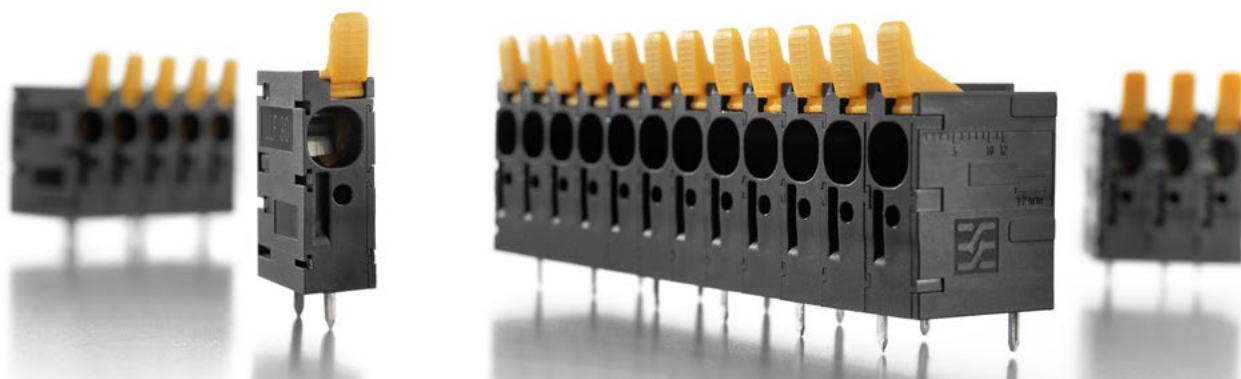
The new LLF and LLFS PCB terminals make the wiring fast, safe, and economical because they have the proven PUSH IN connection technology. This enables tool-free wiring for cable cross-sections up to 6 mm² in the 7.5 mm pitch according to the requirements of UL 1059 for 600 V. In addition, LLF circuit board terminals use the unique Weidmüller "Connection Safety Concept", which means that their terminals automatically prevent connection errors.

Your special advantages

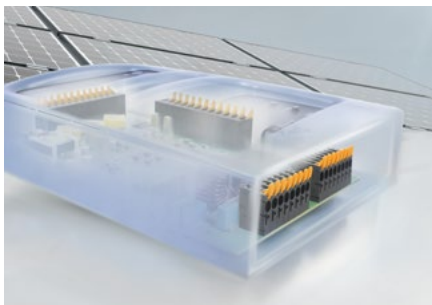
- Fast and reliable connection by lever (LLF), or screwdriver (LLFS)
- Two directions for cable entry at 90° and 180°, respectively
- High level of contact reliability based on "Connection Safety Concept"
- Staggered pin for international use in accordance with UL 1059 up to 600 V
- Advanced finger safety of +3 mm according to IEC 61800-5-1



Webcode: #11408



Helpful wizard system – Convenient access to test points
 Two test points with LLF, one located beside the cable entry and another beside the actuating lever, provide great flexibility during testing.



Compliant with UL 1059 up to 600 V
 As a result of the offset arrangement of the solder pins, the LLF allows unrestricted international use in applications in accordance with UL 1059 up to 600 V.



Tool-free wiring system
 The PUSH IN connection and simple and safe operation of the actuator lever ensure quick convenient and efficient wiring of cross sections up to 6 mm².

Technical data

Type	Rated voltage (use group B)	Pitch, in mm	Wire connection method	Colour	Order No.	Qty.
LLFS 90°						
LLFS 7.50/01/90 5.0SN BK BX	300 V	7.50 mm	PUSH IN without actuator	Black	2473420000	200
LLFS 7.50/02/90V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2473000000	100
LLFS 7.50/03/90V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2473010000	80
LLFS 7.50/04/90V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2473020000	80
LLFS 7.50/05/90V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2473030000	50
LLFS 7.50/06/90V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2473040000	50
LLFS 7.50/07/90V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2473050000	50
LLFS 7.50/08/90V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2473060000	30
LLFS 7.50/09/90V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2473070000	30
LLFS 7.50/10/90V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2473080000	20
LLFS 7.50/11/90V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2473090000	20
LLFS 7.50/12/90V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2473100000	20
LLFS 180°						
LLFS 7.50/01/180 5.0SN BK BX	300 V	7.50 mm	PUSH IN without actuator	Black	2491110000	200
LLFS 7.50/02/180V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2491620000	100
LLFS 7.50/03/180V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2491630000	80
LLFS 7.50/04/180V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2491640000	80
LLFS 7.50/05/180V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2491650000	50
LLFS 7.50/06/180V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2491660000	50
LLFS 7.50/07/180V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2491670000	50
LLFS 7.50/08/180V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2491680000	30
LLFS 7.50/09/180V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2491690000	30
LLFS 7.50/10/180V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2491700000	20
LLFS 7.50/11/180V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2491710000	20
LLFS 7.50/12/180V 5.0SN BK BX	600 V	7.50 mm	PUSH IN without actuator	Black	2491720000	20

Reliable and efficient connection for power electronic devices

LUF Series PCB terminal up to 16 mm² with PUSH IN connection

In the field of power electronics, highly reliable and safe connections are essential for the wiring. LUF PCB terminals provide a high level of contact reliability thanks to the Weidmüller Connection Safety Concept. The contact closes automatically to ensure a highly reliable connection.

The LUF series maximizes safety and reliability of connections to implement high flexibility even in compact spaces. The proven PUSH IN connector allows tool-free connection to the circuit board. The ergonomic design of the LUF terminals affords effortless disconnection of the cable via the opening clamp. Installation and maintenance are simple due to two readily accessible test points. The enhanced finger protection, without additional cover, meets the requirements of IEC 61800-5-1.

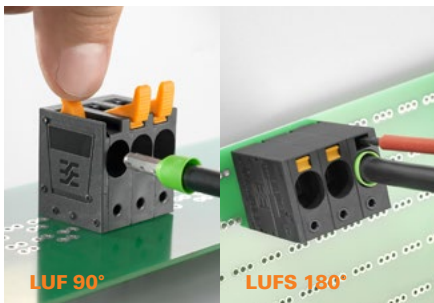
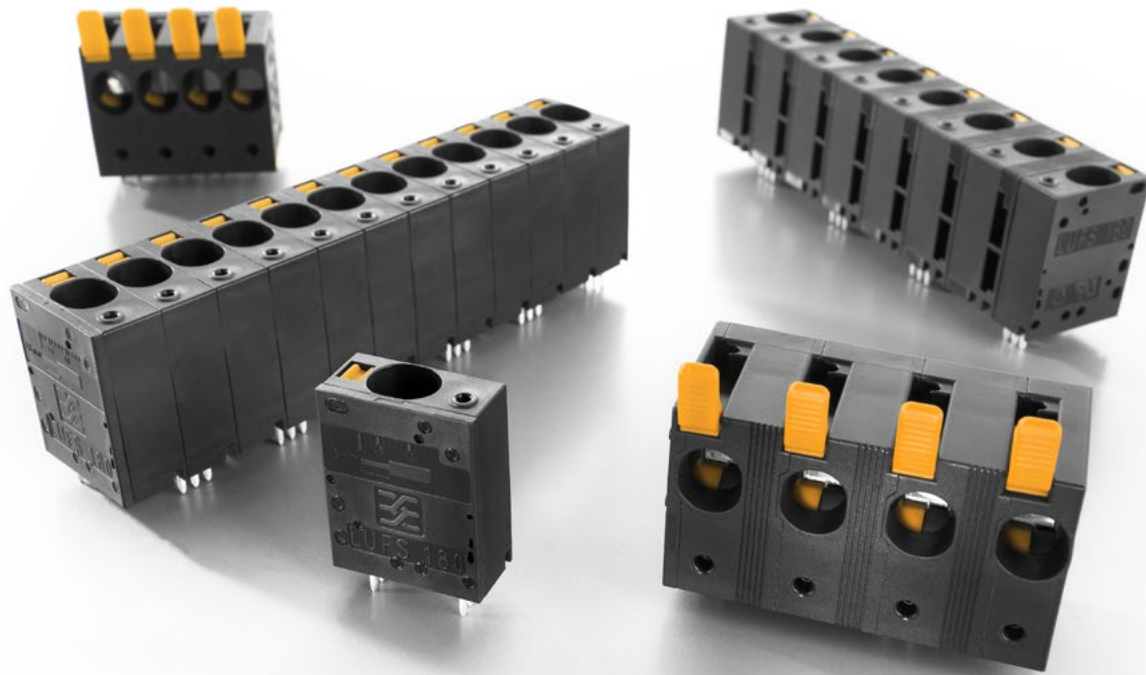
Your special advantages

- Unique high reliability of the contacts
- Tool-free and comfortable operation of the opening clamp to disconnect the wiring
- High level of contact reliability based on “Connection Safety Concept”
- Compliance with UL 1059 up to 600 V in 10 mm pitch and up to 1,000 V in 15 mm pitch for challenging applications
- Two directions for cable entry at 90° and 180°



LUF 10.00 Webcode: #01046

LUF 15.00 Webcode: #11409



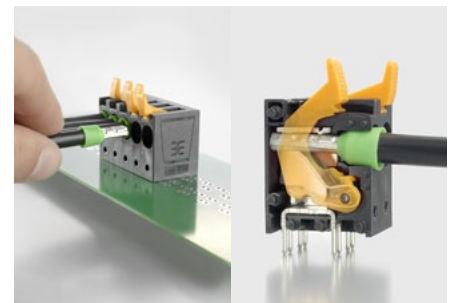
Comfortable actuation

An ergonomic lever makes it easy to open the clamp and release the wire. The contact point for LUF can be opened comfortably by hand, and LUFs can be opened using a standard screwdriver.



Compliant with UL 1059

As a result of the offset arrangement of the solder pins, the LUF 15.00 and also the LUFs 15.00 allows unrestricted international use in applications in accordance with UL 1059 up to 1,000 V.



PUSH IN connection up to 16 mm²

The PUSH IN connection system allows for wires to be connected to the PCB board without the need for tools. Solid wires or wires with ferrules can be directly connected. Done!

Technical data

Type	Rated voltage (use group B)	Pitch, in mm	Wire connection method	Colour	Order No.	Qty.
LUF 15.00/./90						
LUF 15.00/02/90 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2491800000	40
LUF 15.00/03/90 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2491900000	40
LUF 15.00/04/90 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2491910000	30
LUF 15.00/05/90 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2491920000	25
LUF 15.00/06/90 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2491930000	20
LUF 15.00/07/90 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2491940000	10
LUF 15.00/08/90 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2491950000	10
LUF 15.00/./90V						
LUF 15.00/02/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2492000000	40
LUF 15.00/03/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2492010000	40
LUF 15.00/04/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2492020000	30
LUF 15.00/05/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2492030000	25
LUF 15.00/06/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2492040000	20
LUF 15.00/07/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2492050000	10
LUF 15.00/08/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN with actuator	Black	2492060000	10
LUFS 10.00/./90						
LUFS 10.00/01/90 5.0SN BK BX	600 V	10.00 mm	PUSH IN without actuator	Black	2500560000	50
LUFS 10.00/./90V						
LUFS 10.00/02/90V 5.0SN BK BX	600 V	10.00 mm	PUSH IN without actuator	Black	2499430000	40
LUFS 10.00/03/90V 5.0SN BK BX	600 V	10.00 mm	PUSH IN without actuator	Black	2500460000	40
LUFS 10.00/04/90V 5.0SN BK BX	600 V	10.00 mm	PUSH IN without actuator	Black	2500470000	30
LUFS 10.00/05/90V 5.0SN BK BX	600 V	10.00 mm	PUSH IN without actuator	Black	2500480000	25
LUFS 10.00/06/90V 5.0SN BK BX	600 V	10.00 mm	PUSH IN without actuator	Black	2500490000	20
LUFS 10.00/07/90V 5.0SN BK BX	600 V	10.00 mm	PUSH IN without actuator	Black	2500500000	10
LUFS 10.00/08/90V 5.0SN BK BX	600 V	10.00 mm	PUSH IN without actuator	Black	2500510000	10
LUFS 10.00/09/90V 5.0SN BK BX	600 V	10.00 mm	PUSH IN without actuator	Black	2500520000	10
LUFS 10.00/10/90V 5.0SN BK BX	600 V	10.00 mm	PUSH IN without actuator	Black	2500530000	10
LUFS 10.00/11/90V 5.0SN BK BX	600 V	10.00 mm	PUSH IN without actuator	Black	2500540000	10
LUFS 10.00/12/90V 5.0SN BK BX	600 V	10.00 mm	PUSH IN without actuator	Black	2500550000	10
LUFS 15.00/./90V						
LUFS 15.00/02/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN without actuator	Black	2499440000	40
LUFS 15.00/03/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN without actuator	Black	2500570000	40
LUFS 15.00/04/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN without actuator	Black	2500580000	30
LUFS 15.00/05/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN without actuator	Black	2500590000	25
LUFS 15.00/06/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN without actuator	Black	2500600000	20
LUFS 15.00/07/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN without actuator	Black	2500600000	10
LUFS 15.00/08/90V 5.0SN BK BX	600 V	15.00 mm	PUSH IN without actuator	Black	2500610000	10

Secure and efficient connection of power electronics devices

PUSH IN connector with wire-ready function

High power applications necessitate connection by wires with huge cross sections, which are typically inflexible. Large PUSH IN connections are therefore difficult to plug in. Special tools are often needed for installation in narrow areas or for wiring with flexible wires without ferrules.

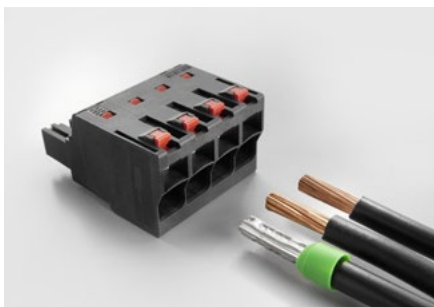
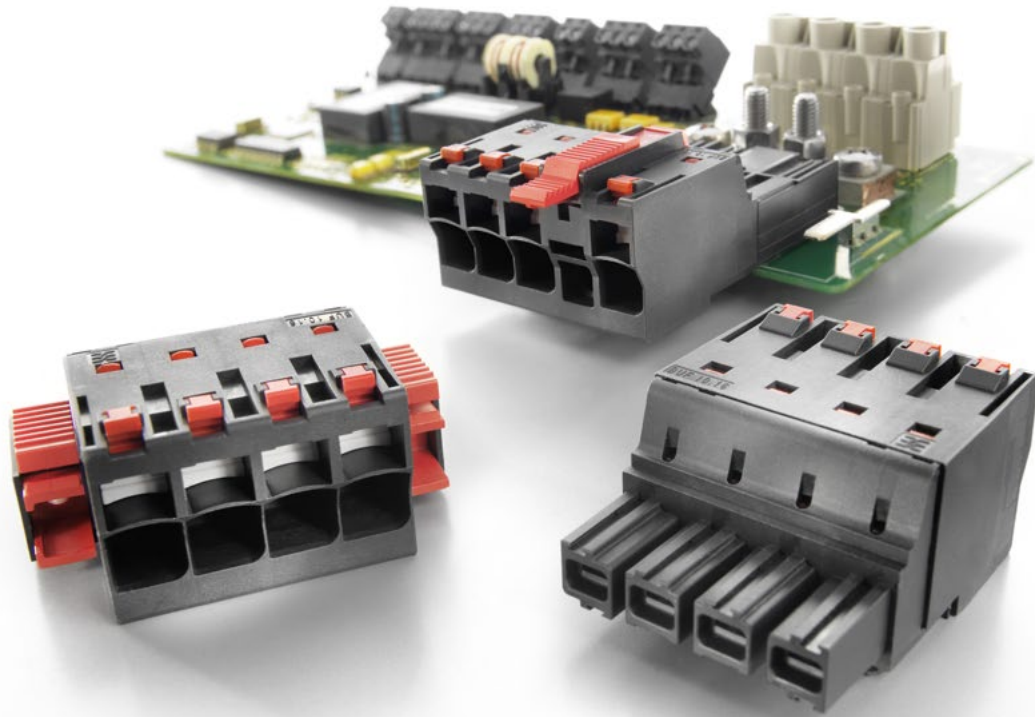
BUF 10.16 facilitates and accelerates this process and does not require additional tools. The operating lever which can be locked in the open position (pusher) makes it possible to insert conductors with short cladding or rigid insulation into the open terminal. This means that the proven PUSH IN function remains unrestricted while the terminal point, fixed in an open position, allows a comfortable and easy connection under difficult conditions. The result is a noticeable saving of time.

Your special advantages

- PUSH IN-technology with open position fixed clamping point
- Tool-free wiring of flexible wires without ferrules and wires with rigid insulation
- Easy one-hand operation of the connector
- Automatic locking by a centre flange with detent fixing and optional screw fixing



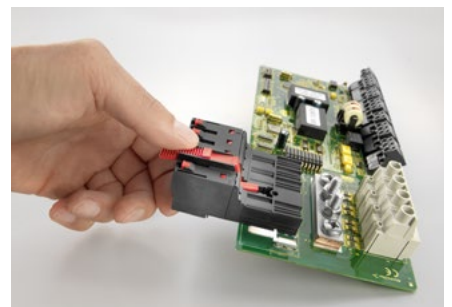
Webcode: #11407



Easy installation
 PUSH IN technology with open position fixed clamping point for easy wiring of flexible wires without ferrules and wires with rigid insulation.



Fast wiring
 The PUSH IN connection system allows tool-free connection of solid wires or wires with ferrules.



Easy one hand operation
 Automatic locking by a centre flange with detent fixing and optional screw fixing.

Technical data

Type	No. of poles	Side termination, characteristic	Rated voltage	Rated current	Order No.	Qty.
closed side						
BUF 10.16IT/02/180 AG BK BX	2	closed side	1000 V	76 A	2493170000	60
BUF 10.16IT/03/180 AG BK BX	3	closed side	1000 V	76 A	2493400000	40
BUF 10.16IT/04/180 AG BK BX	4	closed side	1000 V	76 A	2493410000	28
BUF 10.16IT/05/180 AG BK BX	5	closed side	1000 V	76 A	2493420000	24
Flange						
BUF 10.16IT/02/180F AG BK BX	2	Flange	1000 V	76 A	2493300000	28
BUF 10.16IT/03/180F AG BK BX	3	Flange	1000 V	76 A	2493310000	24
BUF 10.16IT/04/180F AG BK BX	4	Flange	1000 V	76 A	2493320000	20
BUF 10.16IT/05/180F AG BK BX	5	Flange	1000 V	76 A	2493330000	16
Screw/clip-on flange						
BUF 10.16IT/02/180SF AG BK BX	2	Screw/clip-on flange	1000 V	76 A	2493340000	28
BUF 10.16IT/03/180SF AG BK BX	3	Screw/clip-on flange	1000 V	76 A	2493350000	24
BUF 10.16IT/04/180SF AG BK BX	4	Screw/clip-on flange	1000 V	76 A	2493360000	20
BUF 10.16IT/05/180SF AG BK BX	5	Screw/clip-on flange	1000 V	76 A	2493370000	16
laterally closed / middle flange						
BUF 10.16IT/02/180MF2 AG BK BX	2	closed side / middle flange	1000 V	76 A	2493160000	30
BUF 10.16IT/03/180MF2 AG BK BX	3	closed side / middle flange	1000 V	76 A	2493180000	21
BUF 10.16IT/03/180MF3 AG BK BX	3	closed side / middle flange	1000 V	76 A	2493190000	21
BUF 10.16IT/04/180MF2 AG BK BX	4	closed side / middle flange	1000 V	76 A	2493200000	18
BUF 10.16IT/04/180MF3 AG BK BX	4	closed side / middle flange	1000 V	76 A	2493210000	18
BUF 10.16IT/04/180MF4 AG BK BX	4	closed side / middle flange	1000 V	76 A	2544950000	18
laterally closed / middle screw flange						
BUF 10.16IT/02/180MSF2 AG BK BX	2	closed side / middle screw flange	1000 V	76 A	2493230000	30
BUF 10.16IT/03/180MSF2 AG BK BX	3	closed side / middle screw flange	1000 V	76 A	2493240000	21
BUF 10.16IT/03/180MSF3 AG BK BX	3	closed side / middle screw flange	1000 V	76 A	2493250000	21
BUF 10.16IT/04/180MSF2 AG BK BX	4	closed side / middle screw flange	1000 V	76 A	2493260000	18
BUF 10.16IT/04/180MSF3 AG BK BX	4	closed side / middle screw flange	1000 V	76 A	2493270000	18
BUF 10.16IT/04/180MSF4 AG BK BX	4	closed side / middle screw flange	1000 V	76 A	2493280000	18

Access efficiently plants, processes and protection units

FrontCom® Vario double frame provides more ports and a larger interface

In many industrial areas, safe and efficient access to control elements is required. Some applications require access to the protection unit (GFCI/RCBO) from outside a control cabinet. Other applications demand a combination of many ports in one design.

FrontCom® Vario assures technicians fast access to control elements in a cabinet without having to wait for specially authorised personnel. The service interface allows combining up to 10 ports with the option to connect a power socket with a circuit breaker as well as additional data and signal interfaces. With its unique features, FrontCom® Vario is the safe, efficient and future-oriented solution for on-site maintenance and optimisation.



Your special advantages

- Flexible and modular system, 100 % compatible to market standard
- RJ45 inserts according to latest Cat. 6_A standard
- Clear identification thanks to large labelling surfaces
- Optional shielding via the frame's earthing screw for data and signal inputs
- Various protection levels, for example with inverse cabinet keys or genuine security locks

Technical data

Type	Article - short description	Order No.	Qty.
Double frame			
IE-FC-DFM-KNOB	FrontCom, Double frame, Metal cover	2003170000	1
IE-FC-DFM-KEY	FrontCom, Double frame, Metal cover, Lockable with key	2003180000	1
IE-FC-DFM-CAB	FrontCom, Double frame, Metal cover, Lockable with cabinet key	2003190000	1
IE-FC-DFM-CAB-DB	FrontCom, Double frame, Metal cover, Lockable with cabinet key (Daimler lock)	2003150000	1
Double insert plates			
IE-FC-DSP-CI/3A/2ST/1D9	FrontCom, Insert plate, shielded, 1 x GFCI, 1 x fuse, 2x Data, 1x Signal	2004810000	1
IE-FC-DIP-CI/3A/2ST/1D9	FrontCom, Insert plate, unshielded, 1 x GFCI, 1 x fuse, 2x Data, 1x Signal	2003370000	1
IE-FC-DSP-PWB/2ST/FILS	FrontCom, Insert plate, shielded, 1x Power, 2x Data, 1 x preparation of LS switch	2067080000	1
IE-FC-DIP-PWB/2ST/FILS	FrontCom, Insert plate, unshielded, 1x Power, 2x Data, 1 x preparation of LS switch	2067070000	1
IE-FC-DIP-BP	FrontCom, Insert plate, unshielded	2004890000	1
Single insert plates			
IE-FC-DF-IPH	FrontCom, Strip (for mounting single insert plates)	2003340000	1
IE-FC-IP-BP	FrontCom, Insert plate, unshielded	1450710000	1
IE-FC-SP-PWB/2ST	FrontCom, Insert plate, shielded, 1x Power, 2x Data	1450550000	1
IE-FC-IP-PWB/2ST	FrontCom, Insert plate, unshielded, 1x Power, 2x Data	1450630000	1
IE-FC-SP-PWS/2ST/1D9	FrontCom, Insert plate, shielded, 1x Power, 2x Data, 1x Signal	1450600000	1
IE-FC-IP-PWS/2ST/1D9	FrontCom, Insert plate, unshielded, 1x Power, 2x Data, 1x Signal	1450690000	1
IE-FC-SP-PWS/4ST	FrontCom, Insert plate, shielded, 1x Power, 4x Data	1450570000	1
IE-FC-IP-PWS/4ST	FrontCom, Insert plate, unshielded, 1x Power, 4x Data	1450640000	1
IE-FC-SP-PWS/2D9	FrontCom, Insert plate, shielded, 1x Power, 2x Signal	1450610000	1
IE-FC-IP-PWS/2D9	FrontCom, Insert plate, unshielded, 1x Power, 2x Data	1450680000	1
IE-FC-SP-PWU/2ST	FrontCom, Insert plate, shielded, 1x Power, US, 2x Data	1450620000	1
IE-FC-IP-PWU/2ST	FrontCom, Insert plate, unshielded, 1x Power, US, 2x Data	1450700000	1
IE-FC-IP-PWU/1ST/CB	FrontCom, Insert plate, unshielded, 1x Power, US, 1x Data, 1 x fuse	1543710000	1
IE-FC-SP-2ST/2D9	FrontCom, Insert plate, shielded, 2x Data, 2x Signal	1450590000	1
IE-FC-IP-2ST/2D9	FrontCom, Insert plate, unshielded, 2x Data, 2x Signal	1450670000	1
IE-FC-SP-1ST/1D9/1D25	FrontCom, Insert plate, shielded, 1x Data, 2x Signal	1450580000	1
IE-FC-IP-1ST/1D9/1D25	FrontCom, Insert plate, unshielded, 1x Data, 2x Signal	1450650000	1
IE-FC-IP-PWB/1D9	FrontCom, Insert plate, unshielded, 1x Power, 1x Signal	2003350000	1
IE-FC-IP-PWB	FrontCom, Insert plate, unshielded, 1x Power	2548060000	1

Half the pitch, twice the module slots

Because RockStar® ModuPlug means less is more

Modular production lines for customised manufacturing, extensive wind parks connected to data storage systems and vehicles fitted with cutting-edge information and communication technology are just some of the examples highlighting the growing functional requirements across all branches of industry. With applications becoming more and more compact, however, installation space is decreasing.

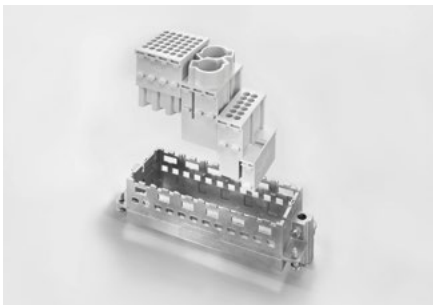
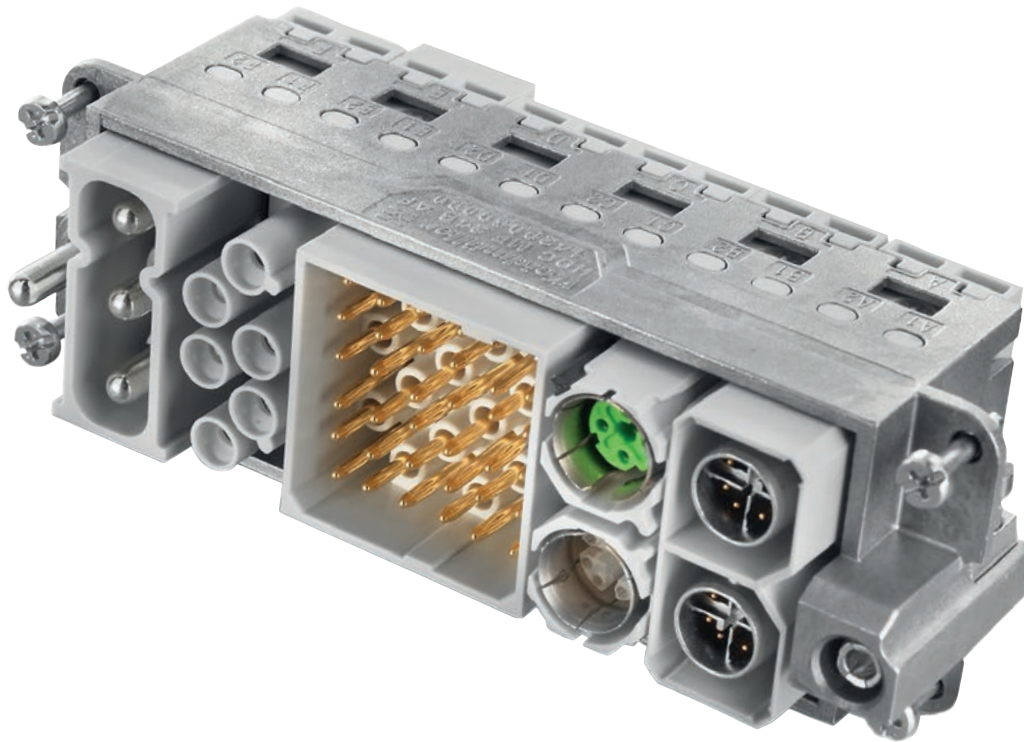
In response, connector technology is offering solutions for ever-greater density. One such solution is RockStar® ModuPlug. The modular connector system enables a greater array of functions in a smaller installation space by conveniently combining different transmission media within a single interface. Depending on the application, inserts can be arranged in flexible module sizes in line with requirements. With the RockStar® ModuPlug configurator, you can compile frames, modules, contacts and accessories according to your needs via drag and drop, and have your personalised connector combination delivered ready for use.

Your special advantages

- Modular system for greater functionality in a confined space
- Four module sizes for customised connector combinations
- Configure connectors according to your needs and have them delivered ready for use



www.weidmueller.com/rockstar-moduplug



Half the pitch

Half the module grid size in the frame means double the number of module slots and increased functionality in the same space.



High-speed module

The compact bus module can accommodate megabit and gigabit data inserts, allowing the integration of one or two Cat. 6_x connections, each with 10 Gbps, into one module.



Simple configuration

The RockStar® ModuPlug online configurator enables fast and easy compilation of frames, modules, contacts and accessories using drag and drop.

Technical data - RockStar® ModuPlug - Modules

Type	Version	No. of poles	Rated voltage (DIN EN 61984)	Rated current (DIN EN 61984)	Order No.	Qty.
HDC MHP 100 MC	Male	2	1000	100	1429060000	1
HDC MHP 100 FC	Female	2	1000	100	1429080000	1
HDC MHX 4P MC	Male	4	830	40	1428950000	1
HDC MHX 4P FC	Female	4	830	40	1428970000	1
HDC MHX 3 MC	Male	3	690	40	1429340000	1
HDC MHX 3 FC	Female	3	690	40	1429350000	1
HDC MHE 6P MC	Male	6	830	16	1505650000	1
HDC MHE 6P FC	Female	6	830	16	1505660000	1
HDC MHE 20 MC	Male	20	500	16	1428910000	1
HDC MHE 20 FC	Female	20	500	16	1428930000	1
HDC MHE 8 MC	Male	8	400	16	1428880000	1
HDC MHE 8 FC	Female	8	400	16	1428890000	1
HDC MHE 6 MC	Male	6	500	16	1429360000	1
HDC MHE 6 FC	Female	6	500	16	1429370000	1
HDC MHD 36 MC	Male	36	250	10	1428860000	1
HDC MHD 36 FC	Female	36	250	10	1428870000	1
HDC MHD 12 MC	Male	12	250	10	1428840000	1
HDC MHD 12 FC	Female	12	250	10	1428850000	1
HDC MBUS 2 MC	Male				1428990000	1
HDC MBUS 2 FC	Female				1429020000	1
HDC MDU					1429040000	1

Technical data - RockStar® ModuPlug - Data cables

Type	Module side version	Opposite side version	Category	Cable length	Order No.	Qty.
HDC XX5E01 FOXXXX-0100	Female	open	Cat. 5e	1 m	2003920100	1
HDC XX5E01 MOXXXX-0100	Male	open	Cat. 5e	1 m	2003890100	1
HDC XX5E01 MFSXXX-0050	Male	Female, straight	Cat. 5e	0.5 m	2453550050	1
HDC XX5E01 MFSXXX-0100	Male	Female, straight	Cat. 5e	1 m	2453550100	1
HDC XX5E01 MFSXXX-0150	Male	Female, straight	Cat. 5e	1.5 m	2453550150	1
HDC XX5E01 MFSXXX-0300	Male	Female, straight	Cat. 5e	3 m	2453550300	1
HDC XX5E01 MFSXXX-0500	Male	Female, straight	Cat. 5e	5 m	2453550500	1
HDC XX5E01 FMSM12D-0100	Female	Male, straight, M12D	Cat. 5e	1 m	2451120100	1
HDC XX5E01 MMSM12D-0100	Male	Male, straight, M12D	Cat. 5e	1 m	2451110100	1
HDC XX5E01 MMSRJ45-0100	Male	Male, straight, RJ45	Cat. 5e	1 m	2450490100	1
HDC XX5E01 FMSRJ45-0100	Female	Male, straight, RJ45	Cat. 5e	1 m	2451080100	1
HDC XX6A01 FOXXXX-0100	Female	open	Cat. 6A	1 m	2003850100	1
HDC XX6A01 MOXXXX-0100	Male	open	Cat. 6A	1 m	2003820100	1
HDC XX6A01 MFSXXX-0050	Male	Female, straight	Cat. 6A	0.5 m	2453540050	1
HDC XX6A01 MFSXXX-0100	Male	Female, straight	Cat. 6A	1 m	2453540100	1
HDC XX6A01 MFSXXX-0150	Male	Female, straight	Cat. 6A	1.5 m	2453540150	1
HDC XX6A01 MFSXXX-0300	Male	Female, straight	Cat. 6A	3 m	2453540300	1
HDC XX6A01 MFSXXX-0500	Male	Female, straight	Cat. 6A	5 m	2453540500	1
HDC XX6A01 MMSM12X-0100	Male	Male, straight, M12X	Cat. 6A	1 m	2451130100	1
HDC XX6A01 FMSM12X-0100	Female	Male, straight, M12X	Cat. 6A	1 m	2451140100	1
HDC XX6A01 MMSRJ45-0100	Male	Male, straight, RJ45	Cat. 6A	1 m	2451090100	1
HDC XX6A01 FMSRJ45-0100	Female	Male, straight, RJ45	Cat. 6A	1 m	2451100100	1

Technical data - RockStar® ModuPlug - Frame

Type	Number of slots	Size	Order No.	Qty.
HDC MF 6B AB	2	3	1428920000	1
HDC MF 6B BA	2	3	1428940000	1
HDC MF 10B AC	3	4	1428960000	1
HDC MF 10B CA	3	4	1428980000	1
HDC MF 16B AD	4	6	1429010000	1
HDC MF 16B DA	4	6	1429030000	1
HDC MF 24B AF	6	8	1429050000	1
HDC MF 24B FA	6	8	1429070000	1

Reliable locking – comfortable handling

RockStar® – Bulkhead housing with new locking lever

Machinery, energy, transportation, and device manufacture: Heavy duty connectors are used to reliably transmit energy, signals and data. Our robust RockStar® housings protect sensitive contacts against external environmental influences and damages.

Due to their increased shock and vibration resistance, the new RockStar® bulkhead housings withstand even the toughest environmental conditions. Their interchangeable locking latches are 20 % lighter than before. The smooth and firmly locking latches simplify maintenance, increase machine availability, and facilitate locking and unlocking in confined spaces. Their robust stainless steel elements guarantee secure and durable locking.



Your special advantages

- Increased resistance against shock and vibration for optimal protection against environmental influences
- Replaceable locking lever
- 20 % weight savings per locking lever

Technical data

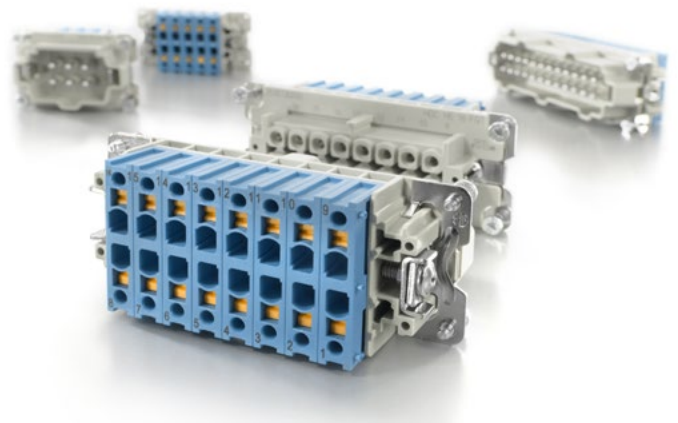
Type	Product type	Size	Suitable for ModuPlug®	Protection degree	Order No.	Qty.
HDC 06B ALU N	Enclosures	3	Yes	IP65	2488560000	1
HDC 10B ABU N	Enclosures	4	Yes	IP65	2488580000	1
HDC 16B ABU N	Enclosures	6	Yes	IP65	2488590000	1
HDC 24B ABU N	Enclosures	8	Yes	IP65	2488600000	1
Accessories						
HDC LL 06B N	Locking lever	3			2534550000	10
HDC LL 10B N	Locking lever	4, 6, 8			2535150000	10

Fast wiring and easy maintenance in field applications

HDC HE inserts with Quick Termination for efficient wiring

Fast installation and maintenance processes in the field make systems more economical. Our HDC QT inserts allow flexible use with or without wire end ferrules. Furthermore, they enable a tool-free installation and, thus, meet current customer requirements.

A key advantage of our new HDC HE inserts with quick termination is their high reliability. Even when using cables without wire end ferrules, a secure connection of the conductor is guaranteed. It withstands even severe environmental conditions with strong shocks and vibrations. With HDC QT inserts, maintenance can be significantly sped up and wiring in the field becomes more flexible, easier and safer.



Your special advantages

- High flexibility in field wiring
- High wiring efficiency to save manpower
- No special tools required for installation
- Troubleshooting as with terminal blocks

Technical data

Type	Size	No. of poles	Clamping range min. / max.	Rated voltage (DIN EN 61984) / Rated current (DIN EN 61984)	Plugging cycles, silver	Order No.	Qty.
HDC HE 6 FQT	3	6	0.5...2.5 mm ²	500 V / 16 A	≥ 500	2535110000	1
HDC HE 6 MQT	3	6	0.5...2.5 mm ²	500 V / 16 A	≥ 500	2534140000	1
HDC HE 10 FQT	4	10	0.5...2.5 mm ²	500 V / 16 A	≥ 500	2535120000	1
HDC HE 10 MQT	4	10	0.5...2.5 mm ²	500 V / 16 A	≥ 500	2535080000	1
HDC HE 16 FQT	6	16	0.5...2.5 mm ²	500 V / 16 A	≥ 500	2535130000	1
HDC HE 16 MQT	6	16	0.5...2.5 mm ²	500 V / 16 A	≥ 500	2535090000	1
HDC HE 24 FQT	8	24	0.5...2.5 mm ²	500 V / 16 A	≥ 500	2535140000	1
HDC HE 24 MQT	8	24	0.5...2.5 mm ²	500 V / 16 A	≥ 500	2535100000	1

Lighting for control cabinets and devices in the field

Weidmüller Industry Light: WIL

Control cabinets are often insufficiently lit. Conventional switchgear lamps, however, are too large and too expensive. The new Weidmüller Industry Light WIL is particularly compact and effective to make maintenance work in control cabinets more efficient and safe.

The WIL is an extremely small and robust LED light specifically designed for installation in standard switch cabinets. It illuminates the entire inside of a control cabinet with its wide light cone. In addition, it is protected against water and dust according to IP67. It can therefore be used as illumination in the field as well. The new WIL is available in different lengths, with open cable end, and with magnetic holder. Door switches are offered as supplements.



Your special advantages

- Wide light cone thanks to the unique LED arrangement
- Extremely robust aluminum housing
- Mounting holes at intervals of 225 mm for installation on most control cabinets
- M12 connector for fast and easy connection to the power supply
- WIL is available in the colours white, blue and red

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 / 420 mA	6500K, White	M12 / 0.3 m	2436210000	1
WIL-STANDARD-0.3-SCREW-SW-RED	240 mm	24 V DC / 360 mA	Red	M12 / 0.3 m	2436340000	1
WIL-STANDARD-0.3-SCREW-SW-BLU	240 mm	24 V DC / 360 mA	Blue	M12 / 0.3 m	2436350000	1
WIL-STANDARD-1.5-SCREW-SW-WHI	240 mm	24 V DC / 420 mA	6500K, White	without, M12 / 1.5 m	2527880000	1
WIL-STANDARD-3.0-SCREW-SW-WHI	240 mm	24 V DC / 420 mA	6500K, White	without, M12 / 3 m	2527890000	1
WIL-STANDARD-5.0-SCREW-SW-WHI	240 mm	24 V DC / 420 mA	6500K, White	without, M12 / 5 m	2527900000	1
WIL-STANDARD-10-SCREW-SW-WHI	240 mm	24 V DC / 420 mA	6500K, White	without, M12 / 10 m	2527910000	1
Magnetic fixation						
WIL-STANDARD-1.5-MAG-SW-WHI	240 mm	24 V DC / 420 mA	6500K, White	without, M12 / 1.5 m	2527920000	1
WIL-STANDARD-10-MAG-SW-WHI	240 mm	24 V DC / 420 mA	6500K, White	without, M12 / 10 m	2527950000	1
WIL-STANDARD-3.0-MAG-SW-WHI	240 mm	24 V DC / 420 mA	6500K, White	without, M12 / 3 m	2527930000	1
WIL-STANDARD-5.0-MAG-SW-WHI	240 mm	24 V DC / 420 mA	6500K, White	without, M12 / 5 m	2527940000	1
WIL length variants						
WIL-145-W-M12G-0.3U-S	145 mm	24 V DC / 210 mA	6500K, White	M12 / 0.3 m	2535770000	1
WIL-350-W-M12G-0.3U-S	350 mm	24 V DC / 630 mA	6500K, White	M12 / 0.3 m	2535810000	1
WIL-450-W-M12G-0.3U-S	450 mm	24 V DC / 840 mA	6500K, White	M12 / 0.3 m	2535830000	1
WIL-555-W-M12G-0.3U-S	555 mm	24 V DC / 1050 mA	6500K, White	M12 / 0.3 m	2535850000	1
WIL-655-W-M12G-0.3U-S	655 mm	24 V DC / 1260 mA	6500K, White	M12 / 0.3 m	2535870000	1
WIL-765-W-M12G-0.3U-S	765 mm	24 V DC / 1470 mA	6500K, White	M12 / 0.3 m	2535890000	1
WIL-860-W-M12G-0.3U-S	860 mm	24 V DC / 1680 mA	6500K, White	M12 / 0.3 m	2535910000	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	Brown +, Blue -	M12	3 m	2537710000	1
WIL-BM-SK	24 V DC	Brown +, Blue -			2537720000	1
WIL-BM-SK-M12-3.0U	24 V DC	Brown +, Blue -	M12	3 m	2537700000	1
Door switch						
WIL-TS-M12	24 V DC	Brown +, Blue -	M12	0.5 m	2537730000	1
Magnet						
WIL-MAGNET					2526810000	1

Fast and easy power distribution in small spaces

Plug-in power distributor for 24 V DC with safety feedback

Specially assembled distribution boxes are usually installed to power decentralized components in the field. This is a complex task and requires space. Our small, high-performance SAI-SVV-RM modules supply up to four components via one single cable and replace the distribution box.

SAI 4-way power distributors by Weidmüller were developed for applications with operating voltages of 24 V DC and have standardized T-coded M12 connectors. They are easy to assemble and suitable for high sum currents of up to 32 A due to integrated fuses. The special feature: potential-free, galvanically isolated feedback of the fuse state via 8-pin M12 connector significantly facilitates the maintenance of the modules.



Your special advantages

- Comfortable plug-in power distribution for sum currents up to 32 A
- Potential-free feedback of the fuse state
- Standardised M12 connector system with T-coding
- Extremely space-saving and easy to assemble
- Particularly economic because of easy installation and maintenance

Technical data

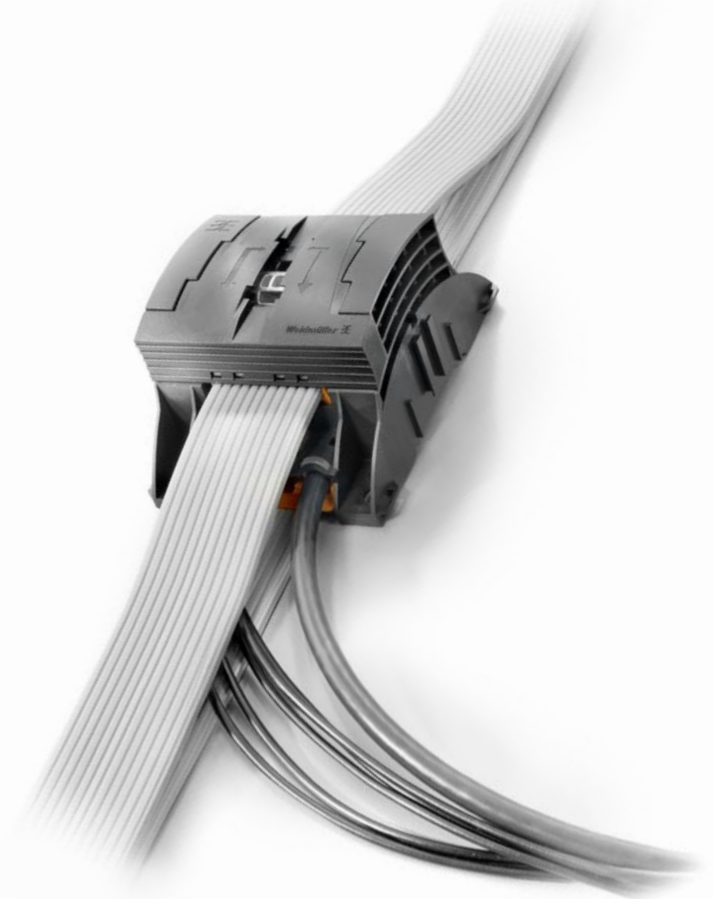
Type	Rated voltage	Total current	Max. current-carrying capacity per slot	Potential response	Order No.	Qty.
SAI-4-SVV-GM-RM-M12	10...48 V	32 A	10 A	Yes	2495280000	1

Efficient, systematic cabling

FieldPower® Elevator: A clever installation system for smart elevator shaft wiring

Traditional installation of electrical components in the elevator shaft is tedious and time consuming. This involves the installation of cable conduits, the preparation of connectors and cables as well as the guarantee of reliable safety circuit interruption.

The innovative shaft wiring box FieldPower® Elevator combines all components in a single solution. With the compact box, it's possible to easily make contact with a continuous flat ribbon cable on every floor carrying power, signals and data. This saves time, lowers material complexity and increases efficiency.



Your special advantages

- Fast and simple installation
- Less complexity and material expense
- Preconfigured for a variety of functions



Webcode: #11348



Let's connect.

Technical data

Type	Clamping range, min. / max.	Operating temperature / Storage temperature	Rated voltage	Rated current	Order No.	Qty.
FP ESWB LANDING SET	0.75...1.5 mm ²	-5 °C...50 °C / -5 °C...50 °C	230 V	6 A	2483990000	1
FP ESWB TERMINAL SET	0.75...1.5 mm ²	-5 °C...50 °C / -5 °C...50 °C	230 V	6 A	2524850000	1

Systemised marking – Consistent from planning to operation

M-Print® PRO eCAD automates component marking

Consistent labeling on the panel is time-consuming and cost-intensive. Software interfaces for Eplan Electric P8, Zuken E3 and WSCAD, enable the use of data from eCAD systems for component marking. The transfer of existing data makes system installation much more efficient.

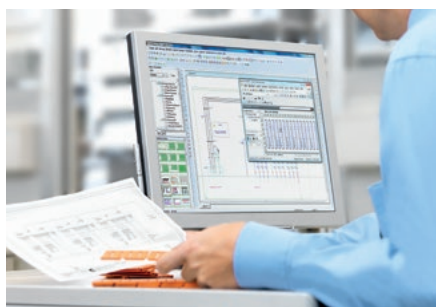
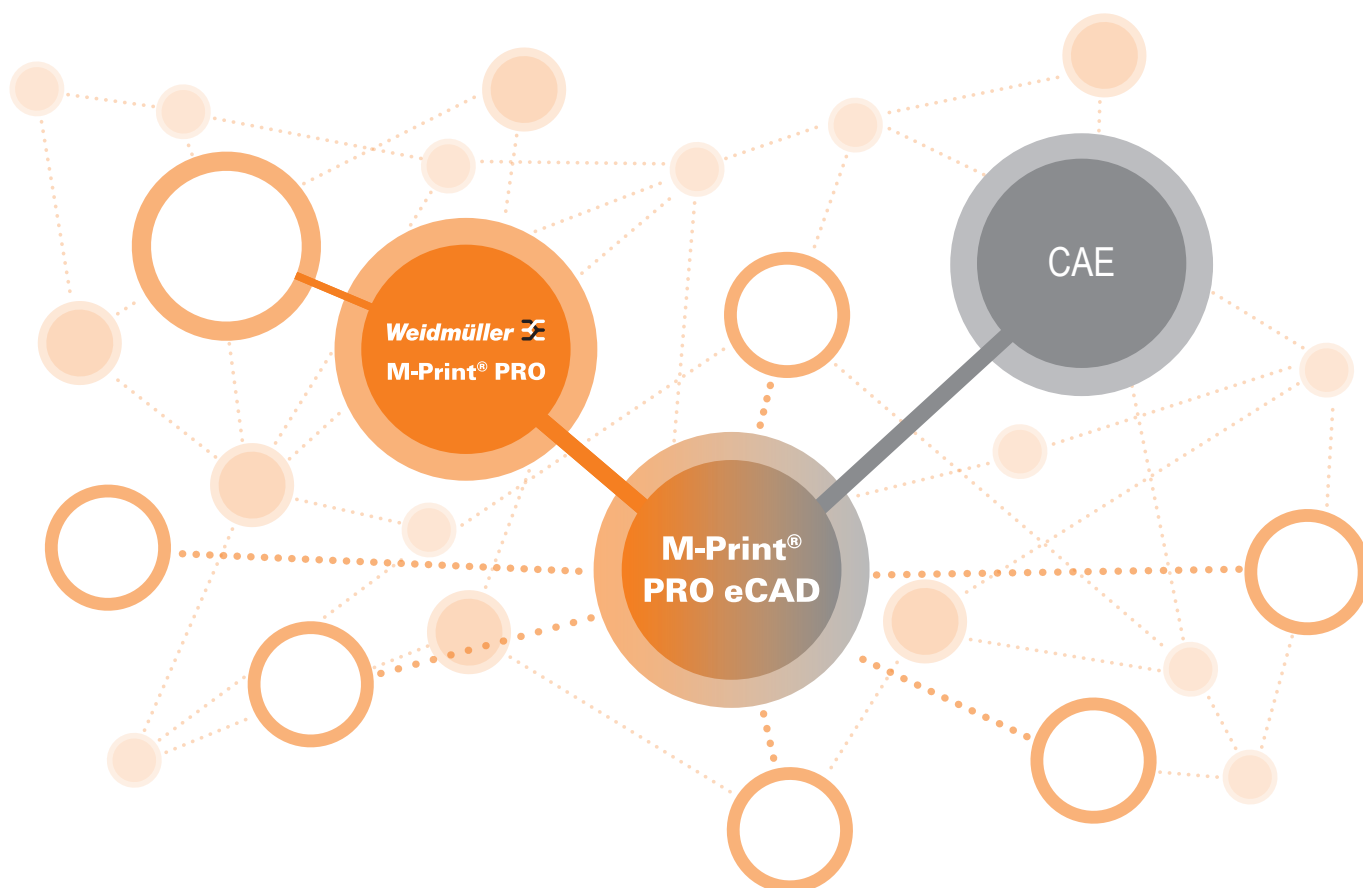
Data, which are already created in engineering systems, are transferred quickly and without errors to the M-Print® PRO labelling software. There, they can be further processed or transferred directly to the printing system. Due to the consistent flow of data, the creation or procurement process for markers is simplified significantly.

Your special advantages

- Continuous data usage with perfect preparation for follow-up processes
- Time and cost savings, while minimising error sources
- High marking quality due to clear mapping of component and marker



www.weidmueller.com/m-print-pro-ecad



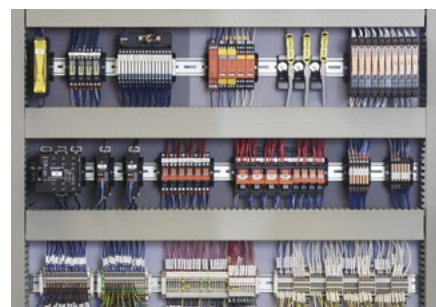
Ease of use

The interfaces use standard functions of eCAD software and M-Print® PRO. This makes handling easy and intuitive.



Application-specific data transfer

By means of flexible labelling schemes and import scripts, all required labelling texts can be generated. For example, data for type labels can be exported and printed.



Increased efficiency thanks to standardisation

By using macros and templates, project planning and data exchange are standardised, which improves both project quality and project efficiency.

Quick and economical marking

Labelling with MultiMark

Our MultiMark marking system provides a fast and reliable solution for any marking task you might need: for single terminals, wires, cables, or entire devices. The broad variety of the MultiMark product family allows you to optimally and sustainably structure each panel. Combined with our sophisticated M-Print® PRO configuration software and THM MultiMark thermal transfer printer, our system is perfectly tailored to meet any requirements.

Efficiency, safety and flexibility are the characteristics of our marking systems. For example, our terminal markers enable you to mark and snap on quickly. They also meet the high requirements for vibration and shock resistance across all manufacturers. Appropriate device markings in various shapes and colours facilitate clear, cross-vendor assignment of all components, e.g. for device tags, and command and signalling devices. MultiMark makes erroneous operation of your machines virtually impossible. We also provide a suitable solution for classic cable marking with a cable tie fixing. Highly flexible polyurethane cable markers follow every bend of the cable and are extremely durable. Our fast thermal transfer printer THM MultiMark ensures high-quality markings that resist external influences. The printer works especially economically at small and medium print volumes.

The MultiMark product family offers you suitable solutions for virtually any panel labelling task.

Your special advantages

- Over 600 marking products to choose from
- Practically all labelling requirements covered
- Fast printing, fast identification
- Handling benefits, e.g. with terminal markers
- Excellent material properties
- Convenient handling
- Clear print image



www.weidmueller.com/multimark



Snaps securely into place in combination

The smart composite material ensures perfect usage and handling. The hard, solid plastic base means that the marker can be reliably snapped into place, while the elastic outer material is very easy to grip and simplifies installation.



Highly flexible: SFX

Our SFX series cable markers are made from extremely flexible polyurethane and adapt to the cable routing. Available for cable diameters of 7.0 mm and above.



Prevention of incorrect operation

Always in the right place: the strong adhesive polyester labels are particularly suitable for labelling equipment.

Technical data

Type	Product type	Height / Width	Colour	Conductor O.D.	Order No.	Qty.
Terminal markers DEK and WS						
DEK 5/3.5 MM WS	Terminal marker	5 mm / 3.5 mm	White		2007100000	1000
DEK 5/5 MM WS	Terminal marker	5 mm / 5 mm	White		2007110000	800
DEK 5/6 MM WS	Terminal marker	5 mm / 6 mm	White		2007120000	600
DEK 5/8 MM WS	Terminal marker	5 mm / 8 mm	White		2007130000	500
DEK-A 5/8 MM WS	Terminal marker	5 mm / 8.1 mm	White		2448860000	500
WS 8/3.5 MM WS	Terminal marker	8 mm / 3.5 mm	White		2007140000	1000
WS 8/5 MM WS	Terminal marker	8 mm / 5 mm	White		2007150000	800
WS 8/6 MM WS	Terminal marker	8 mm / 6 mm	White		2007160000	600
WS 8/8 MM WS	Terminal marker	8 mm / 8 mm	White		2007170000	500
WS-A 8/8 MM WS	Terminal marker	8 mm / 8.1 mm	White		2448930000	500
WS 12/3.5 MM WS	Terminal marker	12 mm / 3.5 mm	White		2007180000	1000
WS 12/5 MM WS	Terminal marker	12 mm / 5 mm	White		2007190000	800
WS 12/6 MM WS	Terminal marker	12 mm / 6 mm	White		2007200000	600
WS 12/8 MM WS	Terminal marker	12 mm / 8 mm	White		2007210000	500
WS-A 12/8 MM WS	Terminal marker	12 mm / 8.1 mm	White		2448920000	500
Terminal marker MultiFit						
MF 10/5 MM WS	Terminal marker	10 mm / 5 mm	White		2519170000	600
MF 10/6 MM WS	Terminal marker	10 mm / 6 mm	White		2519180000	500
MF 10/8 MM WS	Terminal marker	10 mm / 8 mm	White		2519190000	400
MF 5/5 MM WS	Terminal marker	5 mm / 5 mm	White		2519200000	1200
MF 5/6 MM WS	Terminal marker	5 mm / 6 mm	White		2519210000	1000
MF 8/5 MM WS	Terminal marker	5 mm / 8 mm	White		2518500000	600
Cable markers SFX						
SFX 11/60 MM BL	Conductor and cable markers	60 mm / 11 mm	Blue		2519060000	1000
SFX 11/60 MM GN	Conductor and cable markers	60 mm / 11 mm	Green		2519050000	1000
SFX 11/60 MM RT	Conductor and cable markers	60 mm / 11 mm	Red		2519040000	1000
SFX 11/60 MM SW	Conductor and cable markers	60 mm / 11 mm	Black		2518650000	1000
SFX 30/60 MM BL	Conductor and cable markers	60 mm / 30 mm	Blue		2519140000	300
SFX 30/60 MM GN	Conductor and cable markers	60 mm / 30 mm	Green		2519110000	300
SFX 30/60 MM RT	Conductor and cable markers	60 mm / 30 mm	Red		2519130000	300
SFX 30/60 MM SW	Conductor and cable markers	60 mm / 30 mm	Black		2519120000	300
SFX 9/24 MM BL	Conductor and cable markers	26 mm / 15 mm	Blue		2519100000	1000
SFX 9/24 MM GN	Conductor and cable markers	26 mm / 15 mm	Green		2519080000	1000
SFX 9/24 MM RT	Conductor and cable markers	26 mm / 15 mm	Red		2519090000	1000
SFX 9/24 MM SW	Conductor and cable markers	26 mm / 15 mm	Black		2519070000	1000
Device marker SwitchMark						
SM 22/22 MM GE	Device markers	22 mm / 22 mm	Yellow		2535620000	1000
SM 22/22 MM GR	Device markers	22 mm / 22 mm	Grey		2535630000	1000
SM 22/22 MM WS	Device markers	22 mm / 22 mm	White		2535610000	1000
Device marker Endless 30 meters						
EL 12 MM BL 30M	Device markers	12 mm /	Blue		2518680000	1
EL 12 MM GN 30M	Device markers	12 mm /	Green		2528320000	1
EL 12 MM RT 30M	Device markers	12 mm /	Red		2528220000	1
EL 12 MM SW 30M	Device markers	12 mm /	Black		2528380000	1
EL 15 MM BL 30M	Device markers	15 mm /	Blue		2518990000	1
EL 15 MM GN 30M	Device markers	15 mm /	Green		2528330000	1
EL 15 MM RT 30M	Device markers	15 mm /	Red		2528270000	1
EL 15 MM SW 30M	Device markers	15 mm /	Black		2528390000	1
EL 27 MM BL 30M	Device markers	27 mm /	Blue		2519000000	1
EL 27 MM GN 30M	Device markers	27 mm /	Green		2528340000	1
EL 27 MM RT 30M	Device markers	27 mm /	Red		2528280000	1
EL 27 MM SW 30M	Device markers	27 mm /	Black		2528400000	1

Technical data

Type	Product type	Height / Width	Colour	Conductor O.D.	Order No.	Qty.
Device marker Endless 30 meters						
EL 38 MM BL 30M	Device markers	38 mm /	Blue		2519010000	1
EL 38 MM GN 30M	Device markers	38 mm /	Green		2528350000	1
EL 38 MM RT 30M	Device markers	38 mm /	Red		2528290000	1
EL 38 MM SW 30M	Device markers	38 mm /	Black		2528410000	1
EL 60 MM BL 30M	Device markers	60 mm /	Blue		2519020000	1
EL 60 MM GN 30M	Device markers	60 mm /	Green		2528360000	1
EL 60 MM RT 30M	Device markers	60 mm /	Red		2528300000	1
EL 60 MM SW 30M	Device markers	60 mm /	Black		2528420000	1
EL 100 MM BL 30M	Device markers	100 mm /	Blue		2519030000	1
EL 100 MM GN 30M	Device markers	100 mm /	Green		2528370000	1
EL 100 MM RT 30M	Device markers	100 mm /	Red		2528310000	1
EL 100 MM SW 30M	Device markers	100 mm /	Black		2528430000	1
Inlay tags ELS						
ELS 7/40 MM GE	Insert markers	40 mm / 6.3 mm	Yellow		2519160000	3000
ELS 7/40 MM WS	Insert markers	40 mm / 6.3 mm	White		2518620000	3000
HS... 12 mm						
HS 0.8-2.4/12 MM W	Conductor and cable markers	12.7 mm / 5 mm	White	0.8 - 2.4 mm	2526030000	4000
HS 0.8-2.4/12 MM Y	Conductor and cable markers	12.7 mm / 5 mm	Yellow	0.8 - 2.4 mm	2526060000	4000
HS 1.0-3.2/12 MM W	Conductor and cable markers	12.7 mm / 6.2 mm	White	1 - 3.2 mm	2526070000	4000
HS 1.0-3.2/12 MM Y	Conductor and cable markers	12.7 mm / 6.2 mm	Yellow	1 - 3.2 mm	2526080000	4000
HS 1.6-4.8/12 MM W	Conductor and cable markers	12.7 mm / 8.7 mm	White	1.6 - 4.8 mm	2526090000	4000
HS 1.6-4.8/12 MM Y	Conductor and cable markers	12.7 mm / 8.7 mm	Yellow	1.6 - 4.8 mm	2526100000	4000
HS 2.1-6.4/12 MM W	Conductor and cable markers	12.7 mm / 11.3 mm	White	2.1 - 6.4 mm	2526110000	4000
HS 2.1-6.4/12 MM Y	Conductor and cable markers	12.7 mm / 11.3 mm	Yellow	2.1 - 6.4 mm	2526120000	4000
HS 3.2-9.5/12 MM W	Conductor and cable markers	12.7 mm / 16.1 mm	White	3.2 - 9.5 mm	2526130000	2000
HS 3.2-9.5/12 MM Y	Conductor and cable markers	12.7 mm / 16.1 mm	Yellow	3.2 - 9.5 mm	2526140000	2000
HS 4.2-12.7/12 MM W	Conductor and cable markers	12.7 mm / 20.9 mm	White	4.2 - 12.7 mm	2526150000	2000
HS 4.2-12.7/12 MM Y	Conductor and cable markers	12.7 mm / 20.9 mm	Yellow	4.2 - 12.7 mm	2526160000	2000
HS-HF... 12 mm halogen-free						
HS-HF 1.2-2.4/12 MM W	Conductor and cable markers	12.7 mm / 5 mm	White	1.2 - 2.4 mm	2526230000	4000
HS-HF 1.2-2.4/12 MM Y	Conductor and cable markers	12.7 mm / 5 mm	Yellow	1.2 - 2.4 mm	2526240000	4000
HS-HF 1.6-3.2/12 MM W	Conductor and cable markers	12.7 mm / 6.2 mm	White	1.6 - 3.2 mm	2526250000	4000
HS-HF 1.6-3.2/12 MM Y	Conductor and cable markers	12.7 mm / 6.2 mm	Yellow	1.6 - 3.2 mm	2526260000	4000
HS-HF 2.4-4.8/12 MM W	Conductor and cable markers	12.7 mm / 8.7 mm	White	2.4 - 4.8 mm	2526270000	4000
HS-HF 2.4-4.8/12 MM Y	Conductor and cable markers	12.7 mm / 8.7 mm	Yellow	2.4 - 4.8 mm	2526280000	4000
HS-HF 3.2-6.4/12 MM W	Conductor and cable markers	12.7 mm / 11.3 mm	White	3.2 - 6.4 mm	2526290000	4000
HS-HF 3.2-6.4/12 MM Y	Conductor and cable markers	12.7 mm / 11.3 mm	Yellow	3.2 - 6.4 mm	2526300000	4000
HS-HF 4.8-9.5/12 MM W	Conductor and cable markers	12.7 mm / 16.1 mm	White	4.8 - 9.5 mm	2526310000	2000
HS-HF 4.8-9.5/12 MM Y	Conductor and cable markers	12.7 mm / 16.1 mm	Yellow	4.8 - 9.5 mm	2526320000	2000
HS-HF 6.4-12.7/12 MM W	Conductor and cable markers	12.7 mm / 20.9 mm	White	6.4 - 12.7 mm	2526330000	2000
HS-HF 6.4-12.7/12 MM Y	Conductor and cable markers	12.7 mm / 20.9 mm	Yellow	6.4 - 12.7 mm	2526340000	2000
HSS-HF... Halogen-free Endless 30 meters						
HSS-HF 1.2-2.4 EL SW30M	Conductor and cable markers	4.2 mm	Black	1.2 - 2.4 mm	2518740000	1
HSS-HF 1.6-3.2 EL SW30M	Conductor and cable markers	5.6 mm	Black	1.6 - 3.2 mm	2518920000	1
HSS-HF 12.7-25.4 EL SW30M	Conductor and cable markers	25.4 mm	Black	12.7 - 25.4 mm	2518980000	1
HSS-HF 2.4-4.8 EL SW30M	Conductor and cable markers	7.6 mm	Black	2.4 - 4.8 mm	2518930000	1
HSS-HF 3.2-6.4 EL SW30M	Conductor and cable markers	10.7 mm	Black	3.2 - 6.4 mm	2518940000	1
HSS-HF 4.8-9.5 EL SW30M	Conductor and cable markers	15.1 mm	Black	4.8 - 9.5 mm	2518950000	1
HSS-HF 6.4-12.7 EL SW30M	Conductor and cable markers	20.9 mm	Black	6.4 - 12.7 mm	2518960000	1
HSS-HF 9.5-19.1 EL SW30M	Conductor and cable markers	30.9 mm	Black	9.5 - 19.1 mm	2518970000	1

Incorporating your CAE data in the Production

Automated cutting and subsequent displaying of cable termination

The fast and correct transfer of planning data into production increases process reliability. The CUTFIX 8 has an integrated interface for easy use of CAE data. Planning data are available directly for panel production.

The CUTFIX 8 interface allows CAE data to be the source for the machine programming. In addition to cable length, the routing of the cable can be displayed, greatly simplifying the wiring process. Although CAE data is transferred as an entire project, the machine guides the user through the process wire for wire. The manual mode can also be used to simply input the desired length of cable.



Your special advantages

- Integrated interface for reading CAE data
- Cutting of round conductors up to 8 mm outside diameter
- Store up to 2,000 separate cutting jobs
- Easy operation via touch display
- Purely electrical operation

Technical data

Type	Flexible/solid individual conductors	Storage	Length preselection	Interface	Electrical connection	Order No.	Qty.
CUTFIX 8 INTERFACE	max. 10 mm ² / max. 2.5 mm ²	Up to 2,000 cutting jobs	2...99999 mm	USB 1.1, USB 2.0	100 - 240 V / 50 Hz / 240 VA	2580010000	1

Revolutionising simplicity at varying cross-sections

CRIMPFIX R VARIO, the flexible and robust all-rounder

The new CRIMPFIX R VARIO enables reliable processing of wire end ferrules on reel. All cross-sections in range of 0.5 to 2.5 mm² (AWG 20 – 14) are installed and enabling an ease of use at varying cross-sections.

The CRIMPFIX R VARIO enables the processing of various conductors in the cross-section range. Changeovers are carried out simply by selecting the appropriate cross-section on the touch display. Flexibility is guaranteed as the CRIMPFIX R VARIO can process a wide range of insulation thicknesses and crimping lengths, always delivering the desired crimping result.



Your special advantages

- Reliable conductor processing in the cross-section range 0.5 – 2.5 mm²
- Processing of different crimping lengths (8 and 10 mm)
- Variable insert for wire end ferrules with plastic collars in standard and special sizes
- Short cycle times
- Simple, intuitive and user-friendly operation

Technical data

Type	Stripping range	Crimping length	Pulse time	Electrical connection	Compressed air connection	Order No.	Qty.
CRIMPFIX R VARIO	0.5 - 2.5 mm ² (~AWG 20-14)	8/10 mm	approx. 2 s	100 - 240 V / 50/60 Hz / 16 VA	5.5 bar	2580000000	1

Safe installation with controlled force

Torque-screwdrivers for electrical installation

Safe installation and maintenance of electrical equipment and devices are essential for every industrial application. Weidmüller torque tools are indispensable for mechanics, electricians and electronic engineers because they combine precision and safety.

Whether you need standard-design torque-screwdrivers, or VDE- and GS-tested special tools approved up to 1,000 V: Weidmüller has suitable torque tools for all industrial requirements. The improved mechanical properties assure an even longer product lifetime. An integrated slimBit bit holder with proven SlimFix technology, as well as particularly slim blades, enable good accessibility even in tight working environments.

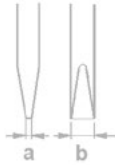


Your special advantages

- Longer service life due to improved internal mechanical properties
- Integrated slimBit bit holder, VDE- and GS-tested up to 1,000 V and usable for all slimBit bits
- Optimal accessibility due to particularly slim blades thanks to proven SlimFix technology with integrated insulation



www.weidmueller.com/slimbits



Technical data

Type	Size/SF	Blade thickness (A)	Blade width (B)	Order No.	Qty.
DMSI MANUELL 0,5-1,7	1.7			9918390000	1
DMSI MANUELL 2,0-7,0	7			9918400000	1
Bit holder					
WK I SLIM BIT				2489300000	1
VDE slimBits					
WB SI SL 0.4X2.5	0.4	0.4	2.5	2433160000	1
WB SI SL 0.5X3.0	0.6	0.5	3	2433170000	1
WB SI SL 0.6X3.5	2.5	0.6	3.5	2433180000	1
WB SI SL 0,8x4,0	2.5	0.8	4	2433190000	1
WB SI SL 1,0x5,5	5.5	1	5.5	2433200000	1
WB IK SL PH1	3.8			2433210000	1
WB IK SL PH2	5.5			2433220000	1
WB IK SL PZ1	3.8			2433230000	1
WB IK SL PZ2	5.5			2433240000	1
WB I T10	3.8			2506000000	1
WB I T15	5			2506010000	1
WB I T20	5.5			2506020000	1
WB I VK 1	5.5			2506030000	1
WB I VK 2	5.5			2506040000	1
WB I SK 2.5	3.8			2506050000	1
WB I SK 3	5.5			2506060000	1
WB I SK 4	5.5			2506070000	1
WB I SK 5	5.5			2506080000	1

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 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



**Configure to Order
for assembled
products**

Selection
service level

4-day Fast Delivery Service

Maximum delivery speed, selected product range

The ideal solution for the narrowest of timeframes

- The best solution for the necessary technical functions and fast availability for terminal strips ✓
- Orders from 1 to 30 units possible ✓
- Ready for dispatch from Germany in 4 days ✓



9-day Delivery Service

Broad range, dependable availability

Diverse options, also for short implementation phases

- The best solution for the necessary technical functions and fast availability for empty and assembled enclosures ✓
- Orders from 1 to 10 units possible ✓
- Ready for dispatch from Germany in 9 days ✓



Direct Offer Service

Individual configuration, direct offer

Unlimited selection for longer-term planning horizons

- Individual configuration for assembled rails and for empty and assembled enclosures ✓
- Delivery time on request ✓



Request

Offer provided in minutes

Available 24/7, including order numbers for direct ordering



Assembly in quantities of 1 or more

Ready-to-install assembly that meets your individual specifications



Reliable delivery

Depending on service level ready for shipment in 4 - 9 days from Germany



The Weidmüller range at a glance

A world full of connections



Applications



Photovoltaics



Wind



Weidmüller Monitoring Systems



Machinery

Devices



Electronic housings



PCB RJ 45 sockets



PCB USB sockets



PCB power connectors
PUSH IN



PCB power connectors
screw



PCB power terminals
PUSH IN



PCB power terminals
screw



PCB signal connectors
PUSH IN



PCB signal connectors
screw



PCB signal terminals
PUSH IN



PCB signal terminals
screw

Cabinet



Wireless routers



Routers



IoT gateways



IoT controllers with
web-based engineering



Multi-touch panels



Communicative signal
processing



Remote I/O



Switches unmanaged



Switches managed



Cable connectors



Communication-capable
power supply



Service interfaces



Energy monitoring



Analogue signal conditioning



Solid-state relays



Power supplies



Buffer/UPS/Batteries



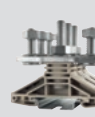
Control voltage distribution



Safety relays



Surge protection signals



Terminals stud



Terminals screw



Terminals tension clamp



Terminals PUSH IN



Shielding and earthing



Interfaces



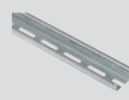
Surge protection power



Relay modules



Relays and solid-state relays



Mounting rails



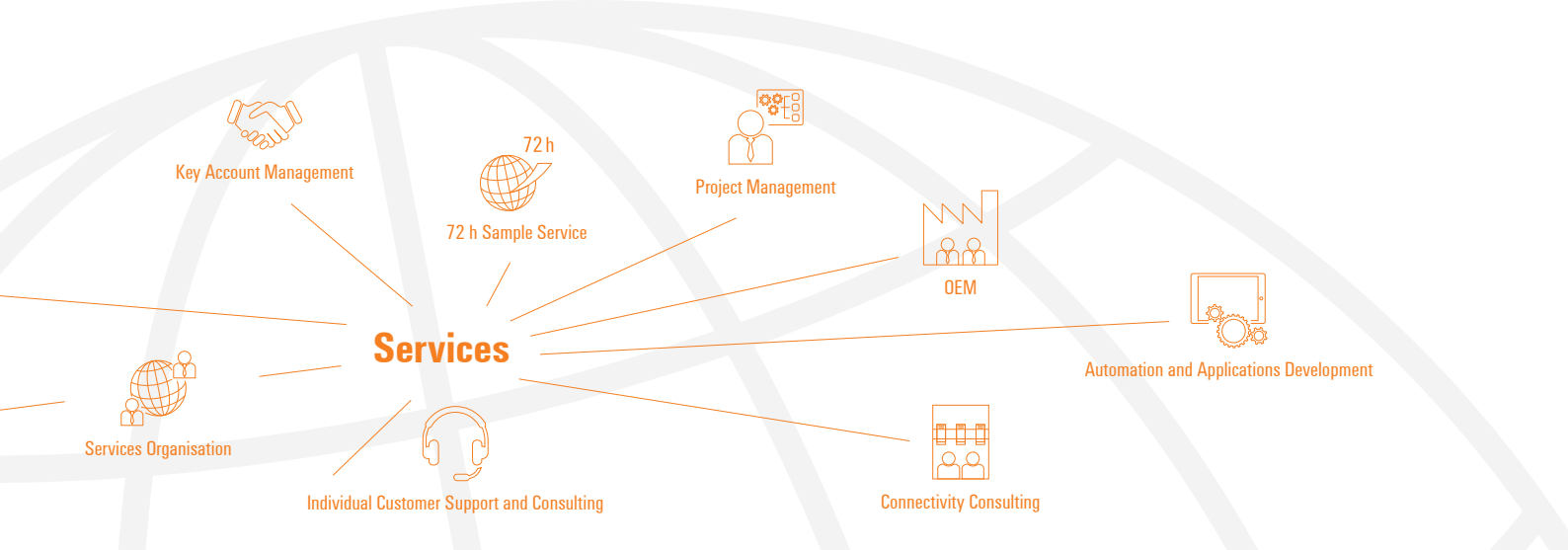
Assembled rails



Cable ducts



Filter fans



Remote Maintenance



Terminal Strip Assembly



Enclosure Assembly



Industrial Analytics

Field



IE connections



Unmanaged switches IP67



Contactless power transmission



SAI remote I/O



SAI passive



SAI interfaces



Decentralised power bus systems



Heavy-duty connectors



HighPower connectors



IE interfaces



Cord sets



Cable entry systems



Stainless steel enclosures



Aluminium enclosures



Plastic enclosures



Cable glands

Workplace



Weidmüller Configurator



Systemised marking software



Printers (ink application)



Printers (thermal transfer)



Wire markers



Cable markers



Terminal markers



Device markers



Testing



Other tools



Cutting



Stripping



Crimping



Machines

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.

Fast access to our support and services is available via Weidmüller webcodes. Simply select the service you want on the right hand side, then enter the webcode made up of five digits with a preceding hashtag into the search field in the top right corner of www.weidmueller.com and it will bring up the details you need.



Online and personal support

From planning through installation to operation, we can provide exactly the right help and information for each step of your application based on our solutions and products: up-to-date, uncomplicated and comprehensive, around the clock, online or in person.



Visit our website
for more information

www.weidmueller.com/service

Let's connect.

Engineering Support

As a developer, you need simple processes and system-wide tools. We support you in your development environment with comprehensive data, software tools and interfaces, product selection guides and development samples.



Engineering data
Webcode #01219



Product software
Webcode #01212



Whitepaper for device connectivity
Webcode #11359



Engineering software
Webcode #11377



Product configurators, product selection guides and samples
Webcode #01214

Technical data and downloads

Download all the documents and software relating to our products by simply entering the item number. You can also view our Online Catalogue and research the technical properties of our products.



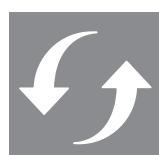
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Security Advisory Board
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Product Change Notification
Webcode #11425

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Technical catalogue in PDF Format
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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.

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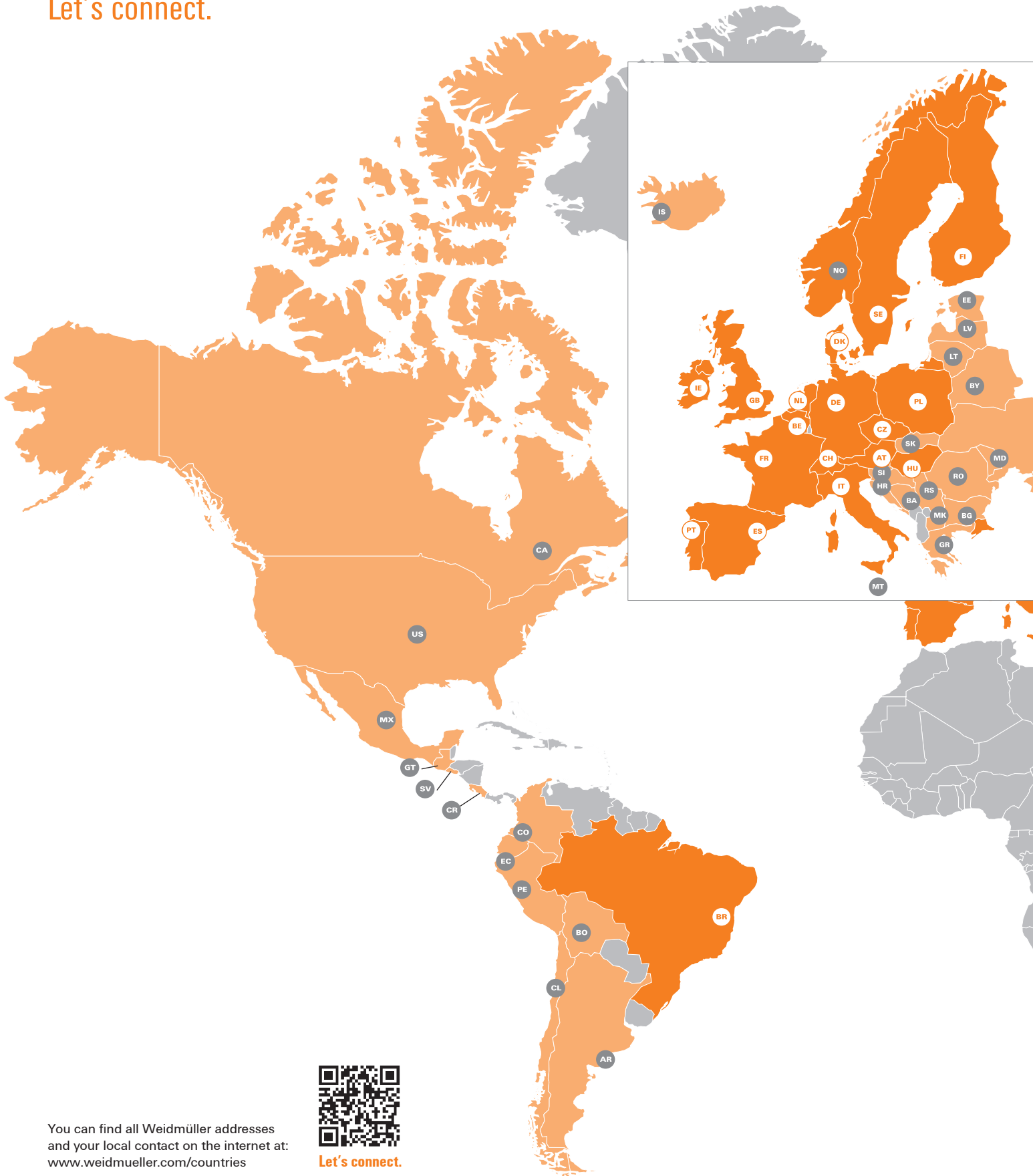
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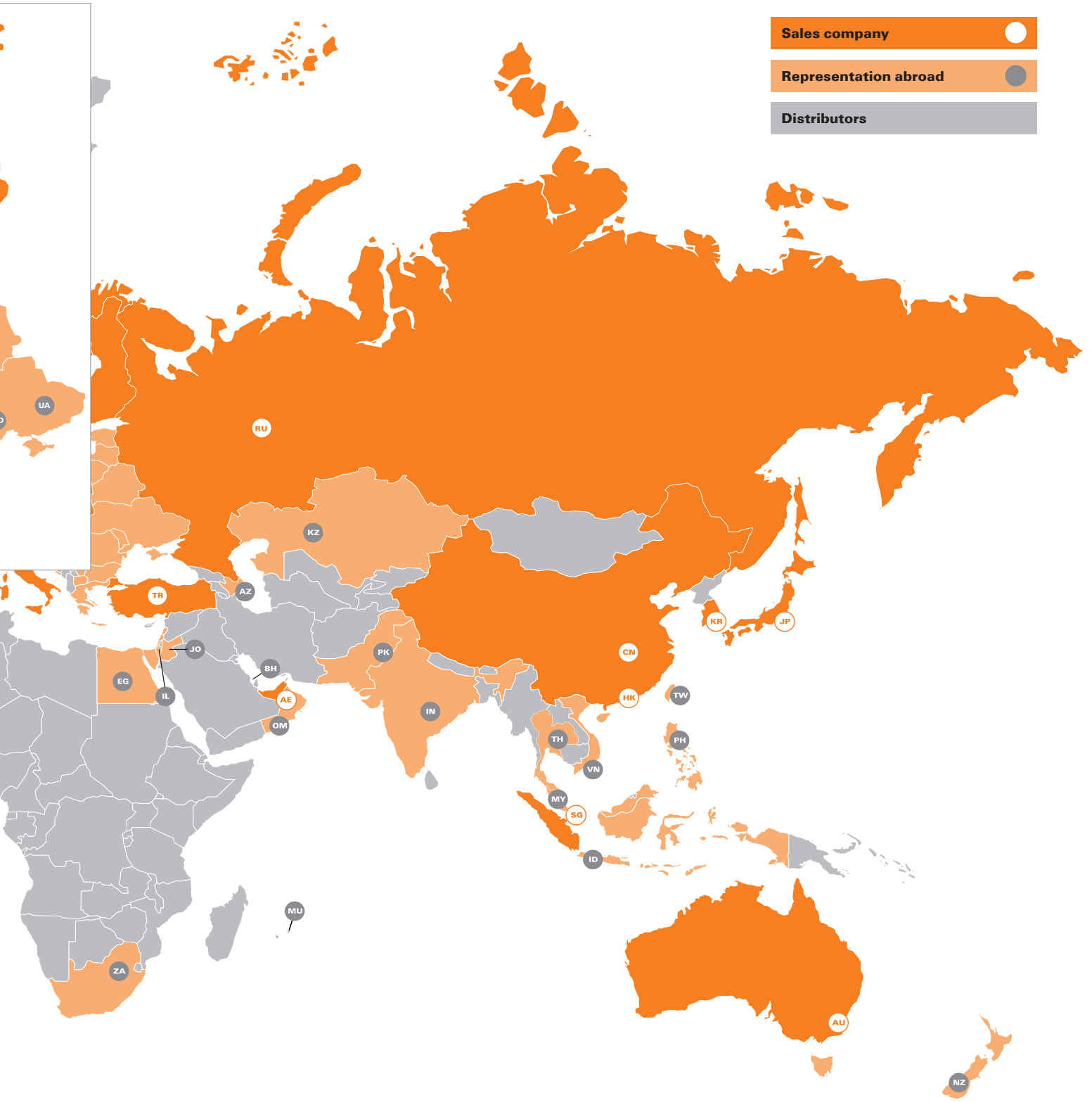
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