

**You're striving towards new solutions**  
**We're presenting the best connections of 2017/18**  
Let's connect.



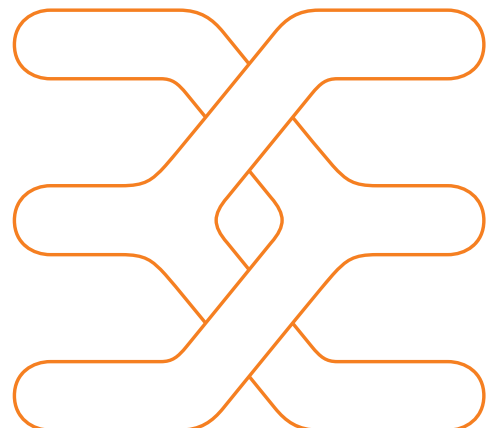
# Practical connectivity for your industry

## 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. In our focus industries, 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 a recent proof with the descriptions of our new products.

Find out about u-mation: our platform-independent automation kit is individually scalable and suitable for many applications to support the advance of your digital transformation process. PROtop is our new communication-capable high-end power supply, which enables permanent status monitoring and a complete integration into control systems. Our maintenance-free PV SMART combiner boxes simplify installation and deliver optimum output performance, even after many years of operation. With tailored application products and process-supporting services, Klippon® Connect will support you in all phases of panel building. Our ready-to-use preassembled cordsets are a standardised plug-and-produce solution for more efficiency in assembly and operation. The modular connector system RockStar® ModuPlug allows you to combine all necessary functions of power, signal, and data transmission in a single interface. With OMNIMATE® Power, we present a flexible, complete solution for all applications in the field of power electronics. Finally, with our smart all-in-one marking system MultiMark, we offer practical marking solutions for all your applications. Let's connect.



Electronics and automation

Future-proof Industry 4.0 solutions

With a combination of automation and digitalisation

10



**Optimal display and operation**  
u-view Multitouch-Panels: Brilliant pictures meet elegant, flat design

22



**Integrate analogue signal converters quickly and safely**  
ACT20P products with PUSH IN connection

30



**Load monitoring and potential distribution combined**  
maxGUARD – taking control voltage distribution to a new level

36

More performance. Simplified.

With the automation solution toolbox u-mation

12

Communicative components

The foundation for fully networked production facilities

24



**Signal converters without auxiliary power supply**  
ACT20P products can be loop powered via input or output

32



**Everlasting and reliable power supply for machines and systems**  
Redundant power supplies for maximum system availability

38



**Collect and forward signals remotely outside of the cabinet**  
IP67 Remote I/O Modules with three fieldbus protocols

14



**Ready for the challenges of tomorrow**  
With the communication-capable power supply PROtop

26



**Current measurement and isolation without auxiliary power supply**  
PicoPak-CI-CO-LP, the smallest current measurement isolator on the market

33



**Efficient and secure Ethernet networking of machines and systems**  
Gigabit Security Router with 2/6 ports and LTE/4G interface

39



**Increased performance in ship automation**  
u-remote for shipbuilding, approved by classification societies

16



**Quick and reliable monitoring of limit values**  
ACT20P limit monitoring relays for a wide range of applications

28



**Reliable monitoring of components in ship automation**  
ACT20P and ACT20C current transformers with DNV GL approval

34



**Universal Wi-Fi networking for Industrial Ethernet infrastructures**  
High-speed Wi-Fi devices according to IEEE 802.11a/b/g/n standard

40



**Monitor electrical data of individual consumers in real time**  
Energy consumption measurement and monitoring with u-remote

20



**Achieving the highest measurement accuracy in diverse applications**  
ACT20P PRO RTCI-AQ-DO-S impresses with extremely simple configuration

29



**Installation of particularly compact and reliable connection solutions**  
BHF 5.00 PUSH IN for CH20M housings

35



**Compact timing relay for easy adjustment of control signals**  
IT-TIMER – multi-functional timing relay with multi-voltage input

41

Connectivity

|                                                                                             |                                                                                                                      |    |                                                                                                                            |    |                                                                                       |                                                                                                                                                   |    |                                                                                                                |                                                                                                                                                        |    |
|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----|
|            | <b>Functional safety for applications in the process industry</b><br>Safety relay for use with Triconex® safety PLCs | 42 | <b>Extra efficiency in panel planning, installation and operation</b><br>Klippon® Connect offers added value at all stages | 48 |    | <b>Reliable and efficient power supply</b><br>Convenient potential distribution with Klippon® Connect                                             | 58 | <b>Panel building requires innovative ideas</b><br>Klippon® Connect delivers pioneering connectivity solutions | 72                                                                                                                                                     |    |
| <b>Increase your investments' added value</b><br>With the next generation of combiner boxes |                                                                                                                      | 44 | <b>Fast tracking planning processes effectively</b><br>The Weidmüller Configurator simplifies configuration and ordering   | 50 |   | <b>Fast wiring on three tiers</b><br>Klippon® Connect for optimum wiring in confined spaces                                                       | 60 |                            | <b>Reliable and efficient power supply</b><br>Convenient connection with Klippon® Connect                                                              | 74 |
|          | <b>Uncompromising durability and cost efficiency</b><br>Customer-specific PV SMART combiner boxes                    | 46 | <b>Greater flexibility in your project planning</b><br>Fast Delivery Service for ready-to-install terminal strips          | 52 |  | <b>Optimum wiring in confined spaces</b><br>Klippon® Connect 2-tier terminal blocks                                                               | 62 |                           | <b>Distribution of energy and zero potential in a secure and efficient way</b><br>WPD distribution blocks for potential distribution, also in Ex areas | 78 |
|                                                                                             | <b>Solutions for more productivity</b><br>Extremely flexible process design – with Klippon® Connect                  |    |                                                                                                                            | 54 |  | <b>Fast, flexible and efficient connection of functional units</b><br>Klippon® Connect modular pluggable terminal blocks                          | 64 |                           | <b>The secure and efficient way of distributing power</b><br>Klippon® Connect provides the required flexibility                                        | 82 |
|                                                                                             |                                   |    | <b>Standardised implementation of efficient solutions</b><br>Klippon® Connect universal products with PUSH IN technology   | 56 |  | <b>Safety, protection, and reliable disconnection of electrical circuits</b><br>Klippon® Connect combines protective functions and quick assembly | 68 |                           | <b>Clear wiring for high-density signalling levels</b><br>Klippon® Connect provides high-density wiring                                                | 84 |

|                                                                                     |                                                                                                                    |    |                                                                                     |                                                                                                                               |     |                                                                                       |                                                                                                                                              |     |                                                                                                                     |                                                                                                                   |     |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----|
|    | <b>Safe supply to equipment in the panel</b><br>Klippon® Connect for optimum control voltage distribution          | 86 |    | <b>Reliable locking - comfortable handling</b><br>RockStar® - Bulkhead housing with new locking lever                         | 100 |    | <b>Access efficiently plants, processes, and protection units</b><br>FrontCom® Vario double frame provides more ports and a larger interface | 106 | <b>Solutions for power electronics</b><br>The right connection for every application                                | 110                                                                                                               |     |
|   | <b>Protection of modern PV applications</b><br>WSI 25 10X85 1.5KV fuse terminal blocks for PV systems with 1,500 V | 90 |   | <b>Efficient, systematic cabling</b><br>FieldPower® Elevator:<br>A clever installation system for smart elevator shaft wiring | 101 |   | <b>Connection of 24 V DC power supplies in harsh environments</b><br>PushPull Power connectors for PROFINET                                  | 108 | <b>Shape device development in a uniquely efficient way</b><br>OMNIMATE® services make sure you get perfect results | 112                                                                                                               |     |
|  | <b>Plug-and-produce rather than complex assembly</b><br>Ready-for-connection cables for every requirement          | 92 |  | <b>Highly flexible use of energy bus systems</b><br>FieldPower® adapter solutions for decentralized automation                | 102 |  | <b>Protect your photovoltaic systems against surge damages</b><br>VARITECTOR PU PV: Surge protection with latest technology                  | 109 |                                | <b>Secure and efficient connection of power electronics devices</b><br>PUSH IN-connector with wire-ready function | 114 |
|  | <b>More freedom - less effort</b><br>RockStar® ModuPlug sets new standards                                         | 94 |  | <b>Fast and easy power distribution in small spaces</b><br>Plug-in power distributor for 24 V DC with safety feedback         | 103 |  | <b>Reliable and efficient connection for powered electronic devices</b><br>LLF Series PCB terminal up to 6 mm² with PUSH IN connection       |     |                                                                                                                     | 118                                                                                                               |     |
|  | <b>Half the pitch, twice the module slots</b><br>Because RockStar® ModuPlug means less is more                     | 96 |  | <b>Lighting for control cabinets and devices in the field</b><br>Weidmüller Industry Light: WIL                               | 104 |  | <b>Reliable and efficient connection for power electronic devices</b><br>LUF Series PCB terminal up to 16 mm² with PUSH IN connection        |     |                                                                                                                     | 122                                                                                                               |     |

Device Connectivity

Marking system



**Reliable transmission of high-frequency data**  
OMNIMATE® data components meet the highest demands

126

**Consistent marking from planning to operation**  
We optimise your marking process

132



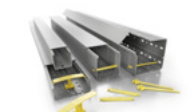
**Efficient connections on smallest footprint**  
BLF 3.5 PUSH IN connector in 3.50 mm pitch

128



**Quick and economical marking**  
Labelling with MultiMark

134



**Sustainable structures for higher flexibility in operation**  
Cable ducts for organised wire management

138



**Effective and efficient cooling systems for control cabinets**  
Filter fans with low energy consumption and optimised performance

144



**Convenient processing of large cross-sections**  
Handheld battery-operated hydraulic tools for crimping and cutting

150

Service and support



**Safe installation with controlled force**  
Torque screwdrivers for electrical installation

152

**Our expertise for your requirements**  
Service connects – worldwide

V.2



**Easy conductor stripping and crimping in a single step**  
Powered stripping and crimping machine for standard applications

154

**Benefit from optimum support when using our products**  
Service connects – worldwide

V.4

Index

Index Type

X.2

Index Order No.

X.6

Addresses worldwide

X.14

## Future-proof Industry 4.0 solutions

### With a combination of automation and digitalisation

Connecting digitalisation and automation technologiesIn 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.



## 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 web-technology. 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.



# Collect and forward signals remotely outside of the cabinet

## IP67 Remote I/O Modules with three fieldbus protocols

Progressive decentralisation means that more and more automation systems are being brought out from the control cabinet into the field. Multi-protocol-modules serving EtherCAT, PROFINET or EtherNet/IP can significantly reduce the number of needed variants in stock.

u-remote IP67 provides maximum power in the system. The M12 L-coded connectors allow a feed of 16 A. This reduces the number of required power supplies and lowers cabling costs. The maximum possible cable cross-section of 2.5 mm² allows longer distances in the network due to a lower voltage drop. In addition, the new member of the u-remote family convinces with its low weight and currently, the most compact design on the market.

### Your special advantages

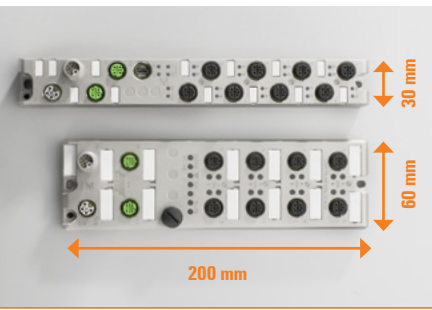
- Multiprotocol for up to 3 fieldbuses
- 16 A supply current to reduce the wiring effort
- Compact design for more space on the machine
- Cable cross sections of up to 2.5 mm² for smaller voltage drops in larger networks

#### Technical data

| Type                    | Module variants                     | Bus system                                          | max. current-carrying capacity per output signal | Input current, low              | Order No.  | EAN           | Qty. |
|-------------------------|-------------------------------------|-----------------------------------------------------|--------------------------------------------------|---------------------------------|------------|---------------|------|
| UR67-MP-78-16DI-12-60M  | 16 digital inputs                   | PROFINET V2.3, EtherNet/IP, EtherCAT, Multiprotocol |                                                  | Type 1 in acc. with IEC 61131-2 | 2426300000 | 4050118434439 | 1    |
| UR67-MP-78-16DO-12-60M  | 16 digital outputs                  | PROFINET V2.3, EtherNet/IP, EtherCAT, Multiprotocol | 2 A                                              |                                 | 2426310000 | 4050118434521 | 1    |
| UR67-MP-78-8DIDO-12-60M | 8 digital inputs, 8 digital outputs | PROFINET V2.3, EtherNet/IP, EtherCAT, Multiprotocol | 2 A                                              | Type 1 in acc. with IEC 61131-2 | 2426320000 | 4050118434392 | 1    |
| UR67-MP-HP-16DI-12-60M  | 16 digital inputs                   | PROFINET V2.3, EtherNet/IP, EtherCAT, Multiprotocol |                                                  | Type 1 in acc. with IEC 61131-2 | 2426270000 | 4050118434422 | 1    |
| UR67-MP-HP-16DO-12-60M  | 16 digital outputs                  | PROFINET V2.3, EtherNet/IP, EtherCAT, Multiprotocol | 2 A                                              |                                 | 2426280000 | 4050118434361 | 1    |
| UR67-MP-HP-8DIDO-12-60M | 8 digital inputs, 8 digital outputs | PROFINET V2.3, EtherNet/IP, EtherCAT, Multiprotocol | 2 A                                              | Type 1 in acc. with IEC 61131-2 | 2426290000 | 4050118434378 | 1    |



**Maximum power in the system**  
The L-coded plug makes a 16 A power supply possible. It allows a greater number of consumers which can be wired in a line and thus reduces the level of cabling.



**Compact designs**  
The 30 mm wide design is particularly suited to confined spaces. Even the short length of the modules and their low weight are to be highlighted as they offer advantages for many applications.



**One module for three protocols**  
Whether EtherCAT, PROFINET or Ethernet/IP: thanks to the multi-protocol module of u-remote, you only need one remote I/O module on stock.

# Increased performance in ship automation

## u-remote for shipbuilding, approved by classification societies

On a ship, many parameters have to be controlled, monitored, and managed simultaneously. This includes voltage, current, temperature, pressure, tide gauge, flow rate, viscosity, propulsion system status, power management, navigation, and cargo load.

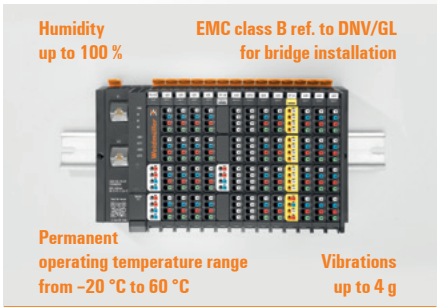
Modern ships increase their efficiency by using fully integrated automation systems which control numerous operating functions. u-remote is the most user-friendly I/O system on the market, combining high-performance automation with optimal system management. u-remote’s unique features make ship applications more reliable and efficient, and provide significant advantages in comparison with competitor systems.

### Your special advantages

- Resistant against fluctuations in temperature, humidity, vibration and electromagnetic fields
- Integrated web server for simple remote access via Internet
- Rapid error diagnosis by means of LED signals directly on the channel and status indicators on every module
- Extensive certification for use in ship automation



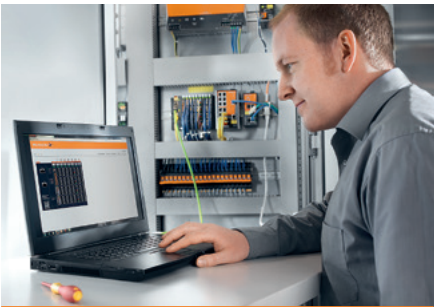
**Comprehensive certification**  
u-remote meets all of the requirements of ship automation applications. It is certified by the biggest and best-referenced classification societies and certification bodies.



**Robust design**  
Despite its high level of modularity, the u-remote is still able to withstand demanding environmental conditions, such as wide temperature ranges, humidity, vibration, and electromagnetic fields.



**Rapid error diagnosis**  
System errors can be localised instantly by an LED signal directly on the channel and diagnosed with status indicators on every module.



**Remote web access**  
The integrated u-remote web server enables a unique rapid error identification with plain-text diagnostics – even via an Ethernet connection.

Approvals for the use in marine- and offshore-applications

u-remote has been approved for use in the maritime and offshore sector: DNV GL (formerly Det Norske Veritas and Germanischer Lloyd), Bureau Veritas (BV), Lloyds Register (LR) and Registro Italiano Navale (RINA) are the first international classification societies to certify the use of the innovative remote I/O system in this demanding environment. The certification is valid for almost all areas on a ship, including the ship’s bridge, which is subject to particularly high demands.

u-remote’s robust design is suited to both the sensitive and harsh environmental conditions found on a ship, as well as a wide range of temperatures (-20 °C to 60 °C). It can withstand high levels of humidity (up to 100 %), intense vibration (up to 4 g) and high-energy electromagnetic fields, without emitting high levels of radiation that could affect other devices.

| Type                  | Order No.                               | DNV/GL | BV | LR | RINA | ABS |
|-----------------------|-----------------------------------------|--------|----|----|------|-----|
| UR20-FBC-PB-DP        | 1334870000                              | x*     | x* | x* | x*   | x*  |
| UR20-FBC-PN-IRT       | 1334880000                              | x*     | x* | x* | x*   | x*  |
| UR20-FBC-EC           | 1334910000                              | x      | x  | x  | x    | x   |
| UR20-FBC-MOD-TCP-V2   | 2476450000                              | x      | x  | x  | x    | x   |
| UR20-FBC-DN           | 1334900000                              | x*     | x* | x* | x*   | x*  |
| UR20-FBC-CAN          | 1334890000                              | x      | x  | x  | x    | x   |
| UR20-FBC-EIP          | 1334920000                              | x      | x  | x  | x    | x   |
| UR20-FBC-PL           | 1334940000                              | x      | x  | x  | x    | x   |
| UR20-4DI-P            | 1315170000                              | x      | x  | x  | x    | x   |
| UR20-8DI-P-2W         | 1315180000                              | x      | x  | x  | x    | x   |
| UR20-8DI-P-3W         | 1394400000                              | x      | x  | x  | x    | x   |
| UR20-16DI-P           | 1315200000                              | x      | x  | x  | x    | x   |
| UR20-16DI-P-PLC-INT   | 1315210000                              | x      | x  | x  | x    | x   |
| UR20-4DI-P-TS         | 1460150000                              | x      | x  | x  | x    | x   |
| UR20-4DI-N            | 1315350000                              | x      | x  | x  | x    | x   |
| UR20-8DI-N-3W         | 1315370000                              | x      | x  | x  | x    | x   |
| UR20-16DI-N           | 1315390000                              | x      | x  | x  | x    | x   |
| UR20-16DI-N-PLC-INT   | 1315400000                              | x      | x  | x  | x    | x   |
| UR20-4DI-2W-230V-AC   | 1550070000                              | x      | x  | x  | x    | x   |
| UR20-4DO-P            | 1315220000                              | x      | x  | x  | x    | x   |
| UR20-4DO-P-2A         | 1315230000                              | x      | x  | x  | x    | x   |
| UR20-4DO-PN-2A        | 1394420000                              | x      | x  | x  | x    | x   |
| UR20-8DO-P            | 1315240000                              | x      | x  | x  | x    | x   |
| UR20-16DO-P           | 1315250000                              | x      | x  | x  | x    | x   |
| UR20-16DO-P-PLC-INT   | 1315270000                              | x      | x  | x  | x    | x   |
| UR20-4DO-N            | 1315410000                              | x      | x  | x  | x    | x   |
| UR20-4DO-N-2A         | 1315420000                              | x      | x  | x  | x    | x   |
| UR20-8DO-N            | 1315430000                              | x      | x  | x  | x    | x   |
| UR20-16DO-N           | 1315440000                              | x      | x  | x  | x    | x   |
| UR20-16DO-N-PLC-INT   | 1315450000                              | x      | x  | x  | x    | x   |
| UR20-4RO-SSR-255      | 1315540000                              | x      | x  | x  | x    | x   |
| UR20-4RO-CO-255       | 1315550000                              | x      | x  | x  | x    | x   |
| UR20-1CNT-100-1DO     | 1315570000                              | x      | x  | x  | x    | x   |
| UR20-1CNT-500         | 1315580000                              | x      | x  | x  | x    | x   |
| UR20-2CNT-100         | 1315590000                              | x      | x  | x  | x    | x   |
| UR20-2FCNT-100        | 1508080000                              | x      | x  | x  | x    | x   |
| UR20-1SSI             | 1508090000                              | x      | x  | x  | x    | x   |
| UR20-1COM-232-422-485 | 1315750000                              | x*     | x* | x* | x*   | x*  |
| Note                  | * Approval is only available as of 2018 |        |    |    |      |     |

| Type                    | Order No.                               | DNV/GL | BV | LR | RINA | ABS |
|-------------------------|-----------------------------------------|--------|----|----|------|-----|
| UR20-4AI-UI-12          | 1394390000                              | x      | x  | x  | x    | x   |
| UR20-4AI-UI-16          | 1315620000                              | x      | x  | x  | x    | x   |
| UR20-4AI-UI-16-DIAG     | 1315690000                              | x      | x  | x  | x    | x   |
| UR20-4AI-UI-DIF-16-DIAG | 1993880000                              | x      | x  | x  | x    | x   |
| UR20-8AI-I-PLC-INT      | 1315670000                              | x*     | x* | x* | x*   | x*  |
| UR20-2AI-SG-24-DIAG     | 1990070000                              | x      | x  | x  | x    | x   |
| UR20-4AI-TC-DIAG        | 1315710000                              | x      | x  | x  | x    | x   |
| UR20-4AI-RTD-DIAG       | 1315700000                              | x      | x  | x  | x    | x   |
| UR20-3EM-230V-AC        | 2007420000                              | x      | x  | x  | x    | x   |
| UR20-4AO-UI-16-M        | 2453880000                              | x      | x  | x  | x    | x   |
| UR20-4AO-UI-16-M-DIAG   | 2453870000                              | x      | x  | x  | x    | x   |
| UR20-PF-I               | 1334710000                              | x      | x  | x  | x    | x   |
| UR20-PF-O               | 1334740000                              | x      | x  | x  | x    | x   |
| UR20-16AUX-I            | 1334770000                              | x      | x  | x  | x    | x   |
| UR20-16AUX-O            | 1334780000                              | x      | x  | x  | x    | x   |
| UR20-16AUX-FE           | 1334790000                              | x      | x  | x  | x    | x   |
| UR20-16AUX-GND-I        | 1334800000                              | x      | x  | x  | x    | x   |
| UR20-16AUX-GND-O        | 1334810000                              | x      | x  | x  | x    | x   |
| UR20-ES                 | 1315770000                              | x      | x  | x  | x    | x   |
| Note                    | * Approval is only available as of 2018 |        |    |    |      |     |

# Monitor electrical data of individual consumers in real time

## Energy consumption measurement and monitoring with u-remote

Rising energy costs require a sustainable energy management. The aim is to tailor the operation of individual machines and processes or whole plants, even, to optimal energy usage. This requires recording and analysing the consumption data for all components.

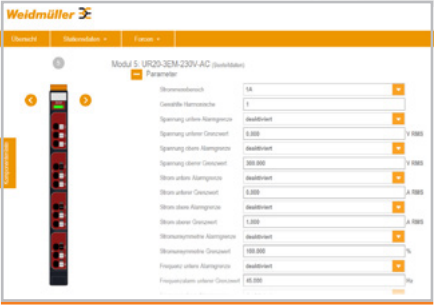
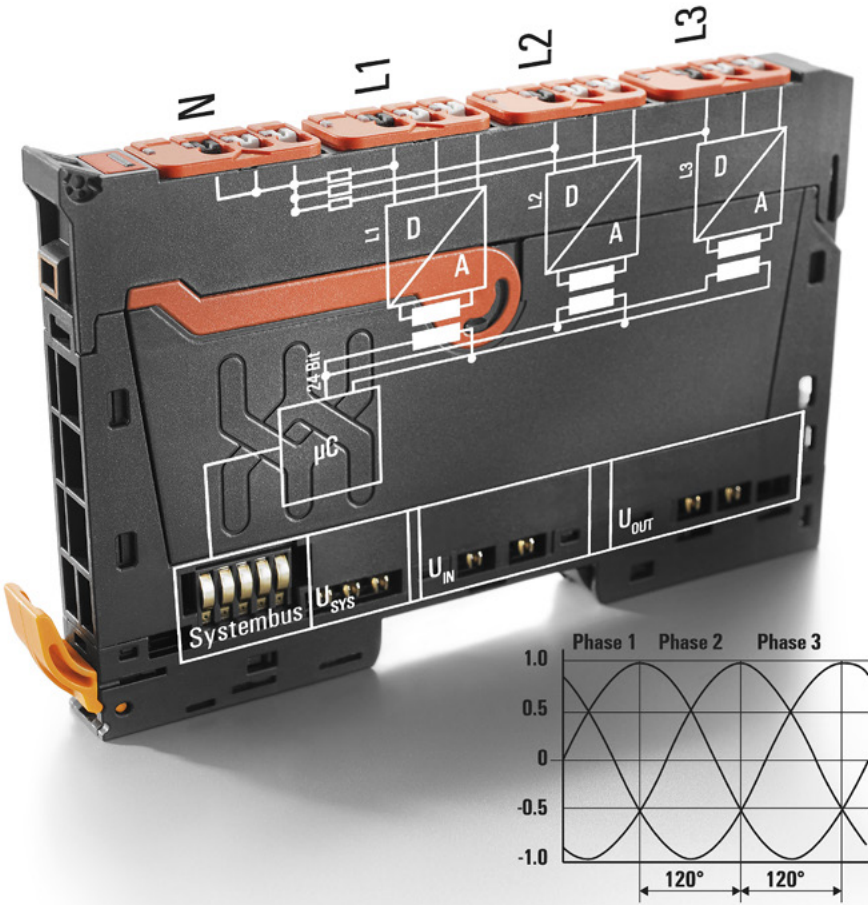
The new u-remote energy measurement module allows the measurment and processing of data from single- or three-phase AC consumers up to a rated voltage of 300 Veff AC (L-N) and can easily be integrated into existing automation solutions. Reactive, apparent and active power, energy consumption, phase angle, and many more electrical characteristics can be measured or calculated directly with the module. The values are transferred in real time to PLCs or control systems via the process data of a fieldbus.

### Your special advantages

- Fully integrated energy consumption measurement with just 11.5 mm wide modules
- Parameterisable preprocessing directly in the module
- Measurement of currents up to 1 A or 5 A without additional components
- Any placement of the energy measurement module within a u-remote station
- Free choice of the communication protocol

#### Technical data

| Type             | Resolution                           | Frequency of the supply system | Analysis of harmonic         | Sampling rate of current measurement | Order No.  | EAN           | Qty. |
|------------------|--------------------------------------|--------------------------------|------------------------------|--------------------------------------|------------|---------------|------|
| UR20-3EM-230V-AC | 16 bit per channel (internal 24 bit) | 45...65 Hz                     | 31 (Blackmann-Harris Window) | 3,300 samples/s                      | 2007420000 | 4050118392777 | 1    |



#### Integrated pre-processing of measurement data

A wide range of parameters allow an application-specific configuration for the measurement, analysis and further processing of the raw data. With this a lot of consumer-specific characteristics can be transferred directly to the process data image.



#### Direct measurement – direct saving

Currents of up to 1 A or 5 A can be measured directly without additional components such as pluggable or retrofit current transformers.



#### Easy integration

The power measurement module can easily be integrated into existing automation solutions using u-remote. Even without any process interruption using split-core current transformers or Rogowski Coils which are placed around the existing conductors or current bars.

# 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 Multitouch 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 base line provides resistive multi-touch panels with a diagonal of 4.3", 7", or 10"; and the advanced line provides capacitive multitouch 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 for protection.

### Your special advantages

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

#### Technical data

| Type              | Touch-Screen | Size   | Processor                                        | Memory (Flash) | Order No.  | EAN           | Qty. |
|-------------------|--------------|--------|--------------------------------------------------|----------------|------------|---------------|------|
| UV66-ADV-10-CAP-W | capacitive   | 10.1 " | ARM Cortex A9 1 GHz NXP® i.MX6 DualLite          | 4 MB           | 2555840000 | 4050118566208 | 1    |
| UV66-ADV-15-CAP-W | capacitive   | 15.6 " | ARM Cortex A9 1 GHz NXP® i.MX6 DualLite          | 4 MB           | 2555850000 | 4050118566215 | 1    |
| UV66-ADV-7-CAP-W  | capacitive   | 7 "    | ARM Cortex A9 1 GHz NXP® i.MX6 DualLite          | 4 MB           | 2555830000 | 4050118566192 | 1    |
| UV66-BAS-10-RES-W | resistive    | 10.1 " | ARM Cortex A8 processor Freescale® i.MX535 1 GHz | 4 MB           | 2555820000 | 4050118566185 | 1    |
| UV66-BAS-4-RES-W  | resistive    | 4.3 "  | ARM Cortex A8 processor Freescale® i.MX535 1 GHz | 4 MB           | 2555800000 | 4050118566161 | 1    |
| UV66-BAS-7-RES-W  | resistive    | 7 "    | ARM Cortex A8 processor Freescale® i.MX535 1 GHz | 4 MB           | 2555810000 | 4050118566178 | 1    |



**Attractive design**  
All u-view multi-touch panels come with particularly flat and space-saving aluminum housings.



**Great performance**  
First-class image quality and powerful processors make working with u-view multitouch 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.

# 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.



# Ready for the challenges of tomorrow

## With the communication-capable power supply PROtop

A high-end power supply must be able to cope with harsh industrial environments and constant performance requirements without difficulty. But cost-effectiveness is becoming increasingly important in system and machine construction too. In the digital age, communication-capable components are opening up new possibilities to make system operation faster, more flexible and more efficient. In other words: to make it future-proof.

What if, for example, you could identify performance fluctuations and failures before they had a negative effect on system operation? The new communication module for our PROtop series opens up a new dimension of functional options. Condition monitoring and remote operation help you ensure that your automation components are permanently supplied with power in all conditions, so that you can plan and minimise maintenance work and make your system more cost-effective.

This benefits operators in a range of industries, from food and packaging plants with stringent requirements for hygiene, protection classes and corrosion resistance to hard-to-reach installations in offshore wind farms.

### Your special advantages

- Fit for digitalisation
- Complete data transparency
- Efficient, durable and reliable
- Direct parallel connection option
- Powerful DCL technology



[www.weidmueller.com/protop](http://www.weidmueller.com/protop)

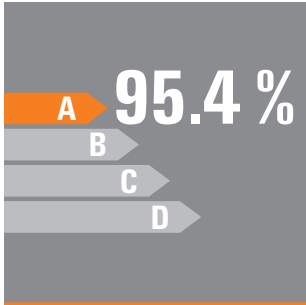
#### Technical data

| Type                  | Rated output voltage | Rated (nominal) output current @ U <sub>nom</sub> | Width  | Degree of efficiency | Order No.  | EAN           | Qty. |
|-----------------------|----------------------|---------------------------------------------------|--------|----------------------|------------|---------------|------|
| PRO TOP1 120W 12V 10A | 12 V DC ± 1 %        | 10 A @ 60 °C                                      | 35 mm  | typ. 90 %            | 2466910000 | 4050118481495 | 1    |
| PRO TOP1 120W 24V 5A  | 24 V DC ± 1 %        | 5 A @ 60 °C                                       | 35 mm  | typ. 91 %            | 2466870000 | 4050118481457 | 1    |
| PRO TOP1 240W 24V 10A | 24 V DC ± 1 %        | 10 A @ 60 °C                                      | 39 mm  | typ. 92,5 %          | 2466880000 | 4050118481464 | 1    |
| PRO TOP1 480W 24V 20A | 24 V DC ± 1 %        | 20 A @ 60 °C                                      | 68 mm  | typ. 93,5 %          | 2466890000 | 4050118481471 | 1    |
| PRO TOP1 480W 48V 10A | 48 V DC ± 1 %        | 10 A @ 60 °C                                      | 68 mm  | typ. 93,5 %          | 2467030000 | 4050118481938 | 1    |
| PRO TOP1 72W 24V 3A   | 24 V DC ± 1 %        | 3 A @ 60 °C                                       | 35 mm  | typ. 90 %            | 2466850000 | 4050118481440 | 1    |
| PRO TOP1 960W 24V 40A | 24 V DC ± 1 %        | 40 A @ 60 °C                                      | 124 mm | typ. 94,5 %          | 2466900000 | 4050118481488 | 1    |
| PRO TOP1 960W 48V 20A | 48 V DC ± 1 %        | 20 A @ 60 °C                                      | 124 mm | typ. 94,5 %          | 2466920000 | 4050118481600 | 1    |



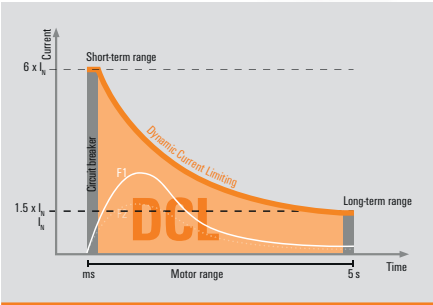
#### Analyse and optimise processes

With their new data interface, our high-performance PROtop power supplies ensure you're fit for digitalisation. In connection with intelligent cloud services, you can control and optimise processes remotely, identify signs of wear or failures at an early stage and take the appropriate preventive action. Designed as an optional plug-in module, the communication-capable interface can also be conveniently retrofitted at a later stage.



#### Maximise potential savings

Make your production processes more efficient: the extremely space-saving design of the PROtop power supplies allows you to accommodate a greater functional density in the panel. Efficiency of up to 95.4 % reduces heat loss and lowers energy costs in the long term. A high MTBF (> 1,000,000 hours) and long service life (> 20 years) increase profitability over the entire operating period.



#### Employ peak current reserves effectively

Thanks to PROtop's new DCL technology, unparalleled pulse power reserves are available at all times. The result is an outstanding dynamic range that can be used for the reliable triggering of circuit breakers or for powerful motor starts, depending on requirements. Additional static power reserves enable a continuous current of 130 %, even at ambient temperatures of 40 °C.

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 characterized 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
- Comfortable software-based configuration and documentation

Technical data

| Type                | Input                   | Output   | Alarm function                                                                                                                              | Width   | Order No.  | EAN           | Qty. |
|---------------------|-------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|---------------|------|
| ACT20P-TMR-RTI-S    | Temperature             | 2x relay | Alarm range: -200...850 °C, Top and bottom limit values, window range, Hysteresis: 2 °C (adjustable), Alarm delay: 0...10 s                 | 22.5 mm | 7760054305 | 6944169747311 | 1    |
| ACT20P-VMR-1PH-H    | 110 / 240 / 400 V AC/DC | 2x relay | Surge voltage, Undervoltage, Voltage window, Holding function can be activated, Alarm delay: 0...10 s                                       | 22.5 mm | 7760054164 | 6944169689079 | 1    |
| ACT20P-VMR-3PH-ILPH | 180...500 V AC          | 2x relay | 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 | 7760054165 | 6944169689086 | 1    |

Achieving the highest measurement accuracy in diverse applications

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

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

The ACT20P PRO RTCI-AO-DO-S universal temperature converter delivers an impressive performance with a simple configuration via integrated display. It supports many sensor types, offers a high isolation level and a superior accuracy. A universal power supply and extensive approvals make the ACT20P-PRO-RTCI-AO-DO-S 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                                     | Order No.  | EAN           | Qty. |
|-------------------------|----------------------------------|--------------------------------------------------------------------------------|-------------------------------|----------------------------------------------------|------------|---------------|------|
| ACT20P-PRO-RTCI-AO-DO-S | 0...15 kΩ / PT100 / 2-/3-/4-wire | 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 | 2448100000 | 4050118462241 | 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 the 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                                                  | Order No.  | EAN           | Qty. |
|-----------------------|-----------------------------|------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------|---------------|------|
| ACT20P-CMT-10-A0-RC-P | 0...5/10 A                  | 0(4)-20 mA relay | DIP switch and potentiometer                                                                          | 18...30 V DC                                                    | 1510330000 | 4050118319378 | 1    |
| ACT20P-CMT-60-A0-RC-P | 0...40/50/60 A              | 0(4)-20 mA relay | DIP switch and potentiometer                                                                          | 16,8 V...31,2 V                                                 | 1510290000 | 4050118319552 | 1    |
| ACT20P-CMT-30-A0-RC-P | 0...20/25/30 A              | 0(4)-20 mA relay | DIP switch and potentiometer                                                                          | 16,8 V...31,2 V                                                 | 1510320000 | 4050118319569 | 1    |
| ACT20P-BRIDGE-P       | Resistance measuring bridge | 0(4)-20 mA       | DIP switch and button                                                                                 | 10...60 V DC                                                    | 2456820000 | 4050118471762 | 1    |
| ACT20P-UI-2RC0-DC-P   | universal U, I, R, $\Phi$   | I/U universal    | With FDT/DTM software, or via 7-segment display, push-buttons and rotary encoder on the device itself | 9...60 V DC                                                     | 2456840000 | 4050118471779 | 1    |
| ACT20P-UI-A0-DO-LP-P  | universal U, I, R, $\Phi$   | 4-20 mA          | With FDT/DTM software                                                                                 | Output loop powered, (10...45 V)                                | 2456850000 | 4050118471786 | 1    |
| ACT20P-AI-A0-DC-P     | I/U universal               | I/U universal    | DIP switch, Keys and LED display                                                                      | 12...60 V DC                                                    | 2456860000 | 4050118471793 | 1    |
| ACT20P-CML-10-A0-RC-P | 0...5/10 A                  | 0(4)-20 mA relay | DIP switch and potentiometer                                                                          | 24 V DC $\pm$ 30 %                                              | 2489910000 | 4050118499940 | 1    |
| ACT20P-CI-C0-P        | 0(4)-20 mA                  | 0(4)-20 mA       | none                                                                                                  | 20...30 V DC                                                    | 2489680000 | 4050118535150 | 1    |
| ACT20P-CI-2C0-P       | 0(4)-20 mA                  | 2 x 4-20 mA      | none                                                                                                  | 20...30 V DC                                                    | 2489710000 | 4050118535167 | 1    |
| ACT20P-2CI-2C0-12-P   | 2 x 4-20 mA                 | 2 x 4-20 mA      | none                                                                                                  | 20...30 V DC                                                    | 2489730000 | 4050118535174 | 1    |
| ACT20P-CI-VO-P        | 0(4)-20 mA                  | 0-10 V           | none                                                                                                  | 20...30 V DC                                                    | 2489740000 | 4050118535181 | 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 | 1481960000 | 4050118291025 | 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 values 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. A 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

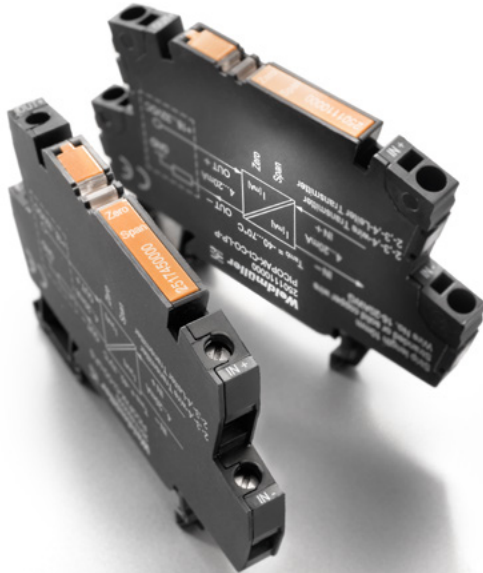
| Type               | Input      | Output      | Supply voltage                                      | Width   | Order No.  | EAN           | Qty. |
|--------------------|------------|-------------|-----------------------------------------------------|---------|------------|---------------|------|
| ACT20P-CI-CO-ILP   | 0(4)-20 mA | 0(4)-20 mA  | Loop powered, via 4...20 mA input                   | 12.5 mm | 7760054123 | 6944169656637 | 1    |
| ACT20P-2CI-2CO-ILP | 0(4)-20 mA | 0(4)-20 mA  | Loop powered, via 4...20 mA input                   | 12.5 mm | 7760054124 | 6944169656644 | 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 | 7760054118 | 6944169656583 | 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 | 7760054122 | 6944169656620 | 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 | 7760054119 | 6944169656590 | 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 | 7760054121 | 6944169656613 | 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 | 7760054120 | 6944169656606 | 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 a 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               | Input current | Output current          | Width | Operating temperature | Order No.  | EAN           | Qty. |
|--------------------|---------------|-------------------------|-------|-----------------------|------------|---------------|------|
| PICOPAK-CI-CO-LP-P | 4...20 mA     | 4...20 mA, loop-powered | 6.1   | -40 °C...70 °C        | 2501110000 | 4050118514704 | 1    |
| PICOPAK-CI-CO-LP-S | 4...20 mA     | 4...20 mA, loop-powered | 6.1   | -40 °C...70 °C        | 2517450000 | 4050118529975 | 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                 | Output                          | Supply voltage | Order No.  | Qty. |
|----------------------------------------------------------------|-----------------------|---------------------------------|----------------|------------|------|
| ACT20C: Ethernet, Condition Monitoring, Limit-value monitoring |                       |                                 |                |            |      |
| ACT20C-GTW-100-MTCP-S                                          | Ethernet gateway      | Interne Bus                     | 24V DC         | 1510370000 | 1    |
| ACT20C-CML-10-A0-RC-S                                          | 1 / 5 / 10 A AC, DC   | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 2044840000 | 1    |
| ACT20C-CMT-10-A0-RC-S                                          | 5 / 10 A AC, DC       | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 1510240000 | 1    |
| ACT20C-CMT-30-A0-RC-S                                          | 20 / 25 / 30 A AC, DC | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 1550030000 | 1    |
| ACT20C-CMT-60-A0-RC-S                                          | 40 / 50 / 60 A AC, DC | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 1510420000 | 1    |
| ACT20P: Limit-value monitoring                                 |                       |                                 |                |            |      |
| ACT20P-CML-10-A0-RC-S                                          | 1 / 5 / 10 A AC, DC   | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 2044850000 | 1    |
| ACT20P-CML-10-A0-RC-P                                          | 1 / 5 / 10 A AC, DC   | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 2489910000 | 1    |
| ACT20P-CMT-10-A0-RC-S                                          | 5 / 10 A AC, DC       | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 1510470000 | 1    |
| ACT20P-CMT-10-A0-RC-P                                          | 5 / 10 A AC, DC       | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 1510330000 | 1    |
| ACT20P-CMT-30-A0-RC-S                                          | 20 / 25 / 30 A AC, DC | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 1510540000 | 1    |
| ACT20P-CMT-30-A0-RC-P                                          | 20 / 25 / 30 A AC, DC | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 1510320000 | 1    |
| ACT20P-CMT-60-A0-RC-S                                          | 40 / 50 / 60 A AC, DC | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 1510440000 | 1    |
| ACT20P-CMT-60-A0-RC-P                                          | 40 / 50 / 60 A AC, DC | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 1510290000 | 1    |
| ACT20P-CMT-60-RC-S                                             | 40 / 50 / 60 A AC, DC | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 1510390000 | 1    |
| ACT20P-CMT-60-RC-P                                             | 40 / 50 / 60 A AC, DC | 0/4 - 20 mA, 0/2 - 10 V, Relais | 24V DC         | 1510280000 | 1    |

# Installation of particularly compact and reliable connection solutions

## BHF 5.00 PUSH IN for CH20M housings

Controls, I/O systems, and, in particular, signal interfaces need to have components that are as compact as possible but also provide excellent functionality, vibration-proofing and simple handling.

The new BHF 5.00 PUSH IN signal plug-in connector achieves these requirements thanks to its space-saving design and innovative PUSH IN connection method, optimised for wire cross-sections of up to 2.5 mm². The new BHF 5.00 PUSH IN is ideal for installations near pumps, motors, compressors and any applications with strong vibrations where connections must be reliable.



### Your special advantages

- PUSH IN technology for comfortable operation with high wiring safety
- Protection against mismatching due to integrated, captive coding system with “AutoSet” function
- Direct connection of conductors with wire end ferrules and single wires up to 2.5 mm²
- Optimally suited for the application-specific configuration of CH20M housing solutions

#### Technical data

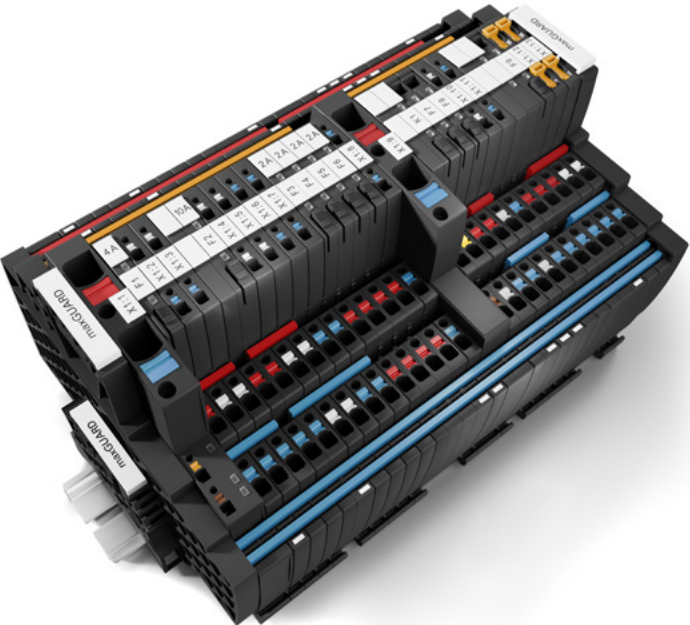
| Type                    | No. of poles | Rated current | Colour | Can be coded | Order No.  | EAN           | Qty. |
|-------------------------|--------------|---------------|--------|--------------|------------|---------------|------|
| BHF 5.00/02/180LH BK/BK | 2            | 10 A          | Black  | Yes          | 1497740000 | 4050118306835 | 150  |
| BHF 5.00/02/180LH BK/BL | 2            | 10 A          | Black  | Yes          | 1989220000 | 4050118373721 | 150  |
| BHF 5.00/02/180LH BK/OR | 2            | 10 A          | Black  | Yes          | 1988380000 | 4050118534955 | 150  |
| BHF 5.00/03/180LH BK/BK | 3            | 10 A          | Black  | Yes          | 1497670000 | 4050118306811 | 108  |
| BHF 5.00/03/180LH BK/BL | 3            | 10 A          | Black  | Yes          | 1989200000 | 4050118373622 | 108  |
| BHF 5.00/03/180LH BK/OR | 3            | 10 A          | Black  | Yes          | 1989210000 | 4050118373639 | 108  |
| BHF 5.00/04/180LH BK/BK | 4            | 10 A          | Black  | Yes          | 1497500000 | 4050118306828 | 78   |
| BHF 5.00/04/180LH BK/BL | 4            | 10 A          | Black  | Yes          | 1989090000 | 4050118533453 | 78   |
| BHF 5.00/04/180LH BK/OR | 4            | 10 A          | Black  | Yes          | 1989190000 | 4050118373820 | 78   |

# Load monitoring and potential distribution combined

## maxGUARD – taking control voltage distribution to a new level

Fail-safe and maintenance-friendly control voltage distributions that can be installed in a time- and space-saving manner are a must for efficient machine and facility operation. The new maxGUARD system combines electronic load monitors and potential distributors, saving space on a 6.1 mm pitch.

With maxGUARD, the terminal blocks – previously installed separately – for distributing potential to the outputs of the electronic load monitors become an integral part of a 24 V DC control voltage distribution solution. The combination of load monitoring and potential distribution reduces the amount of space required on the terminal rail by 50 %, while it also saves time during installation and increases safety against failure. Operating, test, and connection elements permit safe access to all voltage and load circuits.



### Your special advantages

- Integrated test points in the IO-channels of the control current distribution
- Practical disconnecting lever for galvanic isolation of the load circuit for testing purposes
- Cross connections between load monitoring and potential distribution terminals
- High range of customised solution variants
- New approvals for Marine, Class 2 and Ex-areas

### Technical data

| Type              | Rated current | Adjustable range | Approvals                                                                  | Width   | Order No.  | EAN           | Qty. |
|-------------------|---------------|------------------|----------------------------------------------------------------------------|---------|------------|---------------|------|
| with uncoated PCB |               |                  |                                                                            |         |            |               |      |
| AMG FIM-0         |               |                  | CE; cULus; TUEV                                                            | 12.2 mm | 2081870000 | 4050118419443 | 1    |
| AMG FIM-C         |               |                  | CE; cULus; TUEV                                                            | 12.2 mm | 2081880000 | 4050118419429 | 1    |
| AMG ELM-1F        | 1.00 A        |                  | CE; cULus; TUEV                                                            | 6.1 mm  | 2080420000 | 4050118419412 | 1    |
| AMG ELM-2F        | 2.00 A        |                  | CE; cULus; TUEV                                                            | 6.1 mm  | 2080480000 | 4050118419504 | 1    |
| AMG ELM-4F        | 4.00 A        |                  | CE; cULus; TUEV                                                            | 6.1 mm  | 2080490000 | 4050118419535 | 1    |
| AMG ELM-6F        | 6.00 A        |                  | CE; cULus; TUEV                                                            | 6.1 mm  | 2080500000 | 4050118419528 | 1    |
| AMG ELM-8F        | 8.00 A        |                  | CE; cULus; TUEV                                                            | 12.2 mm | 2080600000 | 4050118419313 | 1    |
| AMG ELM-10F       | 10.00 A       |                  | CE; cULus; TUEV                                                            | 12.2 mm | 2080650000 | 4050118419320 | 1    |
| AMG ELM-6         | 6.00 A        | 1- 6 A           | CE; cULus; TUEV                                                            | 6.1 mm  | 2080360000 | 4050118419306 | 1    |
| AMG ELM-12        | 12.00 A       | 4-12 A           | CE; cULus; TUEV                                                            | 12.2 mm | 2080410000 | 4050118419405 | 1    |
| AMG ELM-Q2222     |               |                  | CE; cULus; TUEV                                                            | 24.4 mm | 2080750000 | 4050118419511 | 1    |
| AMG ELM-Q2244     |               |                  | CE; cULus; TUEV                                                            | 24.4 mm | 2081650000 | 4050118419566 | 1    |
| AMG ELM-Q2266     |               |                  | CE; cULus; TUEV                                                            | 24.4 mm | 2081820000 | 4050118419436 | 1    |
| AMG ELM-Q4444     |               |                  | CE; cULus; TUEV                                                            | 24.4 mm | 2080880000 | 4050118419542 | 1    |
| AMG ELM-Q6666     |               |                  | CE; cULus; TUEV                                                            | 24.4 mm | 2080920000 | 4050118419559 | 1    |
| AMG CM            |               |                  | CE; cULus; TUEV                                                            | 12.2 mm | 2081900000 | 4050118419573 | 1    |
| AMG AM            |               |                  | CE; cULus; TUEV                                                            | 12.2 mm | 2081890000 | 4050118419337 | 1    |
| AMG OD            |               |                  | CE; cULus; TUEV                                                            | 6.1 mm  | 2122910000 | 4050118425185 | 10   |
| AMG PD            |               |                  | CE; cULus; TUEV                                                            | 6.1 mm  | 2122920000 | 4050118425321 | 10   |
| AMG MD            |               |                  | CE; cULus; TUEV                                                            | 6.1 mm  | 2122930000 | 4050118425192 | 10   |
| AMG XMD           |               |                  | CE; cULus; TUEV                                                            | 6.1 mm  | 2122940000 | 4050118425406 | 10   |
| AMG DIS           |               |                  | CE; cULus; TUEV                                                            | 6.1 mm  | 2123050000 | 4050118425413 | 10   |
| AMG PP            |               |                  |                                                                            | 6.1 mm  | 2123000000 | 4050118425338 | 40   |
| AMG EP            |               |                  |                                                                            | 8 mm    | 2495380000 | 4050118505306 | 30   |
| AMG EP KIT        |               |                  |                                                                            |         | 2500760000 | 4050118525465 | 1    |
| with coated PCB   |               |                  |                                                                            |         |            |               |      |
| AMG FIM-0 EX      |               |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 12.2 mm | 2082530000 | 4050118419702 | 1    |
| AMG FIM-C EX      |               |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 12.2 mm | 2082540000 | 4050118419719 | 1    |
| AMG ELM-1F EX     | 1.00 A        |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 6.1 mm  | 2082040000 | 4050118419580 | 1    |
| AMG ELM-2F EX     | 2.00 A        |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 6.1 mm  | 2082050000 | 4050118419467 | 1    |
| AMG ELM-4F EX     | 4.00 A        |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 6.1 mm  | 2082060000 | 4050118419597 | 1    |
| AMG ELM-6F EX     | 6.00 A        |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 6.1 mm  | 2082310000 | 4050118419474 | 1    |
| AMG ELM-8F EX     | 8.00 A        |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 12.2 mm | 2082320000 | 4050118419481 | 1    |
| AMG ELM-10F EX    | 10.00 A       |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 12.2 mm | 2082430000 | 4050118419498 | 1    |
| AMG ELM-6D CO     | 6.00 A        | 1- 6 A           | ABS; CE; cULus; DNVGL; LLOYDSREG; RINA; TUEV                               | 18.3 mm | 2082440000 | 4050118419368 | 1    |
| AMG ELM-10D CO    | 10.00 A       | 4- 10 A          | ABS; CE; cULus; DNVGL; LLOYDSREG; RINA; TUEV                               | 18.3 mm | 2082470000 | 4050118419603 | 1    |
| AMG ELM-6 EX      | 6.00 A        | 1- 6 A           | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 6.1 mm  | 2082000000 | 4050118419450 | 1    |
| AMG ELM-12 EX     | 12.00 A       | 4-12 A           | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 12.2 mm | 2082010000 | 4050118419344 | 1    |
| AMG CM EX         |               |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 12.2 mm | 2083360000 | 4050118419351 | 1    |
| AMG AM CO         |               |                  | ABS; CE; cULus; DNVGL; LLOYDSREG; RINA; TUEV                               | 12.2 mm | 2082770000 | 4050118419375 | 1    |
| AMG OD EX         |               |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 6.1 mm  | 2495090000 | 4050118504781 | 10   |
| AMG PD EX         |               |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 6.1 mm  | 2495070000 | 4050118504767 | 10   |
| AMG MD EX         |               |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 6.1 mm  | 2495040000 | 4050118504804 | 10   |
| AMG XMD EX        |               |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 6.1 mm  | 2495080000 | 4050118504774 | 10   |
| AMG DIS EX        |               |                  | ABS; CE; cULus; cULusEX; DEMKOATEX; DNVGL; IECEXULD; LLOYDSREG; RINA; TUEV | 6.1 mm  | 2495100000 | 4050118504798 | 10   |

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 a 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 <sub>Rated</sub>                            | Order No.  | EAN           | 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) | 2486090000 | 4050118496826 | 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) | 2486100000 | 4050118496833 | 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) | 2486110000 | 4050118496840 | 1    |

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 connection 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 a 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.  | EAN           | Qty. |
| IE-SR-2GT-LTE/4G-US | Security/NAT/VPN/U-link Router, with integrated LTE / 4G modem, US model, Gigabit Ethernet, 2x 10/100/1000BaseT(X), IP20, -20 °C...70 °C | 2535780000 | 4050118547597 | 1    |
| IE-SR-2GT-LTE/4G-EU | Security/NAT/VPN/U-link Router, with integrated LTE / 4G modem, EU model, Gigabit Ethernet, 2x 10/100/1000BaseT(X), IP20, -20 °C...70 °C | 2535930000 | 4050118547603 | 1    |
| IE-SR-6GT-LAN       | Security/NAT/VPN/U-link Router, Gigabit Ethernet, 6x 10/100/1000BaseT(X), IP20, -20 °C...70 °C                                           | 2535940000 | 4050118547610 | 1    |
| IE-SR-6GT-LTE/4G-US | Security/NAT/VPN/U-link Router, with integrated LTE / 4G modem, US model, Gigabit Ethernet, 6x 10/100/1000BaseT(X), IP20, -20 °C...70 °C | 2535950000 | 4050118547627 | 1    |
| IE-SR-6GT-LTE/4G-EU | Security/NAT/VPN/U-link Router, with integrated LTE / 4G modem, EU model, Gigabit Ethernet, 6x 10/100/1000BaseT(X), IP20, -20 °C...70 °C | 2535960000 | 4050118547634 | 1    |

# Universal Wi-Fi networking for Industrial Ethernet infrastructures

## High-speed Wi-Fi devices according to IEEE 802.11a/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 802.11n technology is future-proof as it achieves transmission rates of up to 300 Mbit/s. All devices are backwards compatible with 802.11a/b/g systems.



### Your special advantages

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

#### Technical data

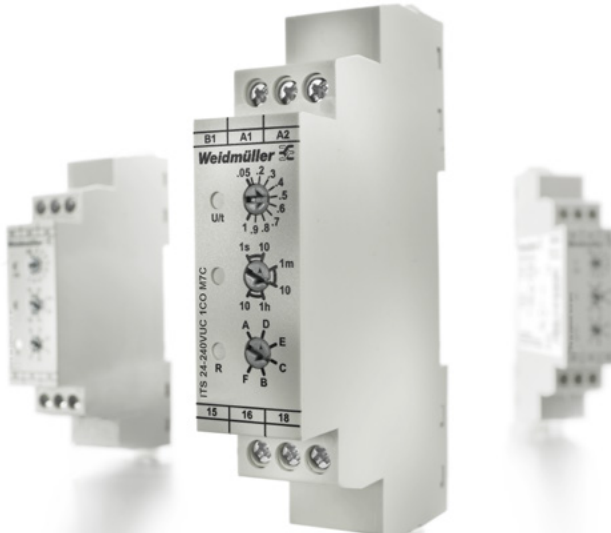
| Type                  | Version                                                                                  | Order No.  | EAN           | Qty. |
|-----------------------|------------------------------------------------------------------------------------------|------------|---------------|------|
| 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 | 4050118548655 | 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 | 4050118548662 | 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 | 4050118548679 | 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 | 4050118548686 | 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 | 4050118548693 | 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 | 4050118548709 | 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 | 4050118548716 | 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 | 4050118548723 | 1    |

# Compact timing relay for easy adjustment of control signals

## IT-TIMER – multi-functional timing relay with multi-voltage input

Timing relays are used frequently in automation engineering to compensate for malfunctions caused by high cycle rates. Short pulses are extended and can, hence, be identified reliably by downstream control components.

Our timing relay offers great functionality in a small footprint. A flat front panel, an easy-to-read LED display, and operating elements that are adjustable with standard tools make configurations very simple. With the IT-TIMER, Weidmüller offers a highly efficient multifunctional timing relay with multi-voltage input, which fulfills the product standards in accordance with IEC 61812-1.



### Your special advantages

- Multi-voltage input for operating ranges from 24 V DC to 48 V DC or 24 V AC to 240 V AC
- International usage guaranteed according to IEC 61812-1
- Multifunctional concept with seven easy configurable timing functions
- Extremely compact dimensions

#### Technical data

| Type                   | Rated control voltage                                        | Contact type        | Rated switching voltage | Continuous current | Order No.  | EAN           | Qty. |
|------------------------|--------------------------------------------------------------|---------------------|-------------------------|--------------------|------------|---------------|------|
| ITS 24-240VUC 1CO M7C  | 24...48 V DC - 15 % / + 10 % / 24...240 V AC - 15 % / + 10 % | 1 CO contact (AgNi) | 250 V AC                | 5 A                | 2496190000 | 4050118506211 | 1    |
| ITS 24-240VUC M7C PU10 | 24...48 V DC - 15 % / + 10 % / 24...240 V AC - 15 % / + 10 % | 1 CO contact (AgNi) | 250 V AC                | 5 A                | 2545120000 | 4050118555066 | 10   |

# 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. A 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.  | EAN           | Qty. |
|----------------------|------------------------|----------------------------------|----------------------------------|-----------------|------------|---------------|------|
| SCS 24VDC P1SIL3DS I | 24 V DC (16...36 V DC) | 250 V AC / 30 V DC               | 5 A                              | EN 61508:2010   | 2500980000 | 4050118514322 | 1    |

# Increase your investments' added value

## With the next generation of combiner boxes

Those who want to actively help shape the energy supply of tomorrow focus on uncompromising quality and performance when it comes to selecting a photovoltaic system's components. Reliable solutions that reduce downtimes benefit operators throughout a system's entire operational life. As competition in the energy sector increases, greater priority is being given to the cost-effectiveness of a system in the long term.

As an experienced energy supply partner, Weidmüller is on hand to help you with practical solutions. With the maintenance-free PV SMART combiner boxes, you can reduce your operating costs and enhance the profitability of your investments. Take advantage of high-performance technology that operates reliably, even with extreme temperature fluctuations. The PV SMART boxes ensure you are prepared for future market trends. Their intelligent monitoring and performance measurement functions help you to quickly identify and rectify malfunctions.



# Uncompromising durability and cost efficiency

## Customer-specific PV SMART combiner boxes

In the face of growing competition on the market for renewable energy, photovoltaic systems must be as efficient as possible. They therefore require components that are reliable and prevent downtimes.

With Weidmüller's proven solutions, all of the functions you need for your photovoltaic system to run smoothly are at your disposal. All components of our combiner boxes undergo stringent testing in our development laboratories to ensure high quality and long service life. This includes testing their properties under extreme temperature fluctuations and their insulation capability against external foreign bodies. Electronic products are continually tested in accordance with the latest EMC standards to guarantee reliable operation.

PV SMART boxes are available for 1,000 V and 1,500 V applications and are delivered ready to connect. The integrated PUSH IN connections halve the installation time required for conventional connection technologies. Benefit from our extensive know-how and experience, which we incorporate at every turn.

### Your special advantages

- Lower operating costs thanks to reduced maintenance
- Long service life of all components guaranteed through compliance with IP standards and certification pursuant to DIN EN 61439-2
- Connection-ready delivery for easy installation in the field



[www.weidmueller.com/pcb-cb](http://www.weidmueller.com/pcb-cb)

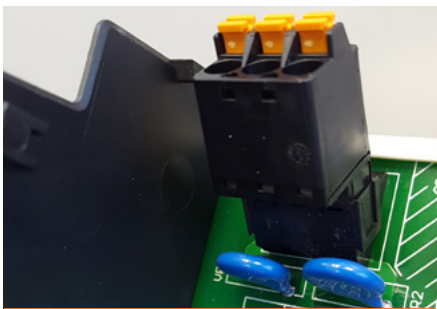


#### Reduced maintenance costs

The new combiner boxes combine high reliability and economy. They ensure optimal output without maintenance – even after many years in operation.

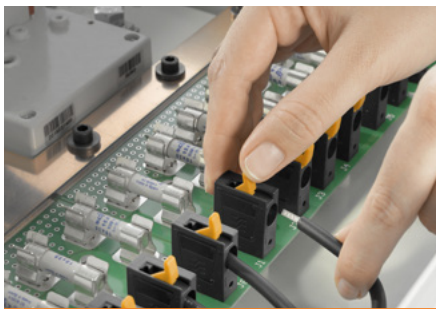
#### Ready for 1,000 V and 1,500 V

Weidmüller combiner boxes are available for 1,000 V and 1,500 V architectures.



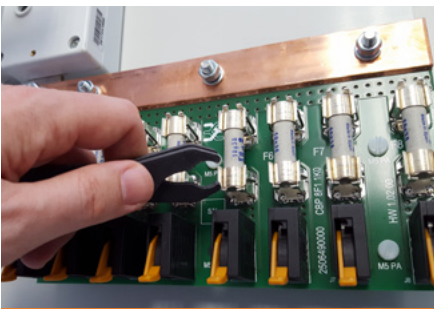
#### Optional monitoring

The monitoring of each and every PV string with the open ModBus RTU RS485 protocol ensures the optimal performance of the photovoltaic system.



#### Smart design and high quality

PV SMART combiner boxes are ready to connect. Our products undergo testing in accordance with IEC 61439-2 and other standards to ensure quality.



#### Easy fuse extraction

Designed with particular attention to detail and in close collaboration with customers to ensure maximum safety and easy handling.

## 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.

#### 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

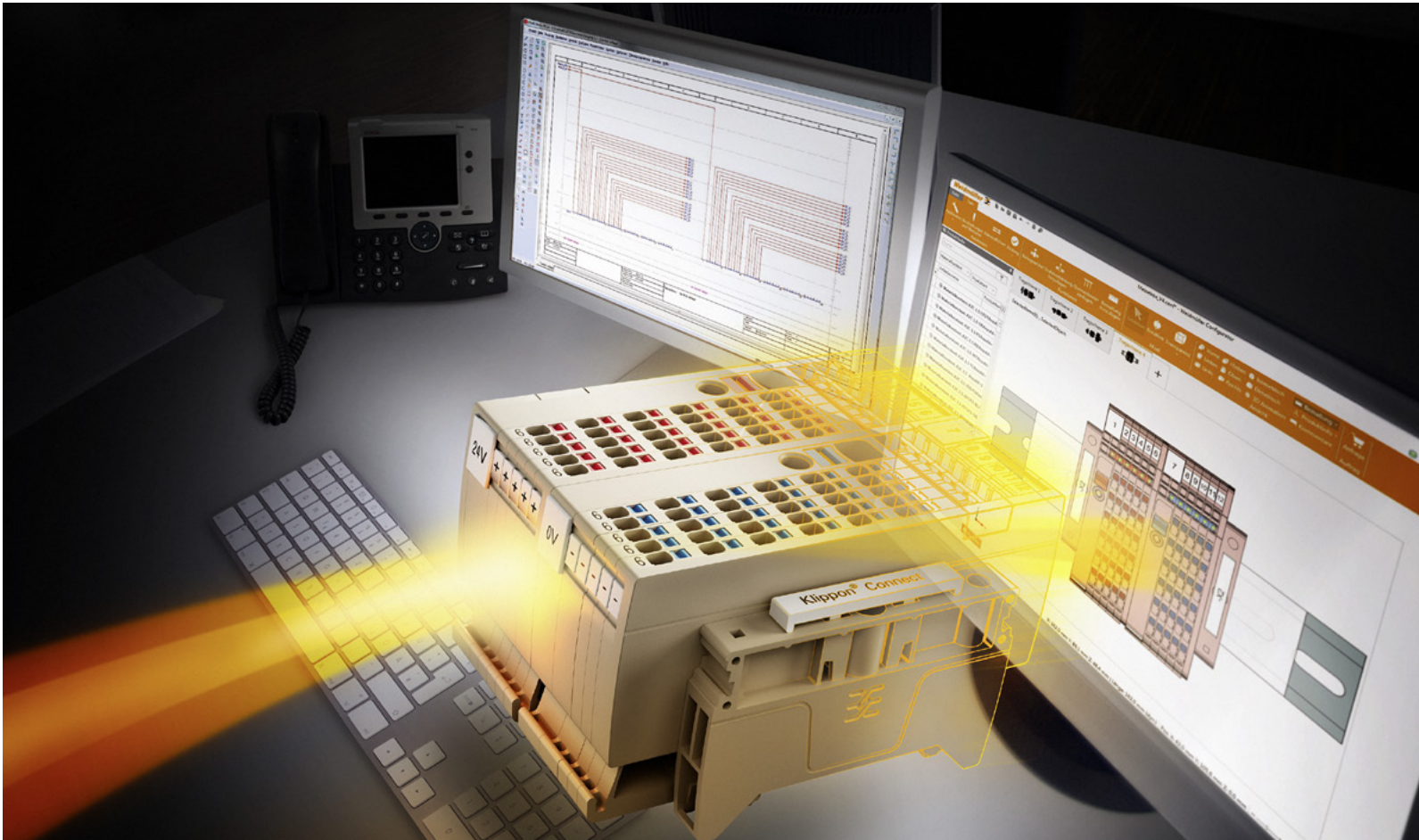
# Fast tracking planning processes effectively

## 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



[www.weidmueller.com/wmc](http://www.weidmueller.com/wmc)



#### 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.

# Greater flexibility in your project planning

## Fast Delivery Service for ready-to-install terminal strips

Modern panel building is a project business – with everything this entails: Orders on demand, tight deadlines and last-minute design changes are part and parcel of the job. To ensure timely and error-free delivery in the face of this increased complexity, you need to be able to rely on a partner that can keep pace with your short timeframes and won't refuse small batches on the grounds of being uneconomical.

By opting for our Fast Delivery Service, you free yourself from high fixed costs for reserved production capacities, the constant provision of storage space and the purchasing of individual components. The new feature in the Weidmüller Configurator (WMC) guarantees the delivery of individual and ready-to-install terminal strips in just five working days (in Germany). Following the usual intuitive configuration in your E-CAD system and the WMC, simply submit your request and within a few minutes you will receive an automated quote with all item numbers.

As soon as you have placed your order, we will assemble your selected components using your WMC file in just four days and send it to you directly. For deliveries within Germany, your installation-ready terminal strips will therefore be with you after five working days. To ensure you are also able to handle smaller projects and individual requirements economically, we enable you to order quantities from a batch size of one..



### Your special advantages

- Regular intuitive configuration in your E-CAD system or the WMC
- Assembly of individual and ready-to-install terminal strips using your WMC file
- Economical handling of projects from a batch size of one
- Normal delivery time of four days for assembly and one day for shipment within Germany



**More flexibility**  
Ensures consistent service even during peaks in demand



**1. Offer provided in minutes**  
Your order is automatically processed after completing your configuration in the WMC



**2. Assembly in quantities of 1 or more**  
Ready-to-install assembly that meets your individual specifications



**3. 5-day delivery service\***  
Regular delivery time if you opt for the „Fast Delivery“ range  
\*4 days for assembly + 1 day for shipping within Germany

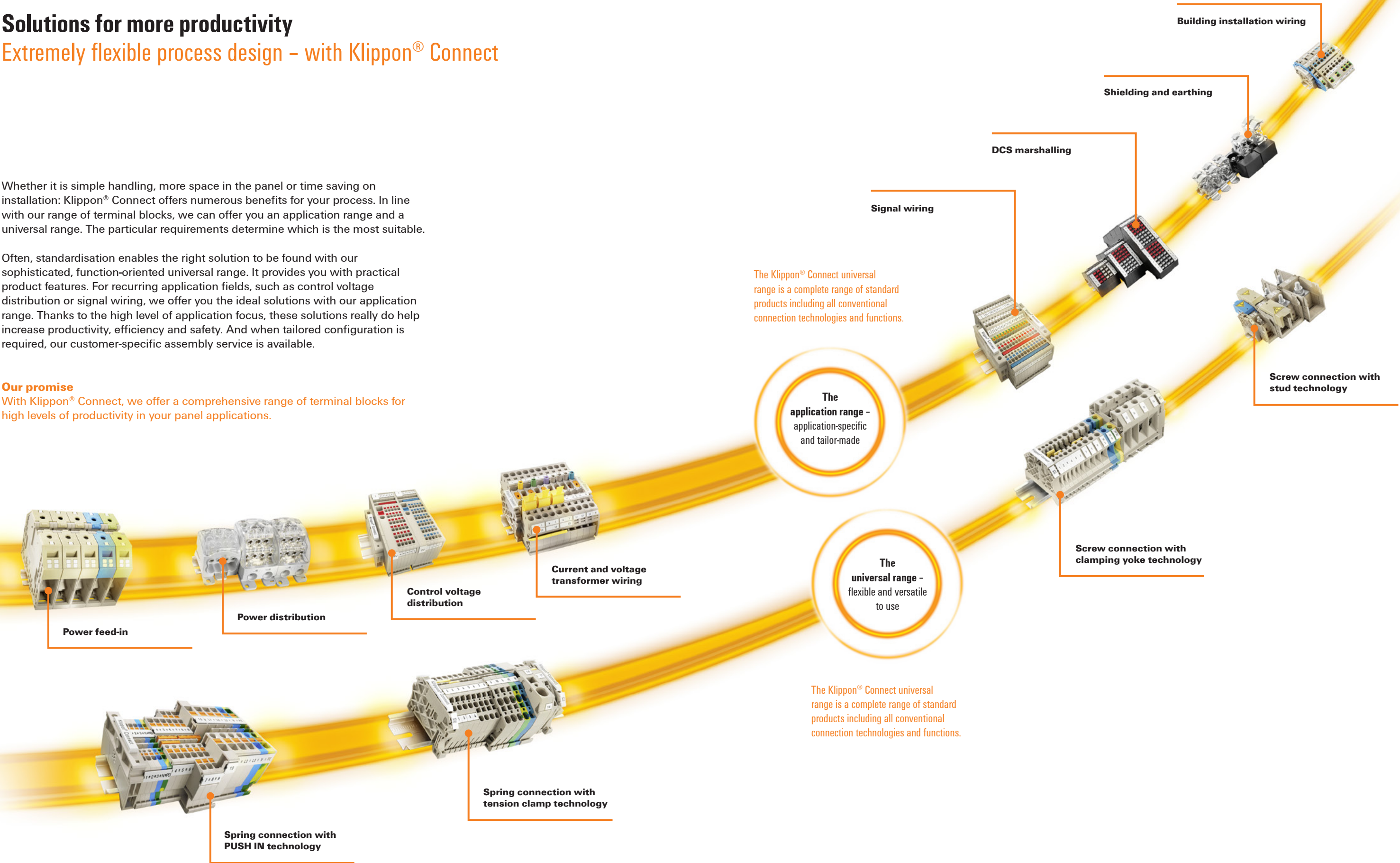
# Solutions for more productivity

## Extremely flexible process design – with Klippon® Connect

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

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

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



# Standardised implementation of efficient solutions

## Klippon® Connect universal products with PUSH IN technology

As a result of growing competitive and cost-related pressure, innovative connection solutions that offer both minimal installation time and maximum safety for users and equipment are in demand. With Klippon® Connect universal products, you can address every requirement under the same standard.

The new Klippon® Connect PUSH IN series terminals of the A-series combine simple handling with clear design and small dimensions. This saves time during installation and increases productivity. Subsequent modifications and rewiring are possible at any time without any special tool due to the simple functional principle as well as the spring-mounted mounting foot. The spring-based direct plug-in technology ensures a vibration-proof and gas-tight connection.

### Your special advantages

- Integrated check and test point on each level
- Testing with standard measuring tips and test plugs
- Large marking areas for unambiguous identification
- Integrated pusher for easy opening of the clamping point without special tools
- Convenient cross-connection – also to terminals with a smaller cross-section



#### Compensating mounting foot

A spring-loaded mounting foot compensates for differences in terminal rail dimensions. This makes latching and unlatching the terminal blocks easier.



#### Integrated cross-connectors

Integrated cross-connection channels increase flexibility and shorten wiring times for panel building. All cross-connectors can be adapted and marked easily.



#### Check and test point

The standardised check and test point simplifies wiring tests and troubleshooting at every level.



#### Efficient markers

Large marking surfaces at each contact point simplify circuit allocation. The new marker strips make labelling more effective.

# 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

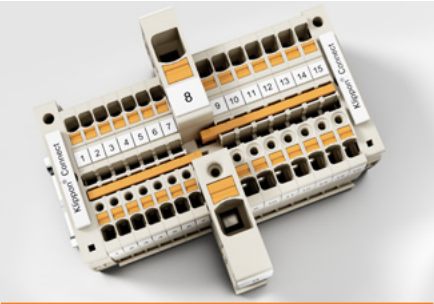
| Type            | Rated voltage / Rated current | Clamping range, rated connection, min. / max. | Colour         | Order No.  | EAN           | Qty. |
|-----------------|-------------------------------|-----------------------------------------------|----------------|------------|---------------|------|
| A2C 10          | 1000 V / 57 A                 | 0.5...10 mm²                                  | Dark Beige     | 2490360000 | 4050118500813 | 25   |
| A2C 10 BL       | 1000 V / 57 A                 | 0.5...10 mm²                                  | Blue           | 2490370000 | 4050118500806 | 25   |
| A2C 10 PE       | 1000 V /                      | 0.5...10 mm²                                  | green / yellow | 2490440000 | 4050118500844 | 25   |
| A2C 16          | 1000 V / 76 A                 | 0.75...16 mm²                                 | Dark Beige     | 2494000000 | 4050118504019 | 20   |
| A2C 16 BL       | 1000 V / 76 A                 | 0.75...16 mm²                                 | Blue           | 2494100000 | 4050118504101 | 20   |
| A2C 16 PE       | 1000 V /                      | 0.75...16 mm²                                 | green / yellow | 2494010000 | 4050118503876 | 20   |
| A3C 10          | 1000 V / 57 A                 | 0.5...10 mm²                                  | Dark Beige     | 2490520000 | 4050118500394 | 25   |
| A3C 10 BL       | 1000 V / 57 A                 | 0.5...10 mm²                                  | Blue           | 2490510000 | 4050118500905 | 25   |
| A3C 10 PE       | 1000 V /                      | 0.5...10 mm²                                  | green / yellow | 2490590000 | 4050118500929 | 25   |
| A3C 16          | 1000 V / 76 A                 | 0.75...16 mm²                                 | Dark Beige     | 2494090000 | 4050118503791 | 20   |
| A3C 16 BL       | 1000 V / 76 A                 | 0.75...16 mm²                                 | Blue           | 2494080000 | 4050118503784 | 20   |
| A3C 16 PE       | 800 V /                       | 0.75...16 mm²                                 | green / yellow | 2494020000 | 4050118503883 | 20   |
| ALO 16          | 800 V / 76 A                  | 0.75...16 mm²                                 | Dark Beige     | 2502280000 | 4050118515787 | 20   |
| ALO 16 BL       | 800 V / 76 A                  | 0.75...16 mm²                                 | Blue           | 2502320000 | 4050118515794 | 20   |
| Accessories     |                               |                                               |                |            |               |      |
| AEP 2C 10/16    |                               |                                               | Dark Beige     | 2490380000 | 4050118500820 | 20   |
| AEP 2C 10/16 BL |                               |                                               | Blue           | 2490390000 | 4050118500837 | 20   |
| AEP 3C 10/16    |                               |                                               | Dark Beige     | 2490530000 | 4050118500912 | 20   |
| AEP 3C 10/16 BL |                               |                                               | Blue           | 2490540000 | 4050118501001 | 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.



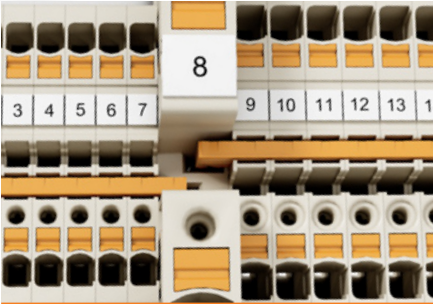
#### Easy potential distribution

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.

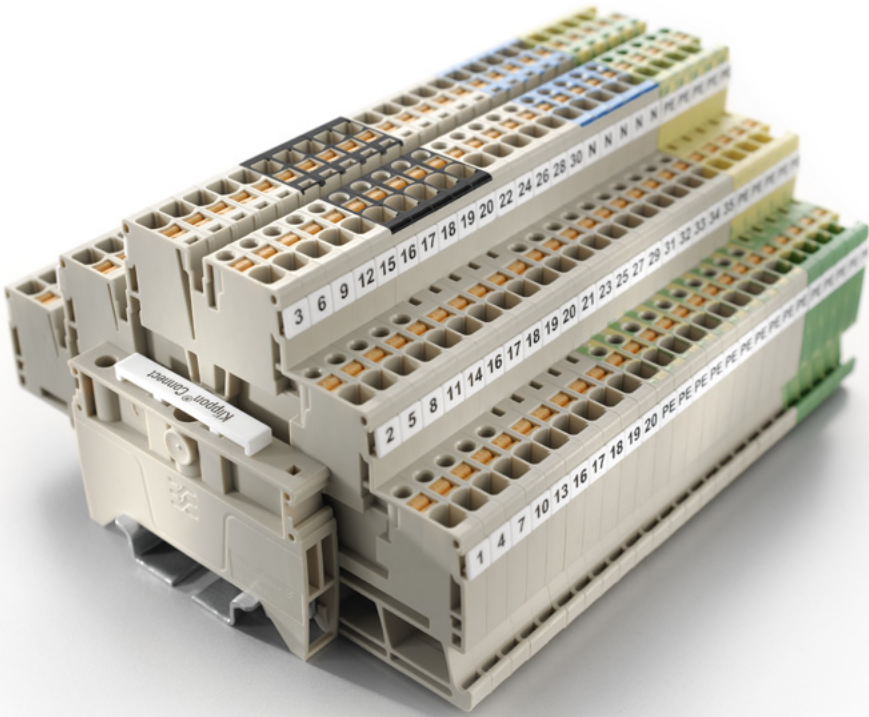
Our three-tier terminal blocks permit connection to three different potentials on a width of only 5.1 mm and come in many different variants to meet the current industrial requirements. Coloured Pusher and a wide range of marking options ensure safe and structured wiring. The smart design and the numerous 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

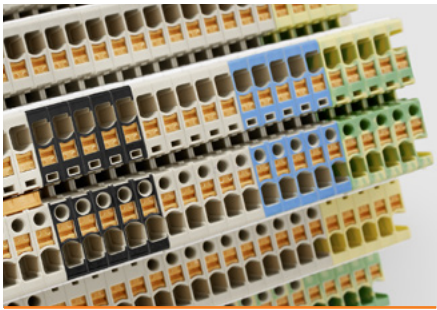
#### Technical data

| Type             | Rated voltage / Rated current | Clamping range, rated connection, min. / max. | Colour         | Order No.  | EAN           | Qty. |
|------------------|-------------------------------|-----------------------------------------------|----------------|------------|---------------|------|
| A3T 2.5          | 800 V / 22 A                  | 0.14...2.5 mm <sup>2</sup>                    | Dark Beige     | 2428510000 | 4050118438208 | 50   |
| A3T 2.5 BL       | 800 V / 22 A                  | 0.14...2.5 mm <sup>2</sup>                    | Blue           | 2428520000 | 4050118438116 | 50   |
| A3T 2.5 FT-FT-PE | 800 V / 24 A                  | 0.14...2.5 mm <sup>2</sup>                    | Dark Beige     | 2428530000 | 4050118438215 | 50   |
| A3T 2.5 N-FT-PE  | 800 V / 24 A                  | 0.14...2.5 mm <sup>2</sup>                    | Dark Beige     | 2428840000 | 4050118438130 | 50   |
| A3T 2.5 PE       | 800 V /                       | 0.14...2.5 mm <sup>2</sup>                    | green / yellow | 2428550000 | 4050118438239 | 50   |
| A3T 2.5 VL       | 800 V / 24 A                  | 0.14...2.5 mm <sup>2</sup>                    | Dark Beige     | 2428540000 | 4050118438222 | 25   |
| A3T 2.5 VL BL    | 800 V / 24 A                  | 0.14...2.5 mm <sup>2</sup>                    | Blue           | 2428850000 | 4050118438147 | 25   |
| Accessories      |                               |                                               |                |            |               |      |
| AEP 3T 2.5       |                               |                                               | Dark Beige     | 2428560000 | 4050118438246 | 20   |
| AEP 3T 2.5 BL    |                               |                                               | Blue           | 2428860000 | 4050118438154 | 20   |



#### Professional identification

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



#### Efficient wiring

A terminal block is only 5.1 mm wide and can accommodate three potentials. Cross connections on each tier permit a bridging of the potentials for shorter wiring time.



#### Simplified testing

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



#### 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.

# 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.

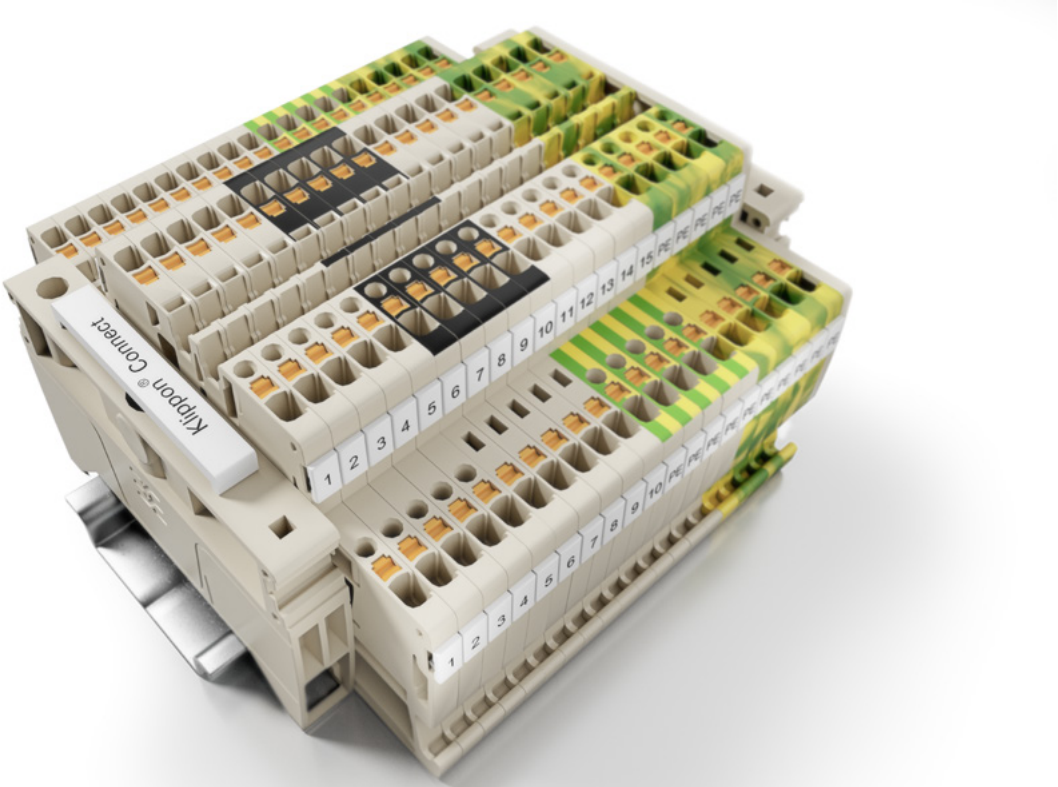
The 2-tier terminal blocks meet the current industry requirements due to their large number of variants and the possibility of connecting three different potentials on a width of only 3.5 mm. Various colours and marking options ensure a safe and structured wiring. The smart design and the numerous connection 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, rated connection, min. / max. | Colour         | Order No.  | EAN           | Qty. |
|---------------|-------------------------------|-----------------------------------------------|----------------|------------|---------------|------|
| A2T 1.5       | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige     | 2469370000 | 4050118485387 | 50   |
| A2T 1.5 BL    | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Blue           | 2471430000 | 4050118485295 | 50   |
| A2T 1.5 FT-PE | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige     | 2469390000 | 4050118485394 | 50   |
| A2T 1.5 OR    | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Orange         | 2471440000 | 4050118485509 | 50   |
| A2T 1.5 PE    | 500 V /                       | 0.14...1.5 mm²                                | green / yellow | 2469410000 | 4050118485615 | 50   |
| A2T 1.5 VL    | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige     | 2469400000 | 4050118485608 | 50   |
| A2T 1.5 VL BL | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Blue           | 2471450000 | 4050118485448 | 50   |
| A2T 1.5 VL OR | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Orange         | 2471460000 | 4050118485455 | 50   |
| Accessories   |                               |                                               |                |            |               |      |
| AEP 2T 1.5    |                               |                                               | Dark Beige     | 2469420000 | 4050118562255 | 20   |
| AEP 2T 1.5 BL |                               |                                               | Blue           | 2471470000 | 4050118562293 | 20   |



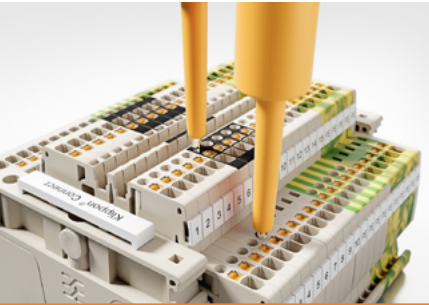
#### Particularly space-saving

A terminal block is only 3.5 mm wide. Cross connections on each tier permit a 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

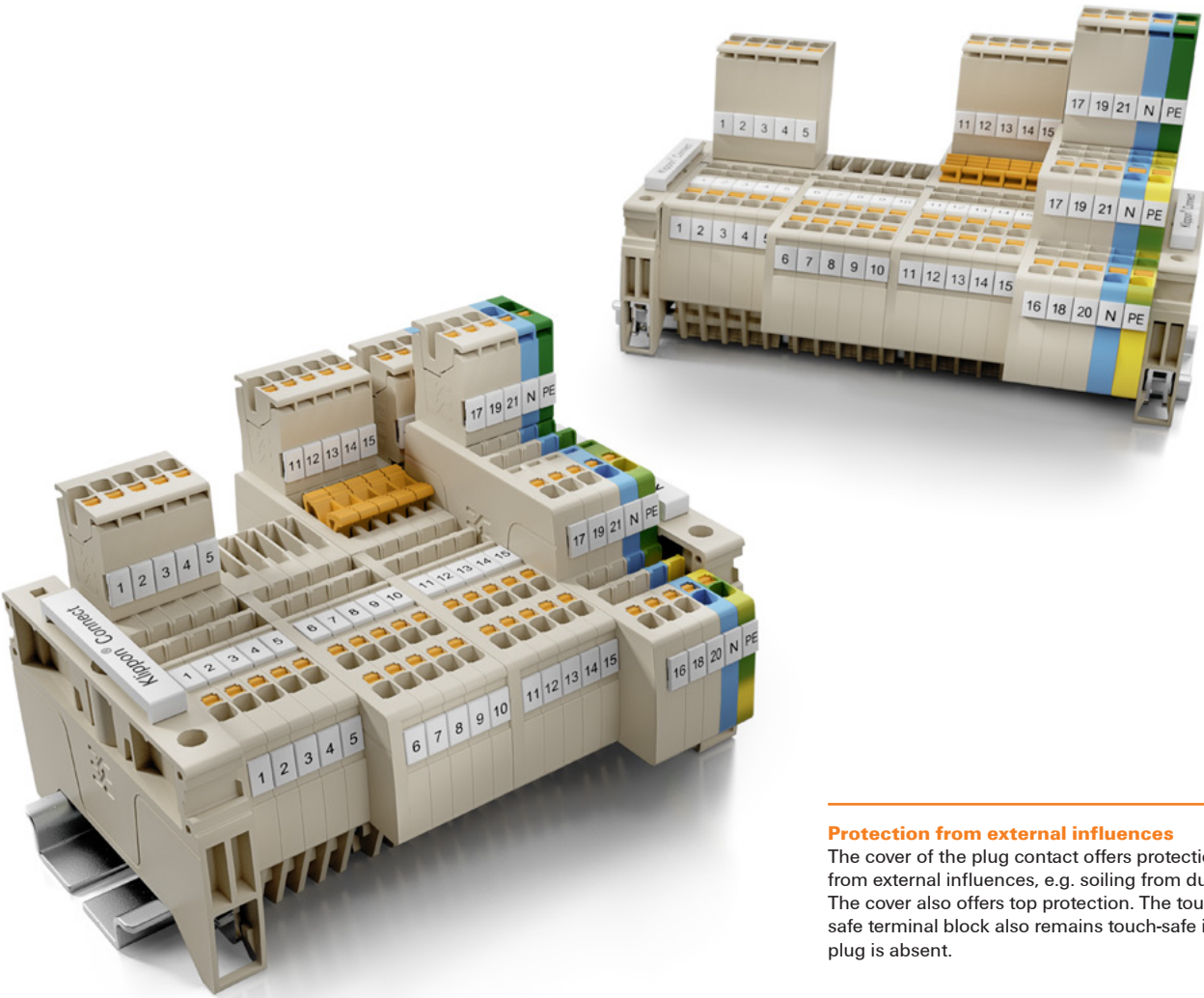
## Klippon® Connect modular pluggable terminal blocks

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.

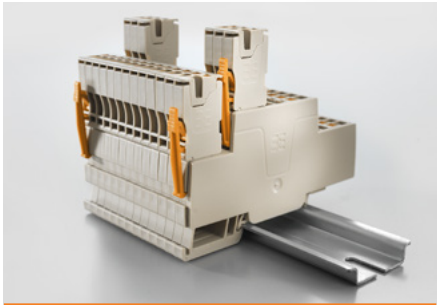
Klippon® Connect pluggable terminal blocks with PUSH IN connection technology combine the advantages of our unique connection technology with the flexibility of our connectors. They enable the quick and easy exchange of functional units in the control cabinet. The system works reliably even under the 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 mismatching**  
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, rated connection, min. / max. | Colour                  | Order No.  | EAN           | Qty. |
|-------------------------|-------------------------------|-----------------------------------------------|-------------------------|------------|---------------|------|
| APGTB 1.5 FT 2C/1       | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482160000 | 4050118494228 | 50   |
| APGTB 1.5 FT 2C/1 BL    | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Blue                    | 2482170000 | 4050118494235 | 50   |
| APGTB 1.5 PE 2C/1       | 500 V /                       | 0.14...1.5 mm²                                | green / yellow          | 2482220000 | 4050118493931 | 50   |
| APGTB 1.5 FT 3C/1       | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482180000 | 4050118494242 | 50   |
| APGTB 1.5 FT 3C/1 BL    | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Blue                    | 2482190000 | 4050118494259 | 50   |
| APGTB 1.5 PE 3C/1       | 500 V /                       | 0.14...1.5 mm²                                | green / yellow          | 2482230000 | 4050118493955 | 50   |
| APGTB 1.5 FT 4C/2       | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482200000 | 4050118494266 | 50   |
| APGTB 1.5 FT 4C/2 BL    | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Blue                    | 2482210000 | 4050118494273 | 50   |
| APGTB 1.5 PE 4C/2       | 500 V /                       | 0.14...1.5 mm²                                | green / yellow          | 2482240000 | 4050118493948 | 50   |
| APGTB 1.5 2T 4C/2       | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2485840000 | 4050118496086 | 50   |
| APGTB 1.5 2T 4C/2 BL    | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Blue                    | 2485850000 | 4050118496093 | 50   |
| APGTB 1.5 2T FT-PE 4C/2 | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2485860000 | 4050118496390 | 50   |
| APGTB 1.5 2T PE 4C/2    | 500 V /                       | 0.14...1.5 mm²                                | green / yellow          | 2485870000 | 4050118496505 | 50   |
| APGTB 1.5 2T VL 4C/2    | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2485920000 | 4050118496376 | 50   |
| APGTB 1.5 2T VL 4C/2 BL | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Blue                    | 2485930000 | 4050118496406 | 50   |
| APGTB 2.5 FT 2C/1       | 800 V / 24 A                  | 0.14...2.5 mm²                                | Dark Beige              | 1513970000 | 4050118321531 | 100  |
| APGTB 2.5 FT 2C/1 BL    | 800 V / 24 A                  | 0.14...2.5 mm²                                | Blue                    | 1513990000 | 4050118321500 | 100  |
| APGTB 2.5 PE 2C/1       | 800 V /                       | 0.14...2.5 mm²                                | green / yellow          | 1513870000 | 4050118321395 | 50   |
| APGTB 2.5 FT 3C/1       | 800 V / 24 A                  | 0.14...2.5 mm²                                | Dark Beige              | 1514000000 | 4050118321371 | 50   |
| APGTB 2.5 FT 3C/1 BL    | 800 V / 24 A                  | 0.14...2.5 mm²                                | Blue                    | 1514020000 | 4050118321555 | 50   |
| APGTB 2.5 PE 3C/1       | 800 V /                       | 0.14...2.5 mm²                                | green / yellow          | 1513890000 | 4050118321609 | 50   |
| APGTB 2.5 FT 4C/2       | 800 V / 24 A                  | 0.14...2.5 mm²                                | Dark Beige              | 1514030000 | 4050118321401 | 50   |
| APGTB 2.5 FT 4C/2 BL    | 800 V / 24 A                  | 0.14...2.5 mm²                                | Blue                    | 1514040000 | 4050118321654 | 50   |
| APGTB 2.5 PE 4C/2       | 800 V /                       | 0.14...2.5 mm²                                | green / yellow          | 1513920000 | 4050118321418 | 50   |
| APGTB 2.5 2T 4C/2       | 800 V / 24 A                  | 0.14...2.5 mm²                                | Dark Beige              | 1548060000 | 4050118353808 | 50   |
| APGTB 2.5 2T 4C/2 BL    | 800 V / 24 A                  | 0.14...2.5 mm²                                | Blue                    | 1548070000 | 4050118353815 | 50   |
| APGTB 2.5 2T FT-PE 4C/2 | 800 V / 24 A                  | 0.14...2.5 mm²                                | Dark Beige              | 1548130000 | 4050118354010 | 50   |
| APGTB 2.5 2T PE 4C/2    | 800 V /                       | 0.14...2.5 mm²                                | green / yellow          | 1548160000 | 4050118353945 | 50   |
| APGTB 2.5 2T VL 4C/2    | 800 V / 24 A                  | 0.14...2.5 mm²                                | Dark Beige              | 1548140000 | 4050118353853 | 50   |
| APGTB 2.5 2T VL 4C/2 BL | 800 V / 24 A                  | 0.14...2.5 mm²                                | Blue                    | 1548150000 | 4050118353938 | 50   |
| APG 2.5/3-BG-BL-GN      | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige, Blue, Green | 1513820000 | 4050118321449 | 25   |

Technical data

| Type                 | Rated voltage / Rated current | Clamping range, rated connection, min. / max. | Colour                  | Order No.  | EAN           | Qty. |
|----------------------|-------------------------------|-----------------------------------------------|-------------------------|------------|---------------|------|
| Accessories          |                               |                                               |                         |            |               |      |
| MCV APG 1.5          |                               |                                               | Dark Beige              | 2485980000 | 4050118496512 | 50   |
| AEP PGTB 1.5 4C/2    |                               |                                               | Dark Beige              | 2482510000 | 4050118493979 | 50   |
| AEP PGTB 1.5 4C/2 BL |                               |                                               | Blue                    | 2482520000 | 4050118493986 | 50   |
| APG 1.5 L            | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482250000 | 4050118494280 | 50   |
| APG 1.5 L BL         | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Blue                    | 2482260000 | 4050118494297 | 50   |
| APG 1.5 L GN         | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Green                   | 2482270000 | 4050118494303 | 50   |
| APG 1.5 MI           | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482280000 | 4050118494310 | 50   |
| APG 1.5 MI BL        | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Blue                    | 2482290000 | 4050118494327 | 50   |
| APG 1.5 MI GN        | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Green                   | 2482300000 | 4050118494365 | 50   |
| APG 1.5 R            | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482310000 | 4050118494372 | 50   |
| APG 1.5 R BL         | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Blue                    | 2482320000 | 4050118494389 | 50   |
| APG 1.5 R GN         | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Green                   | 2482330000 | 4050118494396 | 50   |
| APG 1.5/1            | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482340000 | 4050118494402 | 50   |
| APG 1.5/10           | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482430000 | 4050118494495 | 20   |
| APG 1.5/2            | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482350000 | 4050118494419 | 25   |
| APG 1.5/3            | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482360000 | 4050118494426 | 25   |
| APG 1.5/3-BG-BL-GN   | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige, Blue, Green | 2482460000 | 4050118494525 | 25   |
| APG 1.5/4            | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482370000 | 4050118494433 | 25   |
| APG 1.5/4-3BG-GN     | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige, Green       | 2482450000 | 4050118494518 | 25   |
| APG 1.5/5            | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482380000 | 4050118494440 | 25   |
| APG 1.5/5-3BG-BL-GN  | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige, Blue, Green | 2482440000 | 4050118494501 | 25   |
| APG 1.5/6            | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482390000 | 4050118494457 | 25   |
| APG 1.5/7            | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482400000 | 4050118494464 | 25   |
| APG 1.5/8            | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482410000 | 4050118494471 | 20   |
| APG 1.5/9            | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige              | 2482420000 | 4050118494488 | 20   |
| MCV APG 2.5          |                               |                                               | Dark Beige              | 2035590000 | 4050118480119 | 50   |
| AEP PGTB 2.5 4C/2    |                               |                                               | Dark Beige              | 1514450000 | 4050118485851 | 50   |
| AEP PGTB 2.5 4C/2 BL |                               |                                               | Blue                    | 1514470000 | 4050118483703 | 50   |
| APG 2.5 L            | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige              | 1513830000 | 4050118321623 | 50   |
| APG 2.5 L BL         | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Blue                    | 1513840000 | 4050118321388 | 50   |
| APG 2.5 L GN         | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Green                   | 1513850000 | 4050118321616 | 50   |
| APG 2.5 MI           | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige              | 1513880000 | 4050118321630 | 50   |
| APG 2.5 MI BL        | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Blue                    | 1513900000 | 4050118321432 | 50   |
| APG 2.5 MI GN        | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Green                   | 1513930000 | 4050118321456 | 50   |
| APG 2.5 R            | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige              | 1513940000 | 4050118321548 | 50   |
| APG 2.5 R BL         | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Blue                    | 1513950000 | 4050118321647 | 50   |
| APG 2.5 R GN         | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Green                   | 1513980000 | 4050118321470 | 50   |
| APG 2.5/1            | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige              | 1513720000 | 4050118321326 | 50   |
| APG 2.5/10           | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige              | 1513770000 | 4050118321487 | 20   |
| APG 2.5/2            | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige              | 1513640000 | 4050118321180 | 25   |
| APG 2.5/3            | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige              | 1513650000 | 4050118321340 | 25   |
| APG 2.5/3-BG-BL-GN   | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige, Blue, Green | 1513820000 | 4050118321449 | 25   |
| APG 2.5/4            | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige              | 1513670000 | 4050118321524 | 25   |
| APG 2.5/4-3BG-GN     | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige, Green       | 1513790000 | 4050118321364 | 25   |
| APG 2.5/5            | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige              | 1513680000 | 4050118321333 | 25   |
| APG 2.5/5-3BG-BL-GN  | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige, Blue, Green | 1513780000 | 4050118321357 | 25   |
| APG 2.5/6            | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige              | 1513690000 | 4050118321463 | 25   |
| APG 2.5/7            | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige              | 1513700000 | 4050118321296 | 25   |
| APG 2.5/8            | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige              | 1513730000 | 4050118321425 | 20   |
| APG 2.5/9            | 500 V / 17.5 A                | 0.14...2.5 mm²                                | Dark Beige              | 1513740000 | 4050118321197 | 20   |

# Safety, protection, and reliable disconnection of electrical circuits

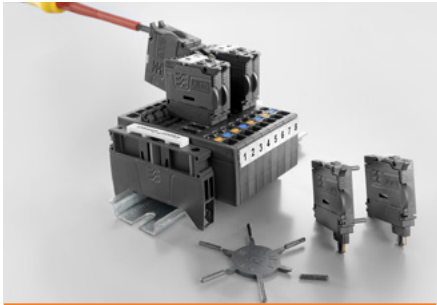
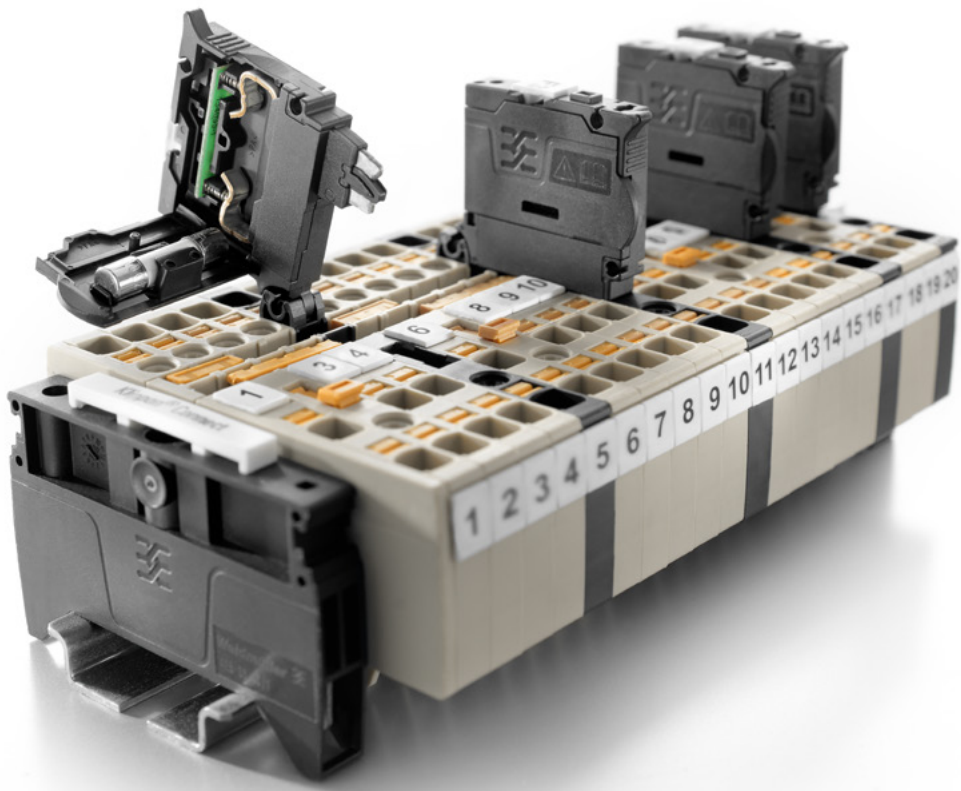
## Klippon® Connect combines protective functions and quick assembly

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 disconnect 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 a 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-poles 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 standardized disconnect section.

Technical data

| Type                 | Rated voltage / Rated current | Clamping range, rated connection, min. / max. | Colour         | Order No.  | EAN           | Qty. |
|----------------------|-------------------------------|-----------------------------------------------|----------------|------------|---------------|------|
| A3C 4                | 800 V / 32 A                  | 0.5...4 mm <sup>2</sup>                       | Dark Beige     | 2051240000 | 4050118411546 | 50   |
| A3C 4 BK             | 800 V / 32 A                  | 0.5...4 mm <sup>2</sup>                       | Black          | 2051400000 | 4050118411560 | 50   |
| A3C 4 BL             | 800 V / 32 A                  | 0.5...4 mm <sup>2</sup>                       | Blue           | 2051280000 | 4050118411614 | 50   |
| A3C 4 BR             | 800 V / 32 A                  | 0.5...4 mm <sup>2</sup>                       | Brown          | 2534290000 | 4050118546040 | 50   |
| A3C 4 DBL            | 800 V / 32 A                  | 0.5...4 mm <sup>2</sup>                       | Dark Blue      | 2534360000 | 4050118546057 | 50   |
| A3C 4 GN             | 800 V / 32 A                  | 0.5...4 mm <sup>2</sup>                       | Green          | 2051350000 | 4050118411584 | 50   |
| A3C 4 LTGY           | 800 V / 32 A                  | 0.5...4 mm <sup>2</sup>                       | Light Grey     | 2051460000 | 4050118411553 | 50   |
| A3C 4 OR             | 800 V / 32 A                  | 0.5...4 mm <sup>2</sup>                       | Orange         | 2051320000 | 4050118411386 | 50   |
| A3C 4 PE             | 800 V /                       | 0.5...4 mm <sup>2</sup>                       | green / yellow | 2051410000 | 4050118411713 | 50   |
| A3C 4 RD             | 800 V / 32 A                  | 0.5...4 mm <sup>2</sup>                       | Red            | 2051300000 | 4050118411591 | 50   |
| A3C 4 WT             | 800 V / 32 A                  | 0.5...4 mm <sup>2</sup>                       | White          | 2051370000 | 4050118411812 | 50   |
| A3C 4 YL             | 800 V / 32 A                  | 0.5...4 mm <sup>2</sup>                       | Yellow         | 2051340000 | 4050118411669 | 50   |
| ADT 4 2C             | 500 V / 24 A                  | 0.5...4 mm <sup>2</sup>                       | Dark Beige     | 2429850000 | 4050118439724 | 50   |
| ADT 4 2C BL          | 500 V / 24 A                  | 0.5...4 mm <sup>2</sup>                       | Blue           | 2429880000 | 4050118439670 | 50   |
| ADT 4 2C OR          | 500 V / 24 A                  | 0.5...4 mm <sup>2</sup>                       | Orange         | 2429890000 | 4050118439687 | 50   |
| AFS 4 2C BK          | 250 V / 6.3 A                 | 0.5...4 mm <sup>2</sup>                       | Black          | 2429860000 | 4050118439717 | 50   |
| AFS 4 2C BK/BL       | 250 V / 6.3 A                 | 0.5...4 mm <sup>2</sup>                       | Black          | 2548140000 | 4050118557367 | 50   |
| AFS 4 2C 10-36V BK   | 36 V / 6.3 A                  | 0.5...4 mm <sup>2</sup>                       | Black          | 2429870000 | 4050118439588 | 50   |
| AFS 4 2C 60-150V BK  | 150 V / 6.3 A                 | 0.5...4 mm <sup>2</sup>                       | Black          | 2434380000 | 4050118445107 | 50   |
| AFS 4 2C 100-250V BK | 250 V / 6.3 A                 | 0.5...4 mm <sup>2</sup>                       | Black          | 2434390000 | 4050118445114 | 50   |
| AFS 4 2C 30-70V BK   | 70 V / 6.3 A                  | 0.5...4 mm <sup>2</sup>                       | Black          | 2434350000 | 4050118445039 | 50   |
| Accessories          |                               |                                               |                |            |               |      |
| AEP 3C 4             |                               |                                               | Dark Beige     | 2051720000 | 4050118411829 | 20   |
| AEP 3C 4 BK          |                               |                                               | Black          | 2486640000 | 4050118497458 | 20   |
| AEP 3C 4 BL          |                               |                                               | Blue           | 2051880000 | 4050118411836 | 20   |
| AEP 3C 4 OR          |                               |                                               | Orange         | 2051890000 | 4050118411799 | 20   |

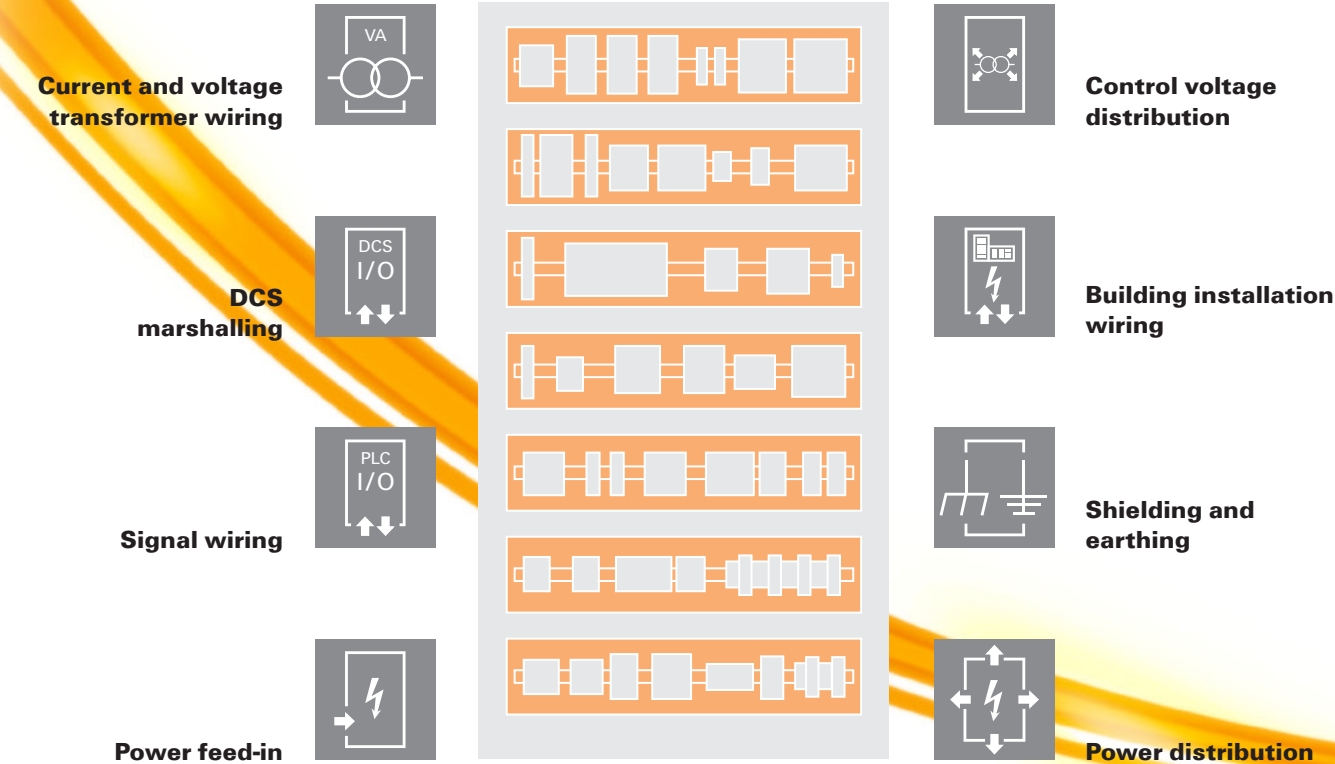
# Panel building requires innovative ideas

## Klippon® Connect delivers pioneering connectivity solutions

While panels are indeed configured individually, various recurring application fields within the panel are a permanent fixture in almost all industries.

We have identified and developed special solutions for these application fields. By purposefully structuring and adapting the product functions to the respective requirements, our needs-based application products decisively help to boost your productivity, efficiency and safety at all stages of the panel building process.

**Our promise**  
Our tailored application range guarantees substantial efficiency benefits at every individual stage of the process and leads to unbeatable productivity gains in your panel building operations.



**Power feed-in**  
Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.



**Power distribution**  
You safely and efficiently distribute electricity to the power consumers with our W-Series feed-through terminal blocks and our optimised WPD phase distribution blocks.



**Control voltage distribution**  
Our tailored AAP potential distribution terminal blocks are ideal for surge current protection and central control voltage distribution. Meanwhile, our new maxGUARD range enables potential distribution with integrated electronic load monitoring in the smallest of installation spaces.



**Current and voltage transformer wiring**  
Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.



**Signal wiring**  
Tailored and particularly compact: with our AIO initiator/actuator terminal blocks, you are relying on an application-optimised solution for signal wiring. We also offer you other terminal blocks featuring spring and screw connection technology for signal wiring.



**DCS marshalling**  
Our innovative PRV terminal blocks for DCS marshalling featuring a PUSH IN connection and our multifunctional DCS marshalling terminals featuring a screw connection (WMF) not only save space in the panel; they also guarantee more effective signal transmission in process control systems.



**Shielding and earthing**  
Our protective earth conductor and shielding terminals featuring different connection technologies allow you to effectively protect both people and equipment from interference, such as electrical or magnetic fields. A comprehensive range of accessories rounds off our range.



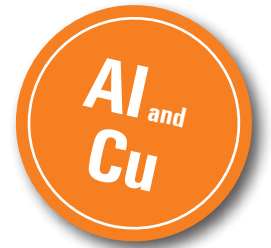
**Building installation wiring**  
For building installations, we offer a complete system that revolves around the 10x3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

## Reliable and efficient power supply

### 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 an easy and safe installation of aluminium and copper conductors in a small footprint. A 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.



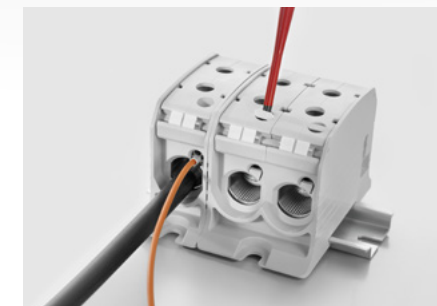
### Your special advantages

- 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.  | EAN           | Qty. |
|----------------------------------|-------------------------------|---------------|---------------|--------------|------------|---------------|------|
| WPD 130 1X50/1X50 GY             | 50 mm <sup>2</sup>            | 1000 V        | 120 A         | cURus; FIMKO | 2502530000 | 4050118516258 | 9    |
| WPD 130 1X50/1X50 BL             | 50 mm <sup>2</sup>            | 1000 V        | 120 A         | cURus; FIMKO | 2502540000 | 4050118516265 | 9    |
| WPD 130 1X50/1X50 GN             | 50 mm <sup>2</sup>            | 1000 V        | 120 A         | cURus; FIMKO | 2502550000 | 4050118516272 | 9    |
| WPD 130 1X50/1X50 BN             | 50 mm <sup>2</sup>            | 1000 V        | 120 A         | cURus; FIMKO | 2502560000 | 4050118516289 | 9    |
| WPD 130 1X50/1X50 BK             | 50 mm <sup>2</sup>            | 1000 V        | 120 A         | cURus; FIMKO | 2502570000 | 4050118516296 | 9    |
| WPD 230 2X50/2X50 GY             | 50 mm <sup>2</sup>            | 1000 V        | 120 A         | cURus; FIMKO | 2502580000 | 4050118516401 | 5    |
| WPD 230 2X50/2X50 BL             | 50 mm <sup>2</sup>            | 1000 V        | 120 A         | cURus; FIMKO | 2502590000 | 4050118516418 | 5    |
| WPD 230 2X50/2X50 GN             | 50 mm <sup>2</sup>            | 1000 V        | 120 A         | cURus; FIMKO | 2502600000 | 4050118516425 | 5    |
| WPD 230 2X50/2X50 BN             | 50 mm <sup>2</sup>            | 1000 V        | 120 A         | cURus; FIMKO | 2502610000 | 4050118516432 | 5    |
| WPD 230 2X50/2X50 BK             | 50 mm <sup>2</sup>            | 1000 V        | 120 A         | cURus; FIMKO | 2502950000 | 4050118516777 | 5    |
| WPD 330 3X50/3X50 3XGY           | 50 mm <sup>2</sup>            | 1000 V        | 120 A         | cURus; FIMKO | 2502620000 | 4050118516449 | 3    |
| WPD 330 3X50/3X50 1XGY/1XBL/1XGN | 50 mm <sup>2</sup>            | 1000 V        | 120 A         | cURus; FIMKO | 2502640000 | 4050118516463 | 3    |
| WPD 330 3X50/3X50 1XBN/1XBK/1XGY | 50 mm <sup>2</sup>            | 1000 V        | 120 A         | cURus; FIMKO | 2502650000 | 4050118516470 | 2    |
| WPD 131 1X95/1X95 BL             | 95 mm <sup>2</sup>            | 1000 V        | 155 A         | cURus; FIMKO | 2502660000 | 4050118516487 | 2    |
| WPD 131 1X95/1X95 GN             | 95 mm <sup>2</sup>            | 1000 V        | 155 A         | cURus; FIMKO | 2502670000 | 4050118516494 | 2    |
| WPD 131 1X95/1X95 BN             | 95 mm <sup>2</sup>            | 1000 V        | 155 A         | cURus; FIMKO | 2502680000 | 4050118516500 | 2    |
| WPD 131 1X95/1X95 BK             | 95 mm <sup>2</sup>            | 1000 V        | 155 A         | cURus; FIMKO | 2502690000 | 4050118516517 | 1    |
| WPD 131 1X95/1X95 GY             | 95 mm <sup>2</sup>            | 1000 V        | 155 A         | cURus; FIMKO | 2503090000 | 4050118516920 | 2    |
| WPD 231 2X95/2X95 GY             | 95 mm <sup>2</sup>            | 1000 V        | 155 A         | cURus; FIMKO | 2502700000 | 4050118516524 | 1    |
| WPD 231 2X95/2X95 BL             | 95 mm <sup>2</sup>            | 1000 V        | 155 A         | cURus; FIMKO | 2502710000 | 4050118516531 | 1    |
| WPD 231 2X95/2X95 GN             | 95 mm <sup>2</sup>            | 1000 V        | 155 A         | cURus; FIMKO | 2502720000 | 4050118516548 | 1    |
| WPD 231 2X95/2X95 BN             | 95 mm <sup>2</sup>            | 1000 V        | 155 A         | cURus; FIMKO | 2502730000 | 4050118516555 | 1    |
| WPD 231 2X95/2X95 BK             | 95 mm <sup>2</sup>            | 1000 V        | 155 A         | cURus; FIMKO | 2502740000 | 4050118516562 | 1    |
| WPD 132 1X185/1X185 GY           | 185 mm <sup>2</sup>           | 1000 V        | 250 A         | cURus; FIMKO | 2502750000 | 4050118516579 | 1    |
| WPD 132 1X185/1X185 BL           | 185 mm <sup>2</sup>           | 1000 V        | 250 A         | cURus; FIMKO | 2502760000 | 4050118516586 | 1    |
| WPD 132 1X185/1X185 GN           | 185 mm <sup>2</sup>           | 1000 V        | 250 A         | cURus; FIMKO | 2502770000 | 4050118516593 | 1    |
| WPD 132 1X185/1X185 BN           | 185 mm <sup>2</sup>           | 1000 V        | 250 A         | cURus; FIMKO | 2502780000 | 4050118516609 | 1    |
| WPD 132 1X185/1X185 BK           | 185 mm <sup>2</sup>           | 1000 V        | 250 A         | cURus; FIMKO | 2502790000 | 4050118516616 | 1    |
| WPD 232 2X185/2X185 GY           | 185 mm <sup>2</sup>           | 1000 V        | 250 A         | cURus; FIMKO | 2502800000 | 4050118516623 | 1    |
| WPD 232 2X185/2X185 BL           | 185 mm <sup>2</sup>           | 1000 V        | 250 A         | cURus; FIMKO | 2502810000 | 4050118516630 | 1    |
| WPD 232 2X185/2X185 GN           | 185 mm <sup>2</sup>           | 1000 V        | 250 A         | cURus; FIMKO | 2502820000 | 4050118516647 | 1    |
| WPD 232 2X185/2X185 BN           | 185 mm <sup>2</sup>           | 1000 V        | 250 A         | cURus; FIMKO | 2502830000 | 4050118516654 | 1    |
| WPD 232 2X185/2X185 BK           | 185 mm <sup>2</sup>           | 1000 V        | 250 A         | cURus; FIMKO | 2502840000 | 4050118516661 | 1    |
| WPD 133 1X300/1X300 GY           | 300 mm <sup>2</sup>           | 1000 V        | 340 A         | cURus; FIMKO | 2502850000 | 4050118516678 | 1    |
| WPD 133 1X300/1X300 BL           | 300 mm <sup>2</sup>           | 1000 V        | 340 A         | cURus; FIMKO | 2502860000 | 4050118516685 | 1    |
| WPD 133 1X300/1X300 GN           | 300 mm <sup>2</sup>           | 1000 V        | 340 A         | cURus; FIMKO | 2502870000 | 4050118516692 | 1    |
| WPD 133 1X300/1X300 BN           | 300 mm <sup>2</sup>           | 1000 V        | 340 A         | cURus; FIMKO | 2502880000 | 4050118516708 | 1    |
| WPD 133 1X300/1X300 BK           | 300 mm <sup>2</sup>           | 1000 V        | 340 A         | cURus; FIMKO | 2502890000 | 4050118516715 | 1    |
| WPD 233 2X300/2X300 GY           | 300 mm <sup>2</sup>           | 1000 V        | 340 A         | cURus; FIMKO | 2502900000 | 4050118516722 | 1    |
| WPD 233 2X300/2X300 BL           | 300 mm <sup>2</sup>           | 1000 V        | 340 A         | cURus; FIMKO | 2502910000 | 4050118516739 | 1    |
| WPD 233 2X300/2X300 GN           | 300 mm <sup>2</sup>           | 1000 V        | 340 A         | cURus; FIMKO | 2502920000 | 4050118516746 | 1    |
| WPD 233 2X300/2X300 BN           | 300 mm <sup>2</sup>           | 1000 V        | 340 A         | cURus; FIMKO | 2502930000 | 4050118516753 | 1    |
| WPD 233 2X300/2X300 BK           | 300 mm <sup>2</sup>           | 1000 V        | 340 A         | cURus; FIMKO | 2502940000 | 4050118516760 | 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 colors 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.  | EAN           | Qty. |
|---------------------------------|--------------------------------------|---------------------------------------|------------------|-----------------------------------|------------|---------------|------|
| WPD 104 1x25+1x16/2x16+3x10 BL  | 25 mm²                               | 16 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 2518250000 | 4050118538267 | 1    |
| WPD 104 1x25+1x16/2x16+3x10 GY  | 25 mm²                               | 16 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 1562000000 | 4050118367157 | 1    |
| WPD 204 2X25/4X16+6X10 2XBL     | 25 mm²                               | 16 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 2518330000 | 4050118577020 | 1    |
| WPD 204 2X25/4X16+6X10 2XGY     | 25 mm²                               | 16 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 1562150000 | 4050118385236 | 1    |
| WPD 304 3X25/6X16+9X10 3XBL     | 25 mm²                               | 16 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 2518340000 | 4050118536942 | 1    |
| WPD 304 3X25/6X16+9X10 3XGY     | 25 mm²                               | 16 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 1562160000 | 4050118385243 | 1    |
| WPD 105 1x35+1x16/2x25+3x16 BL  | 35 mm²                               | 25 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 2518540000 | 4050118531831 | 1    |
| WPD 105 1x35+1x16/2x25+3x16 GY  | 35 mm²                               | 25 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 1562170000 | 4050118385250 | 1    |
| WPD 205 2X35/4X25+6X16 2XBL     | 35 mm²                               | 25 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 2519470000 | 4050118531787 | 1    |
| WPD 205 2X35/4X25+6X16 2XGY     | 35 mm²                               | 25 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 1562180000 | 4050118385267 | 1    |
| WPD 305 3X35/6X25+9X16 3XBL     | 35 mm²                               | 25 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 2521770000 | 4050118534115 | 1    |
| WPD 305 3X35/6X25+9X16 3XGY     | 35 mm²                               | 25 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 1562190000 | 4050118385274 | 1    |
| WPD 106 1X70/2X25+3X16 BL       | 70 mm²                               | 25 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 2518570000 | 4050118531824 | 1    |
| WPD 106 1X70/2X25+3X16 GY       | 70 mm²                               | 25 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 1562210000 | 4050118385281 | 1    |
| WPD 107 1X95/2X35+8X25 BL       | 95 mm²                               | 25 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 2521730000 | 4050118534245 | 1    |
| WPD 107 1X95/2X35+8X25 GY       | 95 mm²                               | 25 mm²                                | 1000 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 1562220000 | 4050118385298 | 1    |
| WPD 108 1X120/2X35+3X25+4X16 BL | 120 mm²                              | 35 mm²                                | 1500 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 2519480000 | 4050118531794 | 1    |
| WPD 108 1X120/2X35+3X25+4X16 GY | 120 mm²                              | 35 mm²                                | 1500 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 1562100000 | 4050118385205 | 1    |
| WPD 109 1X185/2X35+3X25+4X16 BL | 185 mm²                              | 35 mm²                                | 1500 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 2519490000 | 4050118531916 | 1    |
| WPD 109 1X185/2X35+3X25+4X16 GY | 185 mm²                              | 35 mm²                                | 1500 V DC        | cCSAus; EAC; UR; VDE; ATEX; IECEx | 1562090000 | 4050118384895 | 1    |

# The secure and efficient way of distributing power

## Klippon® Connect provides the required flexibility

With the increasing automation, the number of three-phase-motors–whose connections must be accommodated in the control cabinet–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, rated connection, min. / max. | Colour     | Order No.  | EAN           | Qty. |
|--------------|-------------------------------|-----------------------------------------------|------------|------------|---------------|------|
| AMC 2.5 800V | 800 V / 22 A                  | 0.14...2.5 mm²                                | Dark Beige | 2434370000 | 4050118444438 | 50   |
| AMC 2.5      | 690 V / 22 A                  | 0.14...2.5 mm²                                | Dark Beige | 2434340000 | 4050118445022 | 50   |
| Accessories  |                               |                                               |            |            |               |      |
| AEP MC 2.5   |                               |                                               | Dark Beige | 2433820000 | 4050118444278 | 25   |



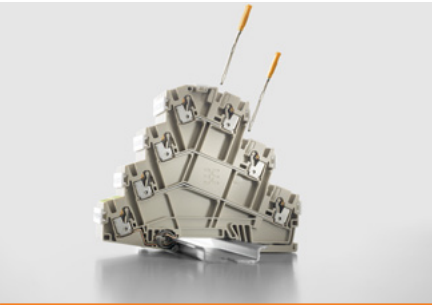
#### Applications up to 800 V

With its integrated end plate, the terminal blocks can handle applications of 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 an 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.

# 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.

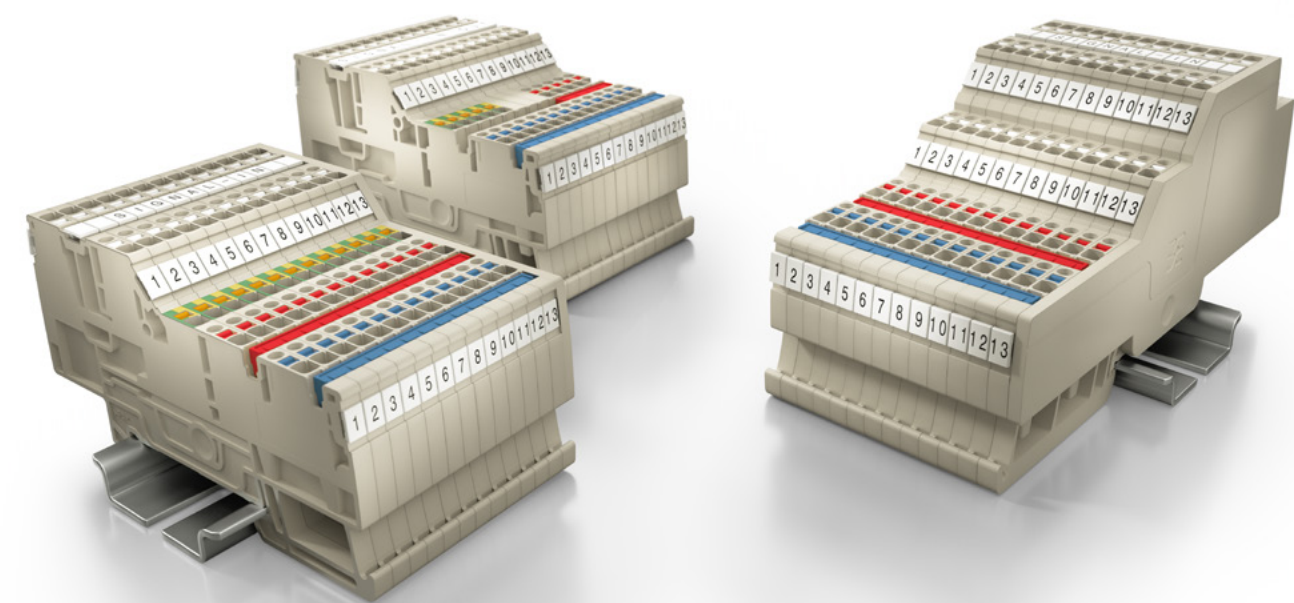
Our signal wiring solutions are geared for future automation requirements and are available in many different designs. Due to a large number of variants, you benefit from maximum flexibility in the design of the signal feed. In combination with an I/O system, a particularly effective and safe potential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

### Your special advantages

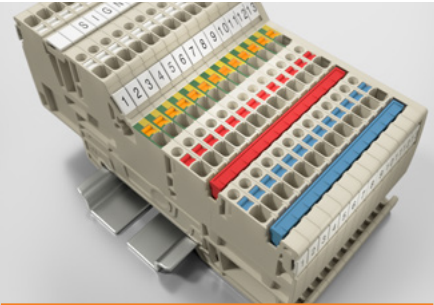
- Coloured pusher to prevent miswiring
- Testing points for diagnostics of potentials at each contact point
- Many variants, e.g., for sensors or actuators with three or four conductors and with and without protective conductor connection
- PUSH IN technology for a tool-free connection of rigid conductors and conductors with wire end ferrules

#### Technical data

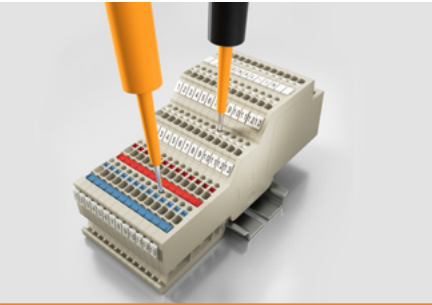
| Type            | Rated voltage / Rated current | Clamping range, rated connection, min. / max. | Colour     | Order No.  | EAN           | Qty. |
|-----------------|-------------------------------|-----------------------------------------------|------------|------------|---------------|------|
| AIO21 1.5 SI    | 250 V / 13.5 A                | 0.14...1.5 mm <sup>2</sup>                    | Dark Beige | 1992260000 | 4050118377446 | 100  |
| AIO21 1.5 SO    | 250 V / 13.5 A                | 0.14...1.5 mm <sup>2</sup>                    | Dark Beige | 1992240000 | 4050118377545 | 100  |
| AIO21 1.5 SO-PE | 250 V / 13.5 A                | 0.14...1.5 mm <sup>2</sup>                    | Dark Beige | 1992250000 | 4050118377347 | 100  |
| AIO22 1.5 SI-PE | 250 V / 13.5 A                | 0.14...1.5 mm <sup>2</sup>                    | Dark Beige | 1992230000 | 4050118377439 | 100  |
| AIO23 1.5 2SI   | 250 V / 13.5 A                | 0.14...1.5 mm <sup>2</sup>                    | Dark Beige | 1992220000 | 4050118377538 | 50   |
| Accessories     |                               |                                               |            |            |               |      |
| AEP IO21        |                               |                                               | Dark Beige | 1993580000 | 4050118378535 | 50   |
| AEP IO22        |                               |                                               | Dark Beige | 1993590000 | 4050118378726 | 50   |
| AEP IO23        |                               |                                               | Dark Beige | 1993600000 | 4050118378719 | 50   |



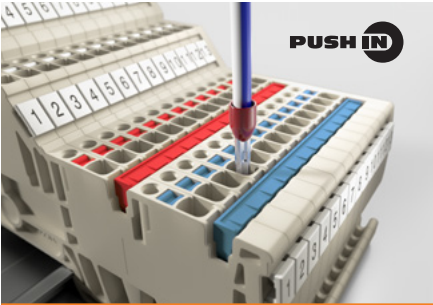
**Many variants**  
Whether it's for three- or four-conductor initiators or actuators with and without a protective earth connection, we've got the perfect terminal block in our range.



**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 speed 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

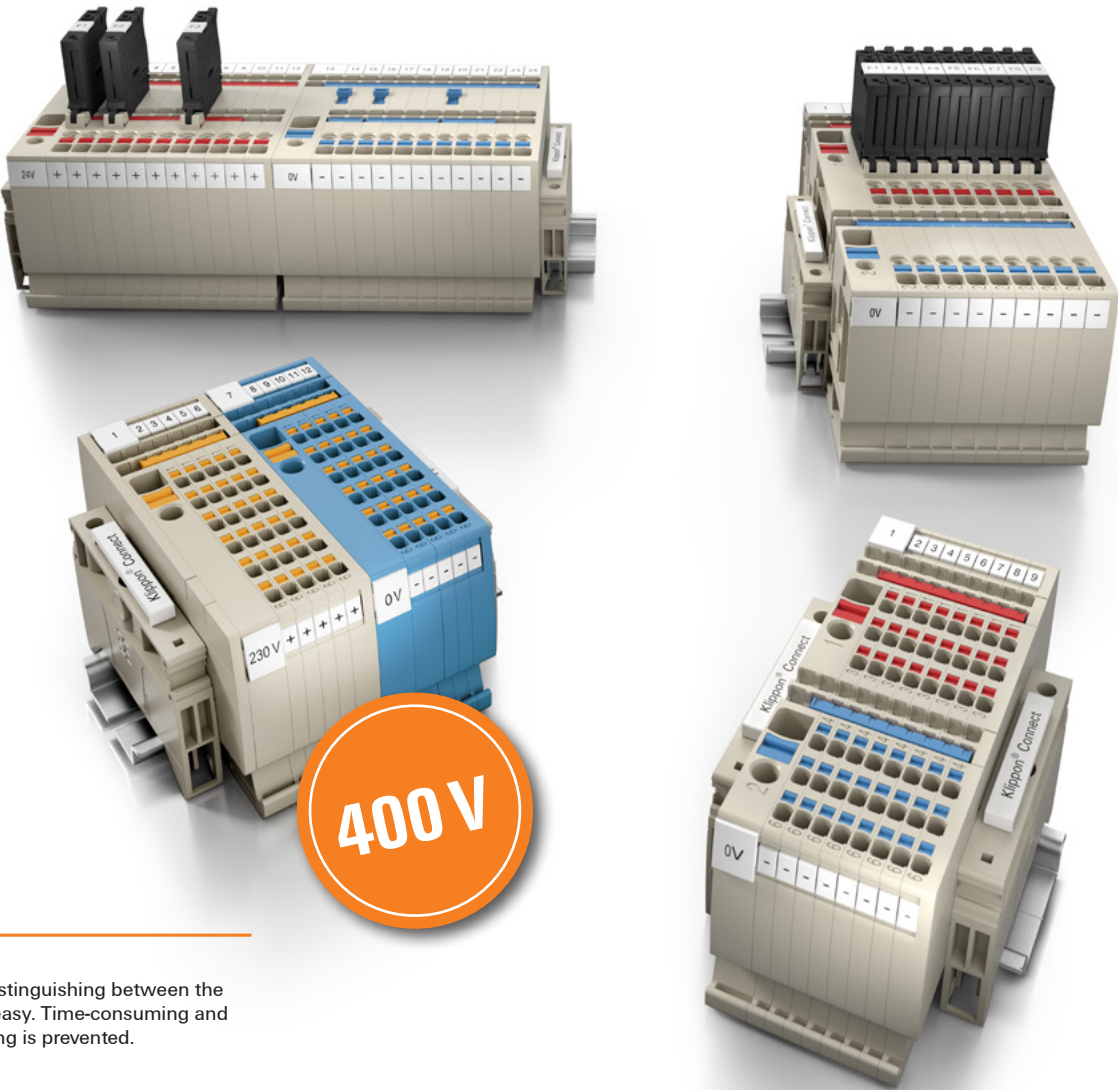
## Klippon® Connect for optimum control voltage distribution

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

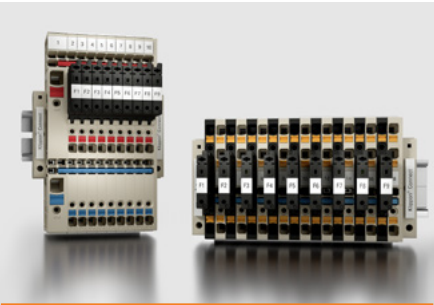
Klippon® Connect control voltage distribution terminal blocks AAP support the compact design of control voltage distributions and ensure effective control voltage of the equipment in the control cabinet. The unique modular concept can be tailored to every type of machine. The potential distribution terminal blocks AAP achieve success due to their uniform design with two possible constructions – alternating or grouped. Cross-connection possibilities save space and avoid miswiring.

### Your special advantages

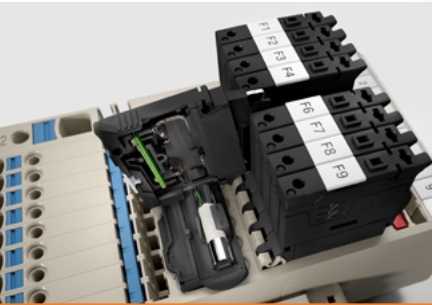
- Space saving by combining positive and negative potentials on a single terminal block
- Quick fuse replacement by simply opening and releasing the fuse holder from the compound
- Coloured pusher for potential discrimination in control current distributions from 0 to 400 V
- Two cross-connection channels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

Technical data

| Type                   | Rated voltage / Rated current | Clamping range, rated connection, min. / max. | Colour     | Order No.  | EAN           | Qty. |
|------------------------|-------------------------------|-----------------------------------------------|------------|------------|---------------|------|
| AAP11 1.5 LI BL        | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige | 1988170000 | 4050118372922 | 50   |
| AAP11 1.5 LI BL/OR     | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Blue       | 2522870000 | 4050118554908 | 50   |
| AAP11 1.5 LI OR        | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige | 2503910000 | 4050118517583 | 50   |
| AAP11 1.5 LI RD        | 500 V / 17.5 A                | 0.14...1.5 mm²                                | Dark Beige | 1988160000 | 4050118372939 | 50   |
| AAP11 6 FE             | 500 V /                       | 0.5...6 mm²                                   | Dark Beige | 1988140000 | 4050118372960 | 20   |
| AAP11 6 LO BL          | 500 V / 41 A                  | 0.5...6 mm²                                   | Dark Beige | 1988130000 | 4050118373004 | 20   |
| AAP11 6 LO BL/OR       | 500 V / 41 A                  | 0.5...6 mm²                                   | Blue       | 2522720000 | 4050118553031 | 20   |
| AAP11 6 LO OR          | 500 V / 41 A                  | 0.5...6 mm²                                   | Dark Beige | 2503650000 | 4050118517538 | 20   |
| AAP11 6 LO RD          | 500 V / 41 A                  | 0.5...6 mm²                                   | Dark Beige | 1989780000 | 4050118485097 | 20   |
| AAP12 10 FE            | 800 V /                       | 0.5...10 mm²                                  | Dark Beige | 1988200000 | 4050118372847 | 20   |
| AAP12 10 LO BL         | 800 V / 57 A                  | 0.5...10 mm²                                  | Dark Beige | 1988180000 | 4050118372861 | 20   |
| AAP12 10 LO BL/OR      | 800 V / 57 A                  | 0.5...10 mm²                                  | Blue       | 2522860000 | 4050118553048 | 20   |
| AAP12 10 LO OR         | 800 V / 57 A                  | 0.5...10 mm²                                  | Dark Beige | 2503900000 | 4050118517576 | 20   |
| AAP12 10 LO RD         | 800 V / 57 A                  | 0.5...10 mm²                                  | Dark Beige | 1988190000 | 4050118372793 | 20   |
| AAP12 2.5 LI BL/OR     | 800 V / 24 A                  | 0.5...2.5 mm²                                 | Blue       | 2522840000 | 4050118554915 | 50   |
| AAP12 2.5 LI BL        | 800 V / 24 A                  | 0.5...2.5 mm²                                 | Dark Beige | 1988100000 | 4050118372762 | 50   |
| AAP12 2.5 LI OR        | 800 V / 24 A                  | 0.5...2.5 mm²                                 | Dark Beige | 2503880000 | 4050118517552 | 50   |
| AAP12 2.5 LI RD        | 800 V / 24 A                  | 0.5...2.5 mm²                                 | Dark Beige | 1988290000 | 4050118372779 | 50   |
| AAP13 1.5 LI-LI        | 250 V / 16 A                  | 0.14...1.5 mm²                                | Dark Beige | 1988280000 | 4050118372878 | 50   |
| AAP13 6 FE-LO          | 250 V / 41 A                  | 0.5...6 mm²                                   | Dark Beige | 1988270000 | 4050118372885 | 20   |
| AAP13 6 LO-LO          | 250 V / 41 A                  | 0.5...6 mm²                                   | Dark Beige | 1988260000 | 4050118372892 | 20   |
| AAP14 10 FE-LO         | 500 V / 57 A                  | 0.5...10 mm²                                  | Dark Beige | 1988240000 | 4050118372953 | 20   |
| AAP14 10 LO-LO         | 500 V / 57 A                  | 0.5...10 mm²                                  | Dark Beige | 1988250000 | 4050118373011 | 20   |
| AAP14 2.5 LI-LI        | 500 V / 24 A                  | 0.5...2.5 mm²                                 | Dark Beige | 1988230000 | 4050118372946 | 50   |
| AAP21 10 FE            | 250 V /                       | 0.5...10 mm²                                  | Dark Beige | 2428920000 | 4050118438284 | 20   |
| AAP21 10 LO BL         | 250 V / 57 A                  | 0.5...10 mm²                                  | Dark Beige | 2428940000 | 4050118438260 | 20   |
| AAP21 10 LO RD         | 250 V / 57 A                  | 0.5...10 mm²                                  | Dark Beige | 2428910000 | 4050118438253 | 20   |
| AAP21 4 DT             | 250 V / 20 A                  | 0.5...4 mm²                                   | Dark Beige | 2428980000 | 4050118438307 | 50   |
| AAP21 4 FS             | 250 V / 6.3 A                 | 0.5...4 mm²                                   | Dark Beige | 2428950000 | 4050118438291 | 50   |
| AAP21 4 FS 10-36V      | 36 V / 6.3 A                  | 0.5...4 mm²                                   | Dark Beige | 2458990000 | 4050118474855 | 50   |
| AAP21 4 FS 100-250V    | 250 V / 6.3 A                 | 0.5...4 mm²                                   | Dark Beige | 2460180000 | 4050118475586 | 50   |
| AAP21 4 FS 30-70V      | 70 V / 6.3 A                  | 0.5...4 mm²                                   | Dark Beige | 2460200000 | 4050118475609 | 50   |
| AAP21 4 FS 60-150V     | 150 V / 6.3 A                 | 0.5...4 mm²                                   | Dark Beige | 2460190000 | 4050118475593 | 50   |
| AAP21 4 LI BL          | 250 V / 32 A                  | 0.5...4 mm²                                   | Dark Beige | 2428960000 | 4050118438086 | 50   |
| AAP21 4 LI RD          | 250 V / 32 A                  | 0.5...4 mm²                                   | Dark Beige | 2428930000 | 4050118438277 | 50   |
| AAP22 10 FE-LO         | 250 V / 17 A                  | 0.5...10 mm²                                  | Dark Beige | 2429000000 | 4050118438192 | 20   |
| AAP22 10 LO-LO         | 250 V / 57 A                  | 0.5...10 mm²                                  | Dark Beige | 2428990000 | 4050118438185 | 20   |
| AAP22 4 LI-FS          | 250 V / 6.3 A                 | 0.5...4 mm²                                   | Dark Beige | 2429010000 | 4050118438406 | 50   |
| AAP22 4 LI-FS 10-36V   | 36 V / 6.3 A                  | 0.5...4 mm²                                   | Dark Beige | 2459010000 | 4050118475531 | 50   |
| AAP22 4 LI-FS 100-250V | 250 V / 6.3 A                 | 0.5...4 mm²                                   | Dark Beige | 2460120000 | 4050118475548 | 50   |
| AAP22 4 LI-FS 30-70V   | 70 V / 6.3 A                  | 0.5...4 mm²                                   | Dark Beige | 2460140000 | 4050118475562 | 50   |
| AAP22 4 LI-FS 60-150V  | 150 V / 6.3 A                 | 0.5...4 mm²                                   | Dark Beige | 2460130000 | 4050118475555 | 50   |
| Accessories            |                               |                                               |            |            |               |      |
| AEP AP11               |                               |                                               | Dark Beige | 1988320000 | 4050118372854 | 20   |
| AEP AP12               |                               |                                               | Dark Beige | 1988300000 | 4050118372786 | 20   |
| AEP AP13               |                               |                                               | Dark Beige | 1990140000 | 4050118375152 | 20   |
| AEP AP14               |                               |                                               | Dark Beige | 1988340000 | 4050118373103 | 20   |
| AEP AP21               |                               |                                               | Dark Beige | 2429020000 | 4050118438413 | 20   |
| AEP AP22               |                               |                                               | Dark Beige | 2429040000 | 4050118438505 | 20   |

# Protection of modern PV applications

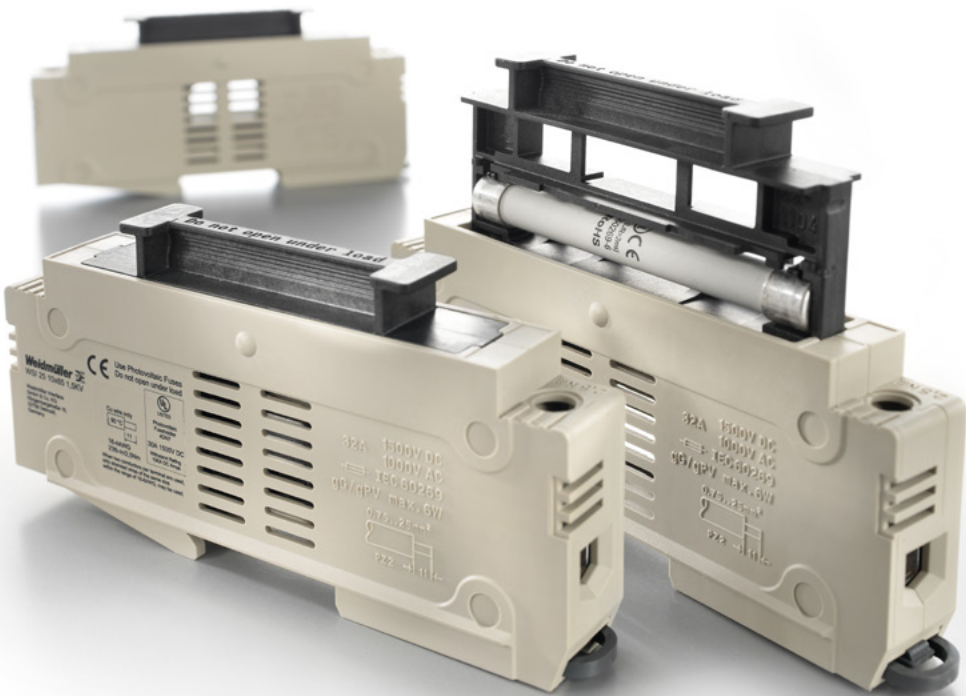
## WSI 25 10X85 1.5KV fuse terminal blocks for PV systems with 1,500 V

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.  | EAN           | Qty. |
|--------------------|---------------------------------|------------------|------------------|---------------|------------|---------------|------|
| WSI 25 10X85 1.5KV | max. 6.0 W for 10x85, 14x85 gPV | 1000 V AC        | 1500 V DC        | 32 A          | 2469360000 | 4050118517965 | 5    |



**Futureproof 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.

# Plug-and-produce rather than complex assembly

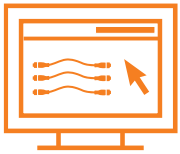
## Ready-for-connection cables for every requirement

In an increasingly digital environment, the reliable transmission of power, signals and data requires the rapid availability of standardised cabling solutions and the development of individual special cables. Modularisation and digitalisation mean that system planners are confronted with increasingly complex processes. This has led to a growth in demand for standardised plug-and-produce solutions that can be installed and operated efficiently. At the same time, plug-in connectors need to combine more and more functions, meaning individual assemblies need to be integration-ready according to the requirement.

Whether 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.

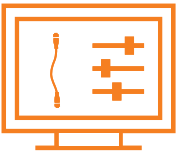
### Your special advantages

- Tailored end-to-end connectivity from a single source
- Customisable sensor-actuator and Industrial Ethernet cabling from a batch size of one
- Needs-based order options to match your requirements



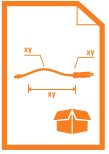
#### Pick to order

From our extensive range of cord-setsproducts including standard plugs and cables, select the option that best suits your requirements and order directly via the online catalogue from a batch size of one.



#### Configure to order

Use our online configurator to plan your individual connecting lines with specific cable lengths. Ordering is possible from a quantity of one here, too.



#### Make to order

Configure individual combinations of assembled connecting lines directly together with a Weidmüller specialist. You can also discuss special packages, special markings or specific tests with us individually.

## More freedom – less effort

### RockStar® ModuPlug sets new standards

Progressive automation is constantly creating new challenges for industrial applications, as processes must become more digitalised but remain comprehensible. Meanwhile, complex functions need to be performed easily and massive amounts of data need to be transmitted over the smallest space possible. Cutting-edge connectivity ensures that companies are prepared for the demands of Industry 4.0.

The possibilities presented by Weidmüller mean you don't have to restrict yourself in the way you work: the modular RockStar® ModuPlug connector system solves space problems by offering increased functionality with reduced installation space. Thanks to the innovative variety of module sizes available, you can achieve the highest possible density while saving space and weight.



# 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.

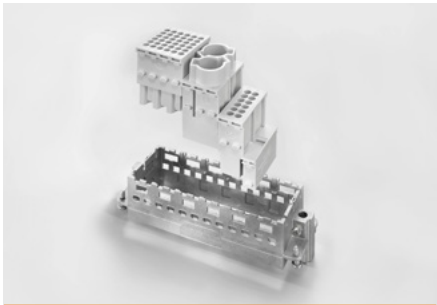
In response, connector technology is offering solutions for ever-greater density. One such solution is RockStar® ModuPlug. The modular connector system enables a greater array of functions in a smaller installation space by conveniently combining different transmission media within a single interface. 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](http://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 up to two Cat. 6A 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.  | EAN           | Qty. |
|----------------|---------|--------------|------------------------------|------------------------------|------------|---------------|------|
| HDC MHP 100 MC | Male    | 2            | 1000                         | 100                          | 1429060000 | 4050118233292 | 1    |
| HDC MHP 100 FC | Female  | 2            | 1000                         | 100                          | 1429080000 | 4050118233513 | 1    |
| HDC MHX 4P MC  | Male    | 4            | 830                          | 40                           | 1428950000 | 4050118233339 | 1    |
| HDC MHX 4P FC  | Female  | 4            | 830                          | 40                           | 1428970000 | 4050118233308 | 1    |
| HDC MHX 3 MC   | Male    | 3            | 690                          | 40                           | 1429340000 | 4050118233599 | 1    |
| HDC MHX 3 FC   | Female  | 3            | 690                          | 40                           | 1429350000 | 4050118233476 | 1    |
| HDC MHE 6P MC  | Male    | 6            | 830                          | 16                           | 1505650000 | 4050118314113 | 1    |
| HDC MHE 6P FC  | Female  | 6            | 830                          | 16                           | 1505660000 | 4050118314106 | 1    |
| HDC MHE 20 MC  | Male    | 20           | 500                          | 16                           | 1428910000 | 4050118233322 | 1    |
| HDC MHE 20 FC  | Female  | 20           | 500                          | 16                           | 1428930000 | 4050118233261 | 1    |
| HDC MHE 8 MC   | Male    | 8            | 400                          | 16                           | 1428880000 | 4050118233247 | 1    |
| HDC MHE 8 FC   | Female  | 8            | 400                          | 16                           | 1428890000 | 4050118233254 | 1    |
| HDC MHE 6 MC   | Male    | 6            | 500                          | 16                           | 1429360000 | 4050118233605 | 1    |
| HDC MHE 6 FC   | Female  | 6            | 500                          | 16                           | 1429370000 | 4050118233704 | 1    |
| HDC MHD 36 MC  | Male    | 36           | 250                          | 10                           | 1428860000 | 4050118233230 | 1    |
| HDC MHD 36 FC  | Female  | 36           | 250                          | 10                           | 1428870000 | 4050118233094 | 1    |
| HDC MHD 12 MC  | Male    | 12           | 250                          | 10                           | 1428840000 | 4050118232998 | 1    |
| HDC MHD 12 FC  | Female  | 12           | 250                          | 10                           | 1428850000 | 4050118233087 | 1    |
| HDC MBUS 2 MC  | Male    |              |                              |                              | 1428990000 | 4050118233346 | 1    |
| HDC MBUS 2 FC  | Female  |              |                              |                              | 1429020000 | 4050118233506 | 1    |
| HDC MDU        |         |              |                              |                              | 1429040000 | 4050118233421 | 1    |

Technical data – RockStar® ModuPlug – Frame

| Type          | Number of slots | Size | Order No.  | EAN           | Qty. |
|---------------|-----------------|------|------------|---------------|------|
| HDC MF 6B AB  | 2               | 3    | 1428920000 | 4050118233414 | 1    |
| HDC MF 6B BA  | 2               | 3    | 1428940000 | 4050118233353 | 1    |
| HDC MF 10B AC | 3               | 4    | 1428960000 | 4050118233223 | 1    |
| HDC MF 10B CA | 3               | 4    | 1428980000 | 4050118233278 | 1    |
| HDC MF 16B AD | 4               | 6    | 1429010000 | 4050118233315 | 1    |
| HDC MF 16B DA | 4               | 6    | 1429030000 | 4050118233407 | 1    |
| HDC MF 24B AF | 6               | 8    | 1429050000 | 4050118233285 | 1    |
| HDC MF 24B FA | 6               | 8    | 1429070000 | 4050118233520 | 1    |

Technical data – RockStar® ModuPlug – Data cables

| Type                    | Module side version | Opposite side version | Category | Cable length | Order No.  | EAN           | Qty. |
|-------------------------|---------------------|-----------------------|----------|--------------|------------|---------------|------|
| HDC XX5E01 FOXXXXX-0100 | Female              | open                  | Cat. 5e  | 1 m          | 2003920100 | 4050118464450 | 1    |
| HDC XX5E01 MOXXXXX-0100 | Male                | open                  | Cat. 5e  | 1 m          | 2003890100 | 4050118464481 | 1    |
| HDC XX5E01 MFSXXXX-0050 | Male                | Female, straight      | Cat. 5e  | 0.5 m        | 2453550050 | 4050118467383 | 1    |
| HDC XX5E01 MFSXXXX-0100 | Male                | Female, straight      | Cat. 5e  | 1 m          | 2453550100 | 4050118467284 | 1    |
| HDC XX5E01 MFSXXXX-0150 | Male                | Female, straight      | Cat. 5e  | 1.5 m        | 2453550150 | 4050118467291 | 1    |
| HDC XX5E01 MFSXXXX-0300 | Male                | Female, straight      | Cat. 5e  | 3 m          | 2453550300 | 4050118467406 | 1    |
| HDC XX5E01 MFSXXXX-0500 | Male                | Female, straight      | Cat. 5e  | 5 m          | 2453550500 | 4050118467420 | 1    |
| HDC XX5E01 FMSM12D-0100 | Female              | Male, straight, M12D  | Cat. 5e  | 1 m          | 2451120100 | 4050118485653 | 1    |
| HDC XX5E01 MMSM12D-0100 | Male                | Male, straight, M12D  | Cat. 5e  | 1 m          | 2451110100 | 4050118485660 | 1    |
| HDC XX5E01 MMSRJ45-0100 | Male                | Male, straight, RJ45  | Cat. 5e  | 1 m          | 2450490100 | 4050118467987 | 1    |
| HDC XX5E01 FMSRJ45-0100 | Female              | Male, straight, RJ45  | Cat. 5e  | 1 m          | 2451080100 | 4050118467994 | 1    |
| HDC XX6A01 FOXXXXX-0100 | Female              | open                  | Cat. 6A  | 1 m          | 2003850100 | 4050118464498 | 1    |
| HDC XX6A01 MOXXXXX-0100 | Male                | open                  | Cat. 6A  | 1 m          | 2003820100 | 4050118464504 | 1    |
| HDC XX6A01 MFSXXXX-0050 | Male                | Female, straight      | Cat. 6A  | 0.5 m        | 2453540050 | 4050118467512 | 1    |
| HDC XX6A01 MFSXXXX-0100 | Male                | Female, straight      | Cat. 6A  | 1 m          | 2453540100 | 4050118467529 | 1    |
| HDC XX6A01 MFSXXXX-0150 | Male                | Female, straight      | Cat. 6A  | 1.5 m        | 2453540150 | 4050118467536 | 1    |
| HDC XX6A01 MFSXXXX-0300 | Male                | Female, straight      | Cat. 6A  | 3 m          | 2453540300 | 4050118467543 | 1    |
| HDC XX6A01 MFSXXXX-0500 | Male                | Female, straight      | Cat. 6A  | 5 m          | 2453540500 | 4050118467567 | 1    |
| HDC XX6A01 MMSM12X-0100 | Male                | Male, straight, M12X  | Cat. 6A  | 1 m          | 2451130100 | 4050118485684 | 1    |
| HDC XX6A01 FMSM12X-0100 | Female              | Male, straight, M12X  | Cat. 6A  | 1 m          | 2451140100 | 4050118485677 | 1    |
| HDC XX6A01 MMSRJ45-0100 | Male                | Male, straight, RJ45  | Cat. 6A  | 1 m          | 2451090100 | 4050118468502 | 1    |
| HDC XX6A01 FMSRJ45-0100 | Female              | Male, straight, RJ45  | Cat. 6A  | 1 m          | 2451100100 | 4050118468519 | 1    |

# Reliable locking - comfortable handling

## RockStar® – Bulkhead housing with new locking lever

Machinery, energy, transportation, and device manufacturer: 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 toughest environmental conditions. heir 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. Its robust stainless steel elements guarantee a secure and durable locking.



- Your special advantages
- Increased resistance against shock and vibration for an 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.  | EAN           | Qty. |
| HDC 06B ALU N  | Enclosures    | 3       | Yes                    | IP65              | 2488560000 | 4050118541502 | 1    |
| HDC 10B ABU N  | Enclosures    | 4       | Yes                    | IP65              | 2488580000 | 4050118541519 | 1    |
| HDC 16B ABU N  | Enclosures    | 6       | Yes                    | IP65              | 2488590000 | 4050118541526 | 1    |
| HDC 24B ABU N  | Enclosures    | 8       | Yes                    | IP65              | 2488600000 | 4050118541533 | 1    |
| Accessoris     |               |         |                        |                   |            |               |      |
| HDC LL 06B N   | Locking lever | 3       |                        |                   | 2534550000 | 4050118562040 | 10   |
| HDC LL 10B N   | Locking lever | 4, 6, 8 |                        |                   | 2535150000 | 4050118562057 | 10   |

# 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

| Technical data       |                                               |                                             |               |               |            |               |      |
|----------------------|-----------------------------------------------|---------------------------------------------|---------------|---------------|------------|---------------|------|
| Type                 | Clamping range, rated connection, min. / max. | Operating temperature / Storage temperature | Rated voltage | Rated current | Order No.  | EAN           | Qty. |
| FP ESWB LANDING SET  | 0.75...1.5 mm²                                | -5 °C...50 °C / -5 °C...50 °C               | 230 V         | 6 A           | 2483990000 | 4050118494358 | 1    |
| FP ESWB TERMINAL SET | 0.75...1.5 mm²                                | -5 °C...50 °C / -5 °C...50 °C               | 230 V         | 6 A           | 2524850000 | 4050118536430 | 1    |



Webcode: #11348



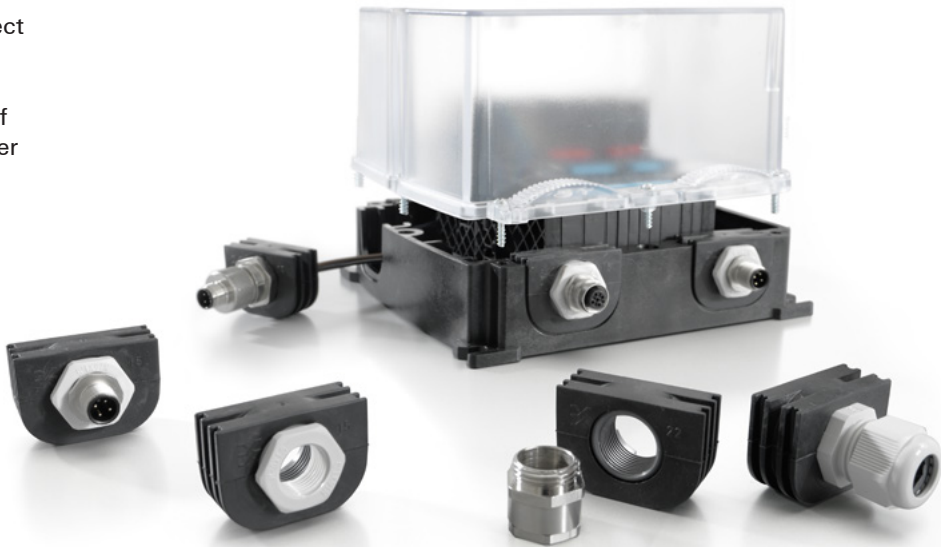
Let's connect.

Highly flexible use of energy bus systems

FieldPower® adapter solutions for decentralized automation

Modular power bus systems are the perfect basis for decentralized automation. With the FieldPower® product family, a unique solution system is available for a variety of applications. The new FieldPower® adapter for M16 and M20 connection threads complements this product range.

The adapter solutions allow the combination of all cable glands and circular connectors with M16 or M20 connection threads in the same way with FieldPower® as with HQ adapters. No additional holes in the housing are required. The cable harnesses can be pre-assembled in the gasket and then simply inserted into the FieldPower® housing. Even a subsequent repositioning or insertion of additional cable sets is possible.



Your special advantages

- Suitable for all cable glands and circular connectors with M16 or M20 connection thread
- No additional housing holes required: cable sets pre-assembled with gasket can be easily inserted into the housing
- Allows the subsequent repositioning as well as the insertion of complete cable sets

Technical data

| Type       | Protection degree | Product type   | Material | Version              | Order No.  | EAN           | Qty. |
|------------|-------------------|----------------|----------|----------------------|------------|---------------|------|
| DG M16 PT6 | IP65              | Sealing insert | EPDM     | Threaded adapter M16 | 2545540000 | 4050118555523 | 1    |
| DG M20 PT6 | IP65              | Sealing insert | EPDM     | Threaded adapter M20 | 2545550000 | 4050118555530 | 1    |

Fast and easy power distribution in small spaces

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

To power decentralized components in the field, specially assembled distribution boxes are usually installed. 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: a potential-free, galvanically isolated feedback of the fuse state via 8-pin M12 connector facilitates significantly 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
- Standardized 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.  | EAN           | Qty. |
|---------------------|---------------|---------------|-----------------------------------------|--------------------|------------|---------------|------|
| SAI-4-SVV-GM-RM-M12 | 10...48 V     | 32 A          | 10 A                                    | Yes                | 2495280000 | 4050118504927 | 1    |

# Lighting for control cabinets and devices in the field

## Weidmüller Industry Light: WIL

Control cabinets are often insufficiently lit. Conventional switchgear luminaires, 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 in most control cabinets
- M12 connector for fast and easy connection to the power supply
- WIL is available in the colors white, blue and red

### Technical data

| Type                          | Length | Rated voltage (text) / Rated current | Illumination level / Light colour (CCT) | connection thread / Cable length | Order No.  | EAN           | Qty. |
|-------------------------------|--------|--------------------------------------|-----------------------------------------|----------------------------------|------------|---------------|------|
| Screw fixation                |        |                                      |                                         |                                  |            |               |      |
| WIL-STANDARD-0.3-SCREW-SW-WHI | 240 mm | 24 V DC / 420 mA                     | 140 lux / 6500K, White                  | M12 / 0.3 m                      | 2436210000 | 4050118448306 | 1    |
| WIL-STANDARD-0.3-SCREW-SW-RED | 240 mm | 24 V DC / 360 mA                     | 70 lux / Red                            | M12 / 0.3 m                      | 2436340000 | 4050118447958 | 1    |
| WIL-STANDARD-0.3-SCREW-SW-BLU | 240 mm | 24 V DC / 360 mA                     | 135 lux / Blue                          | M12 / 0.3 m                      | 2436350000 | 4050118447965 | 1    |
| WIL-STANDARD-1.5-SCREW-SW-WHI | 240 mm | 24 V DC / 420 mA                     | 140 lux / 6500K, White                  | without, M12 / 1.5 m             | 2527880000 | 4050118538762 | 1    |
| WIL-STANDARD-3.0-SCREW-SW-WHI | 240 mm | 24 V DC / 420 mA                     | 140 lux / 6500K, White                  | without, M12 / 3 m               | 2527890000 | 4050118538670 | 1    |
| WIL-STANDARD-5.0-SCREW-SW-WHI | 240 mm | 24 V DC / 420 mA                     | 140 lux / 6500K, White                  | without, M12 / 5 m               | 2527900000 | 4050118538687 | 1    |
| WIL-STANDARD-10-SCREW-SW-WHI  | 240 mm | 24 V DC / 420 mA                     | 140 lux / 6500K, White                  | without, M12 / 10 m              | 2527910000 | 4050118538694 | 1    |
| Magnetic fixation             |        |                                      |                                         |                                  |            |               |      |
| WIL-STANDARD-1.5-MAG-SW-WHI   | 240 mm | 24 V DC / 420 mA                     | 140 lux / 6500K, White                  | without, M12 / 1.5 m             | 2527920000 | 4050118538908 | 1    |
| WIL-STANDARD-10-MAG-SW-WHI    | 240 mm | 24 V DC / 420 mA                     | 140 lux / 6500K, White                  | without, M12 / 10 m              | 2527950000 | 4050118538939 | 1    |
| WIL-STANDARD-3.0-MAG-SW-WHI   | 240 mm | 24 V DC / 420 mA                     | 140 lux / 6500K, White                  | without, M12 / 3 m               | 2527930000 | 4050118538915 | 1    |
| WIL-STANDARD-5.0-MAG-SW-WHI   | 240 mm | 24 V DC / 420 mA                     | 140 lux / 6500K, White                  | without, M12 / 5 m               | 2527940000 | 4050118538922 | 1    |
| WIL length variants           |        |                                      |                                         |                                  |            |               |      |
| WIL-145-W-M12G-0.3U-S         | 145 mm | 24 V DC / 210 mA                     | 140 lux / 6500K, White                  | M12 / 0.3 m                      | 2535770000 | 4050118547450 | 1    |
| WIL-350-W-M12G-0.3U-S         | 350 mm | 24 V DC / 630 mA                     | 140 lux / 6500K, White                  | M12 / 0.3 m                      | 2535810000 | 4050118547474 | 1    |
| WIL-450-W-M12G-0.3U-S         | 450 mm | 24 V DC / 840 mA                     | 140 lux / 6500K, White                  | M12 / 0.3 m                      | 2535830000 | 4050118547498 | 1    |
| WIL-555-W-M12G-0.3U-S         | 555 mm | 24 V DC / 1050 mA                    | 140 lux / 6500K, White                  | M12 / 0.3 m                      | 2535850000 | 4050118547511 | 1    |
| WIL-655-W-M12G-0.3U-S         | 655 mm | 24 V DC / 1260 mA                    | 140 lux / 6500K, White                  | M12 / 0.3 m                      | 2535870000 | 4050118547535 | 1    |
| WIL-765-W-M12G-0.3U-S         | 765 mm | 24 V DC / 1470 mA                    | 140 lux / 6500K, White                  | M12 / 0.3 m                      | 2535890000 | 4050118547559 | 1    |
| WIL-860-W-M12G-0.3U-S         | 860 mm | 24 V DC / 1680 mA                    | 140 lux / 6500K, White                  | M12 / 0.3 m                      | 2535910000 | 4050118547573 | 1    |
| Accessories                   |        |                                      |                                         |                                  |            |               |      |
| WIL-MAGNET                    |        |                                      |                                         |                                  | 2526810000 | 4050118537871 | 1    |

# 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<sub>A</sub> 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.  | EAN           | Qty. |
|-------------------------|-------------------------------------------------------------------------------------|------------|---------------|------|
| Double frame            |                                                                                     |            |               |      |
| IE-FC-DFM-KNOB          | FrontCom, Frame, Metal cover                                                        | 2003170000 | 4050118387032 | 1    |
| IE-FC-DFM-KEY           | FrontCom, Frame, Metal cover, Lockable with key                                     | 2003180000 | 4050118386936 | 1    |
| IE-FC-DFM-CAB           | FrontCom, Frame, Metal cover, Lockable with cabinet key                             | 2003190000 | 4050118387025 | 1    |
| IE-FC-DFM-CAB-DB        | FrontCom, Frame, Metal cover, Lockable with cabinet key (Daimler lock)              | 2003150000 | 4050118386929 | 1    |
| Double insert plate     |                                                                                     |            |               |      |
| IE-FC-DSP-CI/3A/2ST/1D9 | FrontCom, Insert plate, shielded, 1 x GFCI, 1 x fuse, 2x Data, 1x Signal            | 2004810000 | 4050118389289 | 1    |
| IE-FC-DIP-CI/3A/2ST/1D9 | FrontCom, Insert plate, unshielded, 1 x GFCI, 1 x fuse, 2x Data, 1x Signal          | 2003370000 | 4050118387322 | 1    |
| IE-FC-DSP-PWB/2ST/FILS  | FrontCom, Insert plate, shielded, 1x Power, 2x Data, 1 x preparation of LS switch   | 2067080000 | 4050118415612 | 1    |
| IE-FC-DIP-PWB/2ST/FILS  | FrontCom, Insert plate, unshielded, 1x Power, 2x Data, 1 x preparation of LS switch | 2067070000 | 4050118415605 | 1    |
| IE-FC-DIP-BP            | FrontCom, Insert plate, unshielded                                                  | 2004890000 | 4050118389296 | 1    |
| Single insert plate     |                                                                                     |            |               |      |
| IE-FC-DF-IPH            | FrontCom, Strip (for mounting single insert plates)                                 | 2003340000 | 4050118387094 | 1    |
| IE-FC-IP-BP             | FrontCom, Insert plate, unshielded                                                  | 1450710000 | 4050118255287 | 1    |
| IE-FC-SP-PWB/2ST        | FrontCom, Insert plate, shielded, 1x Power, 2x Data                                 | 1450550000 | 4050118255256 | 1    |
| IE-FC-IP-PWB/2ST        | FrontCom, Insert plate, unshielded, 1x Power, 2x Data                               | 1450630000 | 4050118255515 | 1    |
| IE-FC-SP-PWS/2ST/1D9    | FrontCom, Insert plate, shielded, 1x Power, 2x Data, 1x Signal                      | 1450600000 | 4050118255492 | 1    |
| IE-FC-IP-PWS/2ST/1D9    | FrontCom, Insert plate, unshielded, 1x Power, 2x Data, 1x Signal                    | 1450690000 | 4050118255522 | 1    |
| IE-FC-SP-PWS/4ST        | FrontCom, Insert plate, shielded, 1x Power, 4x Data                                 | 1450570000 | 4050118255249 | 1    |
| IE-FC-IP-PWS/4ST        | FrontCom, Insert plate, unshielded, 1x Power, 4x Data                               | 1450640000 | 4050118255539 | 1    |
| IE-FC-SP-PWS/2D9        | FrontCom, Insert plate, shielded, 1x Power, 2x Signal                               | 1450610000 | 4050118255508 | 1    |
| IE-FC-IP-PWS/2D9        | FrontCom, Insert plate, unshielded, 1x Power, 2x Data                               | 1450680000 | 4050118255355 | 1    |
| IE-FC-SP-PWU/2ST        | FrontCom, Insert plate, shielded, 1x Power, US, 2x Data                             | 1450620000 | 4050118255270 | 1    |
| IE-FC-IP-PWU/2ST        | FrontCom, Insert plate, unshielded, 1x Power, US, 2x Data                           | 1450700000 | 4050118255607 | 1    |
| IE-FC-IP-PWU/1ST/CB     | FrontCom, Insert plate, unshielded, 1x Power, US, 1x Data, 1 x fuse                 | 1543710000 | 4050118348927 | 1    |
| IE-FC-SP-2ST/2D9        | FrontCom, Insert plate, shielded, 2x Data, 2x Signal                                | 1450590000 | 4050118255263 | 1    |
| IE-FC-IP-2ST/2D9        | FrontCom, Insert plate, unshielded, 2x Data, 2x Signal                              | 1450670000 | 4050118255294 | 1    |
| IE-FC-SP-1ST/1D9/1D25   | FrontCom, Insert plate, shielded, 1x Data, 2x Signal                                | 1450580000 | 4050118255485 | 1    |
| IE-FC-IP-1ST/1D9/1D25   | FrontCom, Insert plate, unshielded, 1x Data, 2x Signal                              | 1450650000 | 4050118255348 | 1    |
| IE-FC-IP-PWB/1D9        | FrontCom, Insert plate, unshielded, 1x Power, 1x Signal                             | 2003350000 | 4050118387407 | 1    |
| IE-FC-IP-PWB            | FrontCom, Insert plate, unshielded, 1x Power                                        | 2548060000 | 4050118567596 | 1    |

# Connection of 24 V DC power supplies in harsh environments

## PushPull Power connectors for PROFINET

In automotive industry, connectors are exposed to severe conditions. This applies in particular to the cabling of industrial robots, where strong acceleration forces are generated. Therefore robust connectors that can be easily connected but still strongly fixed are required.

Weidmüller PushPull Power connectors are standardised for 24 V cablings according to the PROFINET specification. They allow the connection of conductor cross sections up to 2.5 mm² and can hold sheath diameters of 6 to 13 mm. To guarantee a fast and simple installation they are assembled of only two parts. The PushPull connectors are also equipped with a twist protection against mismatching for safe and reliable connection solutions.



### Your special advantages

- Large connection area for conductors up to 2.5 mm²
- Quick assembly thanks to simple two-piece design
- Integrated smart twist protection
- Extra secure locking mechanism
- Firm fit even when subjected to strong forces, such as those generated by industrial robots

#### Technical data

| Type                | Article - short description                         | Operating voltage | Current-carrying capacity at 50 °C | No. of poles | Order No.  | EAN           | Qty. |
|---------------------|-----------------------------------------------------|-------------------|------------------------------------|--------------|------------|---------------|------|
| IE-PS-VAPM-5P-2.5   | Power connector, Plugs, PROFINET, Set of connectors | 24 V              | 16 A                               | 5            | 2465440000 | 4050118522136 | 1    |
| IE-BSS-VAPM-24V     | Power connector, Flange, PROFINET, Set of flanges   | 24 V              | 16 A                               | 5            | 2493480000 | 4050118522143 | 1    |
| IE-BHD-VAPM         | Power connector, Device flange, PROFINET,           |                   |                                    |              | 2493490000 | 4050118529104 | 1    |
| IE-REDU-6-8-PS-VAPM | Power connector, Plugs, Sealing insert, PROFINET,   |                   |                                    |              | 2531330000 | 4050118545227 | 10   |

# 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 imperilled 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.

A 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 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 <sub>sys</sub> | Requirements class | Discharge current, max. (8/20 µs) | Short-circuit resistance I <sub>SCP</sub> | Order No.  | EAN           | Qty. |
|----------------------|------------------------------------------|--------------------|-----------------------------------|-------------------------------------------|------------|---------------|------|
| VPU PV II 3 R 1000   | 1100 V                                   | Type II            | 40 kA                             | 11000 A                                   | 2530180000 | 4050118540512 | 1    |
| VPU PV II 3 1000     | 1100 V                                   | Type II            | 40 kA                             | 11000 A                                   | 2530550000 | 4050118540550 | 1    |
| VPU PV II 0 1000     | 1100 V                                   | Type II            | 40 kA                             | 11000 A                                   | 2530660000 | 4050118540871 | 1    |
| VPU PV II 3 R 1500   | 1500 V                                   | Type II            | 30 kA                             | 11000 A                                   | 2530650000 | 4050118540864 | 1    |
| VPU PV II 3 1500     | 1500 V                                   | Type II            | 30 kA                             | 11000 A                                   | 2530640000 | 4050118540857 | 1    |
| VPU PV II 0 1500     | 1500 V                                   | Type II            | 30 kA                             | 11000 A                                   | 2530630000 | 4050118540840 | 1    |
| VPU PV I+II 3 R 1000 | 1100 V                                   | Type I/II          | 40 kA                             | 11000 A                                   | 2530620000 | 4050118540833 | 1    |
| VPU PV I+II 3 1000   | 1100 V                                   | Type I/II          | 40 kA                             | 11000 A                                   | 2530610000 | 4050118540826 | 1    |
| VPU PV I+II 0 1000   | 1100 V                                   | Type I/II          | 40 kA                             | 11000 A                                   | 2530600000 | 4050118540819 | 1    |
| VPU PV I+II 0M 1000  | 1000 V                                   | Type I/II          | 40 kA                             | 11000 A                                   | 2534300000 | 4050118545906 | 1    |
| VPU PV I+II 3 R 1500 | 1500 V                                   | Type I/II          | 30 kA                             | 11000 A                                   | 2530590000 | 4050118540802 | 1    |
| VPU PV I+II 3 1500   | 1500 V                                   | Type I/II          | 30 kA                             | 11000 A                                   | 2530580000 | 4050118540499 | 1    |
| VPU PV I+II 0 1500   | 1500 V                                   | Type I/II          | 30 kA                             | 11000 A                                   | 2530570000 | 4050118540482 | 1    |
| VPU PV I+II 0M 1500  | 1500 V                                   | Type I/II          | 30 kA                             | 11000 A                                   | 2534330000 | 4050118546002 | 1    |

## 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 a 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 mm<sup>2</sup> 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](http://www.power-electronics-connectors.com)



# Shape device development in a uniquely efficient way

OMNIMATE® services make sure you get perfect results

In addition to delivering a reliably high level of performance, modern device connectivity must not only guarantee an easy and quick installation, but also a secure connection. Find the optimal solution on applications for power electronics and on devices for data and signal. As a design-in specialist, Weidmüller is on hand to support you with a complete package tailored to your needs.

To save you valuable time during product development, we make every effort to ensure your entire design-in process is as efficient as possible. Our OMNIMATE® services help you achieve optimal results quickly and without difficulty. Put your trust in our experience in providing information and find the right components for your device quickly and easily with our convenient online tools. Use the OMNIMATE® sample service to find the perfect connection system for your application. Choose from over 2,500 components and receive your personal design-in sample within 72 hours – free of charge and available worldwide.

## Your special advantages

- Fast and clear range of selection options
- Simple navigation
- Excellent functionality digital available
- Unique services for more efficient design-in processes



[www.weidmueller.com/omnimate](http://www.weidmueller.com/omnimate)



### Procuring information



We provide you with detailed information and expert knowledge. Want to know the UL 600 V requirements for device development or discover the benefits of PUSH IN technology? Simply check our white papers or join one of our regular webinars, for example.

### Product selection



Receive specific product recommendations in just one click with the AppGuide. Simply select your desired device application and the AppGuide will recommend appropriate connection solutions for the various functions of your device.

### Design-in support



Adapt the PCB terminal blocks, plug-in connectors and electronics housings in our online configurators to your specific application. Thanks to our 72-h-Sample Service, you will receive your personal design-in sample within just 72 hours. Free of charge and available worldwide.

### Products in action



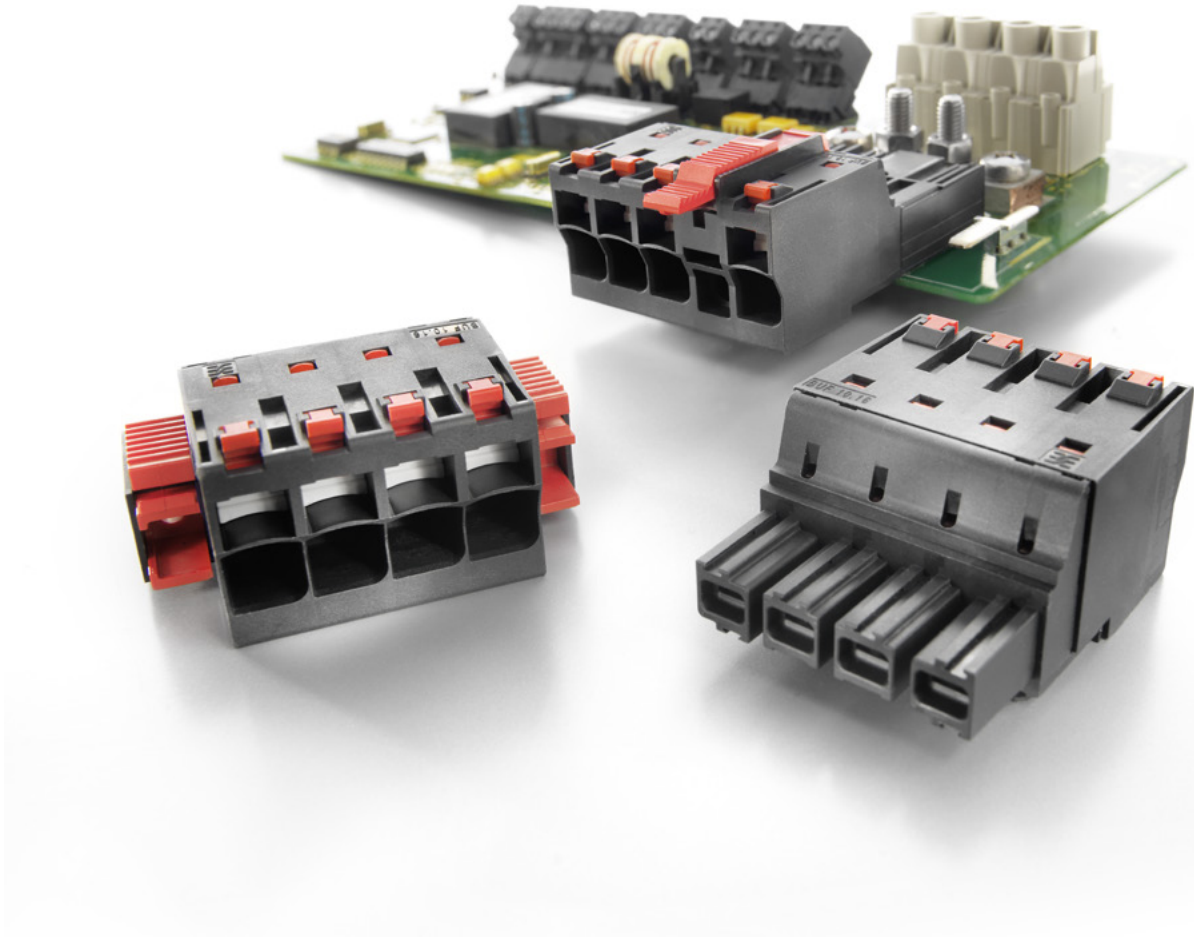
To further assist you with the design-in process and installation of our OMNIMATE® components, we show you how to handle the various products step by step in our handling videos.

# Secure and efficient connection of power electronics devices

## PUSH IN-connector with wire-ready function

High power applications need connection by wires with huge cross sections, which typically are 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 open position (pusher) makes it yet 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.

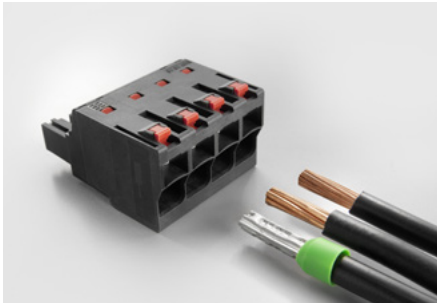


### Your special advantages

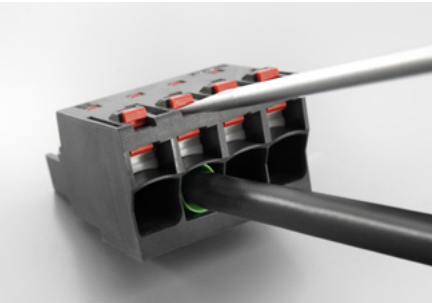
- PUSH IN-technology with open position fixed clamping point
- Tool-free wiring of flexible wires without ferrules and wires with rigid isolation
- Easy one-hand operation of the connector
- Automatic locking by a centre flange with detent fixing and optional screw fixing



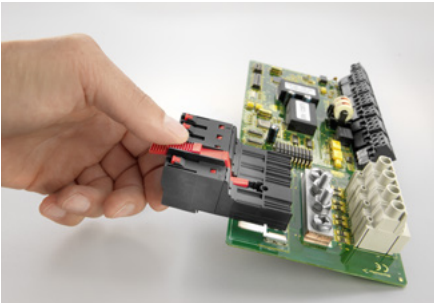
Webcode: #11407



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



**Fast wiring**  
The PUSH IN connection system allows a 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

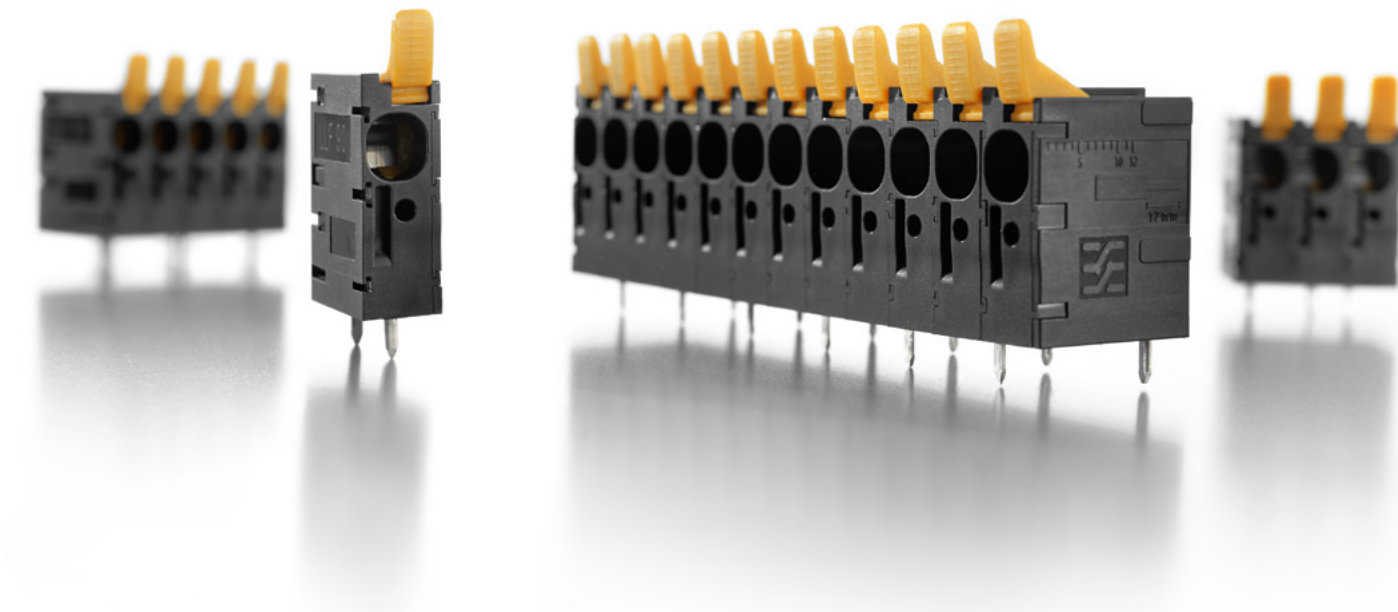
| Type                              | No. of poles | Side termination, characteristic  | Rated voltage | Rated current | Order No.  | EAN           | Qty. |
|-----------------------------------|--------------|-----------------------------------|---------------|---------------|------------|---------------|------|
| closed side                       |              |                                   |               |               |            |               |      |
| BUF 10.16IT/02/180 AG BK BX       | 2            | closed side                       | 1000 V        | 70 A          | 2493170000 | 4050118503203 | 60   |
| BUF 10.16IT/03/180 AG BK BX       | 3            | closed side                       | 1000 V        | 70 A          | 2493400000 | 4050118502992 | 40   |
| BUF 10.16IT/04/180 AG BK BX       | 4            | closed side                       | 1000 V        | 70 A          | 2493410000 | 4050118503302 | 28   |
| BUF 10.16IT/05/180 AG BK BX       | 5            | closed side                       | 1000 V        | 70 A          | 2493420000 | 4050118503319 | 24   |
| Flange                            |              |                                   |               |               |            |               |      |
| BUF 10.16IT/02/180F AG BK BX      | 2            | Flange                            | 1000 V        | 70 A          | 2493300000 | 4050118503081 | 28   |
| BUF 10.16IT/03/180F AG BK BX      | 3            | Flange                            | 1000 V        | 70 A          | 2493310000 | 4050118503098 | 24   |
| BUF 10.16IT/04/180F AG BK BX      | 4            | Flange                            | 1000 V        | 70 A          | 2493320000 | 4050118503104 | 20   |
| BUF 10.16IT/05/180F AG BK BX      | 5            | Flange                            | 1000 V        | 70 A          | 2493330000 | 4050118503111 | 16   |
| Screw/clip-on flange              |              |                                   |               |               |            |               |      |
| BUF 10.16IT/02/180SF AG BK BX     | 2            | Screw/clip-on flange              | 1000 V        | 70 A          | 2493340000 | 4050118503128 | 28   |
| BUF 10.16IT/03/180SF AG BK BX     | 3            | Screw/clip-on flange              | 1000 V        | 70 A          | 2493350000 | 4050118503135 | 24   |
| BUF 10.16IT/04/180SF AG BK BX     | 4            | Screw/clip-on flange              | 1000 V        | 70 A          | 2493360000 | 4050118503142 | 20   |
| BUF 10.16IT/05/180SF AG BK BX     | 5            | Screw/clip-on flange              | 1000 V        | 70 A          | 2493370000 | 4050118503159 | 16   |
| closed side / middle flange       |              |                                   |               |               |            |               |      |
| BUF 10.16IT/02/180MF2 AG BK BX    | 2            | closed side / middle flange       | 1000 V        | 70 A          | 2493160000 | 4050118502886 | 30   |
| BUF 10.16IT/03/180MF2 AG BK BX    | 3            | closed side / middle flange       | 1000 V        | 70 A          | 2493180000 | 4050118502763 | 21   |
| BUF 10.16IT/03/180MF3 AG BK BX    | 3            | closed side / middle flange       | 1000 V        | 70 A          | 2493190000 | 4050118502770 | 21   |
| BUF 10.16IT/04/180MF2 AG BK BX    | 4            | closed side / middle flange       | 1000 V        | 70 A          | 2493200000 | 4050118502787 | 18   |
| BUF 10.16IT/04/180MF3 AG BK BX    | 4            | closed side / middle flange       | 1000 V        | 70 A          | 2493210000 | 4050118502794 | 18   |
| BUF 10.16IT/04/180MF4 AG BK BX    | 4            | closed side / middle flange       | 1000 V        | 70 A          | 2544950000 | 4050118555011 | 18   |
| closed side / middle screw flange |              |                                   |               |               |            |               |      |
| BUF 10.16IT/02/180MSF2 AG BK BX   | 2            | closed side / middle screw flange | 1000 V        | 70 A          | 2493230000 | 4050118503012 | 30   |
| BUF 10.16IT/03/180MSF2 AG BK BX   | 3            | closed side / middle screw flange | 1000 V        | 70 A          | 2493240000 | 4050118503029 | 21   |
| BUF 10.16IT/03/180MSF3 AG BK BX   | 3            | closed side / middle screw flange | 1000 V        | 70 A          | 2493250000 | 4050118503036 | 21   |
| BUF 10.16IT/04/180MSF2 AG BK BX   | 4            | closed side / middle screw flange | 1000 V        | 70 A          | 2493260000 | 4050118503043 | 18   |
| BUF 10.16IT/04/180MSF3 AG BK BX   | 4            | closed side / middle screw flange | 1000 V        | 70 A          | 2493270000 | 4050118503050 | 18   |
| BUF 10.16IT/04/180MSF4 AG BK BX   | 4            | closed side / middle screw flange | 1000 V        | 70 A          | 2493280000 | 4050118503067 | 18   |

# Reliable and efficient connection for powered electronic devices

## LLF Series PCB terminal up to 6 mm<sup>2</sup> 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 mm<sup>2</sup> 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.

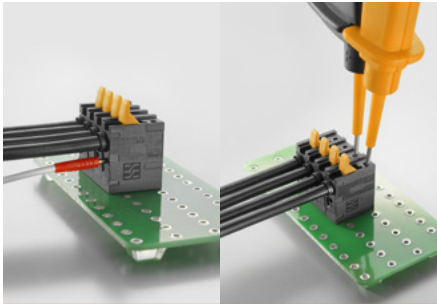


### Your special advantages

- Fast and reliable connection by lever (LLF), or screw driver (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 IEC 61800-5-1

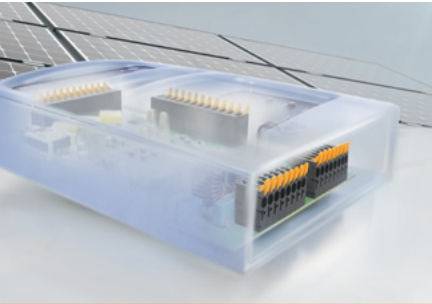


Webcode: #11408



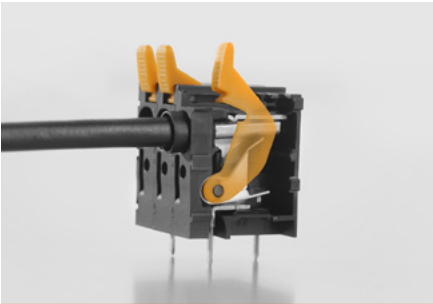
#### Helpful wizard system – Convenient access to test points

Two test points with LLF, one located beside the cable entry and another beside the actuating lever, provide a 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 the simple and safe operation of the actuator lever ensure quick convenient and efficient wiring of cross sections up to 6 mm<sup>2</sup>.

Technical data

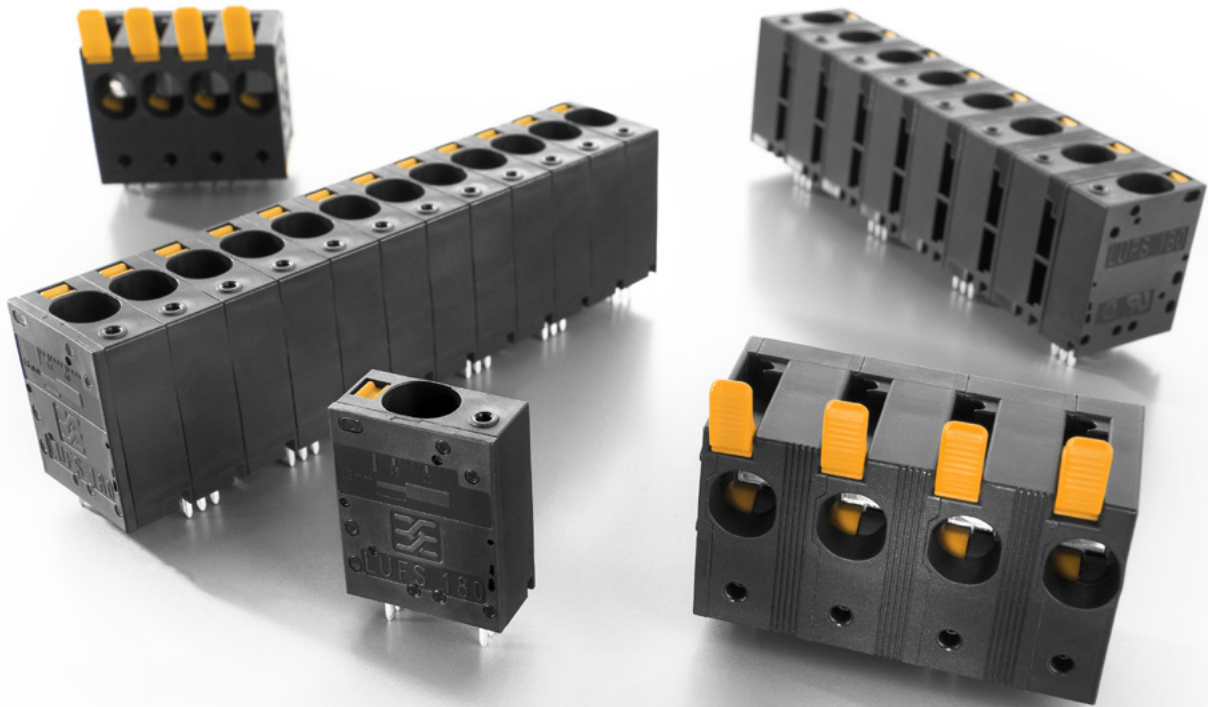
| Type                          | Rated voltage (use group B) | Pitch, in mm | Wire connection method   | Colour | Order No.  | EAN | Qty. |
|-------------------------------|-----------------------------|--------------|--------------------------|--------|------------|-----|------|
| LLFS 90°                      |                             |              |                          |        |            |     |      |
| LLFS 7.50/01/90 5.0SN BK BX   | 600 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  | 600 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 mm<sup>2</sup> 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 because of 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.



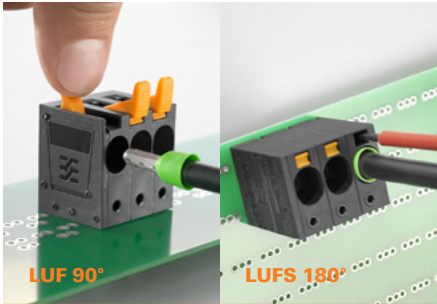
### Your special advantages

- 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



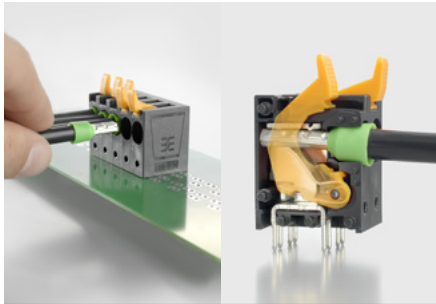
#### Comfortable actuation

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 mm<sup>2</sup>

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.  | EAN | 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   |

# 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 Gbit/s 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 rough 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



Webcode: #11406

### Technical data

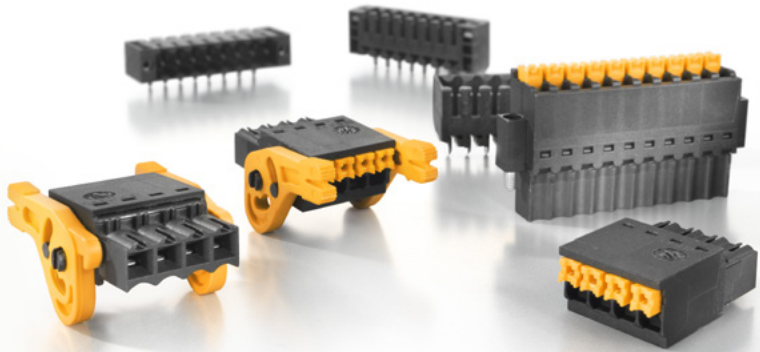
| Type                       | Performance category | Mounting onto the PCB     | Outgoing elbow / Latch-option | Packaging                                                  | Order No.  | EAN           | Qty. |
|----------------------------|----------------------|---------------------------|-------------------------------|------------------------------------------------------------|------------|---------------|------|
| RJ45 jacks transformer     |                      |                           |                               |                                                            |            |               |      |
| RJ45M T1D 3.2E4N TY        | 10/100 Mbit/s        | THT solder connection     | 90° / down                    | Tray (hand assembly)                                       | 2474160000 | 4050118485943 | 60   |
| RJ45M T12D 3.3E4G/Y RL     | 10/100 Mbit/s        | THT solder connection     | 90° / down                    | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2036460000 | 4050118408317 | 90   |
| RJ45M R1D 3.3N4Y/G TY      | 10/100 Mbit/s        | THT/THR solder connection | 90° / down                    | Tray (hand assembly)                                       | 2461060000 | 4050118476439 | 60   |
| RJ45M R12D 3.2N4G/Y RL     | 10/100 Mbit/s        | THT/THR solder connection | 90° / up                      | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2551900000 | 4050118562187 | 100  |
| RJ45M R1V 3.3N4Y/G TY      | 10/100 Mbit/s        | THT/THR solder connection | 180° /                        | Tray (hand assembly)                                       | 1534750000 | 4050118338416 | 60   |
| RJ45M R1V 3.3N4Y/G TY      | 10/100 Mbit/s        | THT/THR solder connection | 180° /                        | Tray (hand assembly)                                       | 2461070000 | 4050118476071 | 60   |
| RJ45G1 R12D 3.3EG/Y TY     | 1000 MBit/s          | THT/THR solder connection | 90° / up                      | Tray (hand assembly)                                       | 2544500000 | 4050118554267 | 40   |
| RJ45G1 R1D 3.3EG/Y TY      | 1000 MBit/s          | THT/THR solder connection | 90° / down                    | Tray (hand assembly)                                       | 2544510000 | 4050118554168 | 60   |
| RJ45G1 R12D 3.3EYG/YG RL   | 1000 MBit/s          | THT/THR solder connection | 90° / up                      | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2036510000 | 4050118408409 | 90   |
| RJ45G1 R12D 3.3N4Y/G/YG RL | 1000 MBit/s          | THT/THR solder connection | 90° / up                      | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2485370000 | 4050118495966 | 100  |
| RJ45G1 R1V 3.3N4Y/G/YG TY  | 1000 MBit/s          | THT/THR solder connection | 180° /                        | Tray (hand assembly)                                       | 1534760000 | 4050118338423 | 60   |
| RJ45 jacks                 |                      |                           |                               |                                                            |            |               |      |
| RJ45C3 S1D 2.7N4N RL       | Cat.3 /              | SMD solder connection     | 90° / down                    | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 1433890000 | 4050118238471 | 300  |
| RJ45C3 S1U 0.9N4N RL       | Cat.3 /              | SMD solder connection     | 90° / up                      | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 1455220000 | 4050118261516 | 200  |
| RJ45C3 S1U DE4G/Y RL       | Cat.3 /              | SMD solder connection     | 90° / up                      | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2562890000 | 4050118571912 | 120  |
| RJ45C3 S1U DE4N RL         | Cat.3 /              | SMD solder connection     | 90° / up                      | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2562940000 | 4050118571967 | 120  |
| RJ45C3 S1V 2.7N4N RL       | Cat.3 /              | SMD solder connection     | 180° /                        | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 1433900000 | 4050118238587 | 300  |
| RJ45C3 S1V 2.7E4N RL       | Cat.3 /              | SMD solder connection     | 180° /                        | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2514600000 | 4050118528268 | 300  |
| RJ45C5 T1D 3.2N4N TY       | Cat. 5 /             | THT solder connection     | 90° / down                    | Tray; Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω            | 1433800000 | 4050118238556 | 60   |
| RJ45C5 T1D 3.2E4G/Y TY     | Cat. 5 /             | THT solder connection     | 90° / down                    | Tray (hand assembly)                                       | 2562820000 | 4050118571875 | 70   |
| RJ45C5 T1D 3.3E4N TY       | Cat. 5 /             | THT solder connection     | 90° / down                    | Tray (hand assembly)                                       | 2562900000 | 4050118571929 | 60   |
| RJ45C5 T1D 3.2N4N RL S0    | Cat. 5 /             | THT solder connection     | 90° / down                    | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2439040000 | 4050118451573 | 180  |
| RJ45C5 T1U 2.8N4N TY       | Cat. 5 /             | THT solder connection     | 90° / up                      | Tray; Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω            | 1455240000 | 4050118261356 | 70   |
| RJ45C5 T1U 2.8E4G/Y TY     | Cat. 5 /             | THT solder connection     | 90° / up                      | Tray (hand assembly)                                       | 2562880000 | 4050118571905 | 60   |
| RJ45C5 T1U 2.8E4N TY       | Cat. 5 /             | THT solder connection     | 90° / up                      | Tray (hand assembly)                                       | 2562920000 | 4050118571943 | 60   |
| RJ45C5 T1V 3.2N4N TY       | Cat. 5 /             | THT solder connection     | 180° /                        | Tray; Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω            | 1433810000 | 4050118238563 | 60   |
| RJ45C5 T1V 4.0N4N TY       | Cat. 5 /             | THT solder connection     | 180° /                        | Tray (hand assembly)                                       | 2436450000 | 4050118448832 | 60   |
| RJ45C5 T1V 3.2N4G/Y TY     | Cat. 5 /             | THT solder connection     | 180° /                        | Tray (hand assembly)                                       | 2562960000 | 4050118571981 | 60   |
| RJ45C5 R1D 3.2E4G/Y RL     | Cat. 5 /             | THT/THR solder connection | 90° / down                    | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2562870000 | 4050118571790 | 120  |
| RJ45C5 R1D 3.3E4N RL       | Cat. 5 /             | THT/THR solder connection | 90° / down                    | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2562910000 | 4050118571936 | 120  |
| RJ45C5 R1U 3.3E4N RL       | Cat. 5 /             | THT/THR solder connection | 90° / down                    | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2562930000 | 4050118571950 | 120  |
| RJ45C5 R1U 2.8N4G/Y RL     | Cat. 5 /             | THT/THR solder connection | 90° / up                      | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2562950000 | 4050118571974 | 120  |
| RJ45C5 R1V 3.2N4G/Y TY     | Cat. 5 /             | THT/THR solder connection | 180° /                        | Tray; Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω            | 2516380000 | 4050118529944 | 60   |
| RJ45C5 R1V 3.2N4N RL       | Cat. 5 /             | THT/THR solder connection | 180° /                        | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2562970000 | 4050118571998 | 120  |
| RJ45C6 T1U 2.7N4N TY       | Cat. 6 /             | THT solder connection     | 90° / up                      | Tray; Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω            | 1433910000 | 4050118238679 | 80   |
| RJ45C6 T1V 3.8N4N TY       | Cat. 6 /             | THT solder connection     | 180° /                        | Tray; Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω            | 1433920000 | 4050118238594 | 80   |
| USB jacks                  |                      |                           |                               |                                                            |            |               |      |
| USB2.0A T1V 2.5N4 TY BK    | 480 Mbit/s           | THT solder connection     | 180° /                        | Tray (hand assembly)                                       | 1985910000 | 4050118370843 | 100  |
| USB2.0A T1H 2.5N4 TY BK    | 480 Mbit/s           | THT solder connection     | 90° /                         | Tray (hand assembly)                                       | 2563710000 | 4050118572322 | 100  |
| USB2.0A R1V 2.5N4 RL BK    | 480 Mbit/s           | THT/THR solder connection | 180° /                        | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2563730000 | 4050118572346 | 100  |
| USB2.0A S1H 1.4N4 RL BK    | 480 Mbit/s           | THT/THR solder connection | 90° /                         | Tape (Ø 330 mm); Rs = 10 <sup>9</sup> · 10 <sup>12</sup> Ω | 2563720000 | 4050118572339 | 100  |
| USB3.0A T1H 2.3N4 TY BL    | 5 Gbit/s             | THT solder connection     | 90° /                         | Tray (hand assembly)                                       | 2563550000 | 4050118572674 | 100  |
| USB3.0A R1V 3.0N2 TY BL    | 5 Gbit/s             | THT solder connection     | 180° /                        | Tray (hand assembly)                                       | 1549730000 | 4050118356083 | 100  |

# 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 especially for industrial automation technology. Its PUSH IN connection technology 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
- Safety rib for protection against mishandling



Webcode: #11410

### Technical data

| Type                      | No. of poles | Side termination, characteristic | Rated voltage | Rated current | Order No.  | EAN           | Qty. |
|---------------------------|--------------|----------------------------------|---------------|---------------|------------|---------------|------|
| closed side               |              |                                  |               |               |            |               |      |
| BLF 3.50/02/180 SN OR BX  | 2            | closed side                      | 320 V         | 14.5 A        | 2458950000 | 4050118474299 | 264  |
| BLF 3.50/03/180 SN OR BX  | 3            | closed side                      | 320 V         | 14.5 A        | 2459060000 | 4050118474411 | 174  |
| BLF 3.50/04/180 SN OR BX  | 4            | closed side                      | 320 V         | 14.5 A        | 2459070000 | 4050118474428 | 132  |
| BLF 3.50/05/180 SN OR BX  | 5            | closed side                      | 320 V         | 14.5 A        | 2459080000 | 4050118474435 | 102  |
| BLF 3.50/06/180 SN OR BX  | 6            | closed side                      | 320 V         | 14.5 A        | 2459090000 | 4050118474442 | 84   |
| BLF 3.50/07/180 SN OR BX  | 7            | closed side                      | 320 V         | 14.5 A        | 2459100000 | 4050118474459 | 72   |
| BLF 3.50/08/180 SN OR BX  | 8            | closed side                      | 320 V         | 14.5 A        | 2459110000 | 4050118474466 | 66   |
| BLF 3.50/09/180 SN OR BX  | 9            | closed side                      | 320 V         | 14.5 A        | 2459120000 | 4050118474473 | 54   |
| BLF 3.50/10/180 SN OR BX  | 10           | closed side                      | 320 V         | 14.5 A        | 2459130000 | 4050118474480 | 48   |
| BLF 3.50/11/180 SN OR BX  | 11           | closed side                      | 320 V         | 14.5 A        | 2459140000 | 4050118474497 | 48   |
| BLF 3.50/12/180 SN OR BX  | 12           | closed side                      | 320 V         | 14.5 A        | 2459150000 | 4050118474503 | 42   |
| BLF 3.50/13/180 SN OR BX  | 13           | closed side                      | 320 V         | 14.5 A        | 2459160000 | 4050118474510 | 36   |
| BLF 3.50/14/180 SN OR BX  | 14           | closed side                      | 320 V         | 14.5 A        | 2459170000 | 4050118474527 | 36   |
| BLF 3.50/15/180 SN OR BX  | 15           | closed side                      | 320 V         | 14.5 A        | 2459180000 | 4050118474534 | 30   |
| BLF 3.50/16/180 SN OR BX  | 16           | closed side                      | 320 V         | 14.5 A        | 2459190000 | 4050118474541 | 30   |
| BLF 3.50/17/180 SN OR BX  | 17           | closed side                      | 320 V         | 14.5 A        | 2459200000 | 4050118474558 | 30   |
| BLF 3.50/18/180 SN OR BX  | 18           | closed side                      | 320 V         | 14.5 A        | 2459210000 | 4050118474565 | 24   |
| BLF 3.50/19/180 SN OR BX  | 19           | closed side                      | 320 V         | 14.5 A        | 2459220000 | 4050118474572 | 24   |
| BLF 3.50/20/180 SN OR BX  | 20           | closed side                      | 320 V         | 14.5 A        | 2459230000 | 4050118474589 | 24   |
| BLF 3.50/21/180 SN OR BX  | 21           | closed side                      | 320 V         | 14.5 A        | 2459240000 | 4050118474596 | 24   |
| BLF 3.50/22/180 SN OR BX  | 22           | closed side                      | 320 V         | 14.5 A        | 2459250000 | 4050118474602 | 24   |
| BLF 3.50/23/180 SN OR BX  | 23           | closed side                      | 320 V         | 14.5 A        | 2459260000 | 4050118474619 | 18   |
| BLF 3.50/24/180 SN OR BX  | 24           | closed side                      | 320 V         | 14.5 A        | 2459270000 | 4050118474626 | 18   |
| Flange                    |              |                                  |               |               |            |               |      |
| BLF 3.50/02/180F SN OR BX | 2            | Flange                           | 320 V         | 14.5 A        | 2459390000 | 4050118474800 | 132  |
| BLF 3.50/03/180F SN OR BX | 3            | Flange                           | 320 V         | 14.5 A        | 2459400000 | 4050118474312 | 102  |
| BLF 3.50/04/180F SN OR BX | 4            | Flange                           | 320 V         | 14.5 A        | 2459410000 | 4050118474329 | 84   |
| BLF 3.50/05/180F SN OR BX | 5            | Flange                           | 320 V         | 14.5 A        | 2459420000 | 4050118474336 | 72   |
| BLF 3.50/06/180F SN OR BX | 6            | Flange                           | 320 V         | 14.5 A        | 2459430000 | 4050118474343 | 66   |
| BLF 3.50/07/180F SN OR BX | 7            | Flange                           | 320 V         | 14.5 A        | 2459440000 | 4050118474350 | 54   |
| BLF 3.50/08/180F SN OR BX | 8            | Flange                           | 320 V         | 14.5 A        | 2459450000 | 4050118474367 | 48   |
| BLF 3.50/09/180F SN OR BX | 9            | Flange                           | 320 V         | 14.5 A        | 2459460000 | 4050118474374 | 48   |
| BLF 3.50/10/180F SN OR BX | 10           | Flange                           | 320 V         | 14.5 A        | 2459470000 | 4050118474381 | 42   |
| BLF 3.50/11/180F SN OR BX | 11           | Flange                           | 320 V         | 14.5 A        | 2459480000 | 4050118474398 | 36   |
| BLF 3.50/12/180F SN OR BX | 12           | Flange                           | 320 V         | 14.5 A        | 2459490000 | 4050118474909 | 36   |
| BLF 3.50/13/180F SN OR BX | 13           | Flange                           | 320 V         | 14.5 A        | 2459500000 | 4050118474916 | 30   |
| BLF 3.50/14/180F SN OR BX | 14           | Flange                           | 320 V         | 14.5 A        | 2459510000 | 4050118474923 | 30   |
| BLF 3.50/15/180F SN OR BX | 15           | Flange                           | 320 V         | 14.5 A        | 2459520000 | 4050118474930 | 30   |
| BLF 3.50/16/180F SN OR BX | 16           | Flange                           | 320 V         | 14.5 A        | 2459530000 | 4050118474947 | 24   |
| BLF 3.50/17/180F SN OR BX | 17           | Flange                           | 320 V         | 14.5 A        | 2459540000 | 4050118474954 | 24   |
| BLF 3.50/18/180F SN OR BX | 18           | Flange                           | 320 V         | 14.5 A        | 2459550000 | 4050118474961 | 24   |
| BLF 3.50/24/180F SN OR BX | 24           | Flange                           | 320 V         | 14.5 A        | 2459560000 | 4050118474978 | 18   |

Technical data

| Type                          | No. of poles | Side termination, characteristic | Rated voltage | Rated current | Order No.  | EAN           | Qty. |
|-------------------------------|--------------|----------------------------------|---------------|---------------|------------|---------------|------|
| Lock- & Release Lever         |              |                                  |               |               |            |               |      |
| BLF 3.50/24/180LR SN OR BX 24 |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459830000 | 4050118475241 | 18   |
| BLF 3.50/02/180LR SN OR BX 2  |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459680000 | 4050118475098 | 132  |
| BLF 3.50/03/180LR SN OR BX 3  |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459690000 | 4050118475104 | 102  |
| BLF 3.50/04/180LR SN OR BX 4  |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459700000 | 4050118475111 | 84   |
| BLF 3.50/05/180LR SN OR BX 5  |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459710000 | 4050118475128 | 72   |
| BLF 3.50/06/180LR SN OR BX 6  |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459720000 | 4050118475135 | 66   |
| BLF 3.50/07/180LR SN OR BX 7  |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459730000 | 4050118475142 | 54   |
| BLF 3.50/08/180LR SN OR BX 8  |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459740000 | 4050118475159 | 48   |
| BLF 3.50/09/180LR SN OR BX 9  |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459750000 | 4050118475166 | 48   |
| BLF 3.50/10/180LR SN OR BX 10 |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459760000 | 4050118475173 | 42   |
| BLF 3.50/11/180LR SN OR BX 11 |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459770000 | 4050118475180 | 36   |
| BLF 3.50/12/180LR SN OR BX 12 |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459780000 | 4050118475197 | 36   |
| BLF 3.50/13/180LR SN OR BX 13 |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459790000 | 4050118475203 | 30   |
| BLF 3.50/14/180LR SN OR BX 14 |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459800000 | 4050118475210 | 30   |
| BLF 3.50/15/180LR SN OR BX 15 |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459810000 | 4050118475227 | 30   |
| BLF 3.50/16/180LR SN OR BX 16 |              | Lock- & Release Lever            | 320 V         | 14.5 A        | 2459820000 | 4050118475234 | 24   |
| Release lever                 |              |                                  |               |               |            |               |      |
| BLF 3.50/02/180LH SN OR BX 2  |              | Release lever                    | 320 V         | 14.5 A        | 2459950000 | 4050118475364 | 132  |
| BLF 3.50/03/180LH SN OR BX 3  |              | Release lever                    | 320 V         | 14.5 A        | 2459960000 | 4050118475371 | 102  |
| BLF 3.50/04/180LH SN OR BX 4  |              | Release lever                    | 320 V         | 14.5 A        | 2459970000 | 4050118475388 | 84   |
| BLF 3.50/05/180LH SN OR BX 5  |              | Release lever                    | 320 V         | 14.5 A        | 2459980000 | 4050118475395 | 72   |
| BLF 3.50/06/180LH SN OR BX 6  |              | Release lever                    | 320 V         | 14.5 A        | 2459990000 | 4050118475401 | 66   |
| BLF 3.50/07/180LH SN OR BX 7  |              | Release lever                    | 320 V         | 14.5 A        | 2460000000 | 4050118475418 | 54   |
| BLF 3.50/08/180LH SN OR BX 8  |              | Release lever                    | 320 V         | 14.5 A        | 2460010000 | 4050118475425 | 48   |
| BLF 3.50/09/180LH SN OR BX 9  |              | Release lever                    | 320 V         | 14.5 A        | 2460020000 | 4050118475432 | 48   |
| BLF 3.50/10/180LH SN OR BX 10 |              | Release lever                    | 320 V         | 14.5 A        | 2460030000 | 4050118475449 | 42   |
| BLF 3.50/11/180LH SN OR BX 11 |              | Release lever                    | 320 V         | 14.5 A        | 2460040000 | 4050118475456 | 36   |
| BLF 3.50/12/180LH SN OR BX 12 |              | Release lever                    | 320 V         | 14.5 A        | 2460050000 | 4050118475463 | 36   |
| BLF 3.50/13/180LH SN OR BX 13 |              | Release lever                    | 320 V         | 14.5 A        | 2460060000 | 4050118475470 | 30   |
| BLF 3.50/14/180LH SN OR BX 14 |              | Release lever                    | 320 V         | 14.5 A        | 2460070000 | 4050118475487 | 30   |
| BLF 3.50/15/180LH SN OR BX 15 |              | Release lever                    | 320 V         | 14.5 A        | 2460080000 | 4050118475494 | 30   |
| BLF 3.50/16/180LH SN OR BX 16 |              | Release lever                    | 320 V         | 14.5 A        | 2460090000 | 4050118475500 | 24   |
| BLF 3.50/17/180LH SN OR BX 17 |              | Release lever                    | 320 V         | 14.5 A        | 2460100000 | 4050118475517 | 24   |
| BLF 3.50/18/180LH SN OR BX 18 |              | Release lever                    | 320 V         | 14.5 A        | 2460110000 | 4050118475524 | 24   |

## Consistent marking from planning to operation

### We optimise your marking process

The increasing degree of automation across all industrial fields comes with an increasing complexity of control cabinets. Hence compliance of markings on installed components with standards is more important than ever. Be it installation, commissioning or, at a later stage, maintenance: The configuration must continue to be clearly indicated and comprehensible at first glance. This is the only way to effectively support troubleshooting, which significantly increases the installation's productivity.

Our solution is called „systemised marking“ – a system of markers, coordinated software and printing technology that perfectly addresses today's requirements, while also proving to be extremely cost-effective for small and medium sized projects.

Professional marking in accordance with the IEC 60204-1 standard is essential for faultless operation and reliable maintenance of industrial facilities. Weidmüller goes above and beyond specifications of the standard. Benefit from products that perfectly complement one another with our „systemised marking“ approach – from data entry to ready-to-use markers.



# 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 control cabinet. 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 a clear, cross-vendor assignment of all components, e.g. for device tags, and command and signalling devices. MultiMark makes an 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 control cabinet 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](http://www.weidmueller.com/multimark)



**Snap 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.  | EAN           | Qty. |
|---------------------------------|-----------------------------|----------------|--------|----------------|------------|---------------|------|
| Terminal markers DEK and WS     |                             |                |        |                |            |               |      |
| DEK 5/3.5 MM WS                 | Terminal marker             | 5 mm / 3.5 mm  | White  |                | 2007100000 | 4050118391992 | 1000 |
| DEK 5/5 MM WS                   | Terminal marker             | 5 mm / 5 mm    | White  |                | 2007110000 | 4050118391862 | 800  |
| DEK 5/6 MM WS                   | Terminal marker             | 5 mm / 6 mm    | White  |                | 2007120000 | 4050118392104 | 600  |
| DEK 5/8 MM WS                   | Terminal marker             | 5 mm / 8 mm    | White  |                | 2007130000 | 4050118392012 | 500  |
| DEK-A 5/8 MM WS                 | Terminal marker             | 5 mm / 8.1 mm  | White  |                | 2448860000 | 4050118462968 | 500  |
| WS 8/3.5 MM WS                  | Terminal marker             | 8 mm / 3.5 mm  | White  |                | 2007140000 | 4050118391893 | 1000 |
| WS 8/5 MM WS                    | Terminal marker             | 8 mm / 5 mm    | White  |                | 2007150000 | 4050118392029 | 800  |
| WS 8/6 MM WS                    | Terminal marker             | 8 mm / 6 mm    | White  |                | 2007160000 | 4050118391879 | 600  |
| WS 8/8 MM WS                    | Terminal marker             | 8 mm / 8 mm    | White  |                | 2007170000 | 4050118392043 | 500  |
| WS-A 8/8 MM WS                  | Terminal marker             | 8 mm / 8.1 mm  | White  |                | 2448930000 | 4050118462982 | 500  |
| WS 12/3.5 MM WS                 | Terminal marker             | 12 mm / 3.5 mm | White  |                | 2007180000 | 4050118392203 | 1000 |
| WS 12/5 MM WS                   | Terminal marker             | 12 mm / 5 mm   | White  |                | 2007190000 | 4050118392036 | 800  |
| WS 12/6 MM WS                   | Terminal marker             | 12 mm / 6 mm   | White  |                | 2007200000 | 4050118391886 | 600  |
| WS 12/8 MM WS                   | Terminal marker             | 12 mm / 8 mm   | White  |                | 2007210000 | 4050118392050 | 500  |
| WS-A 12/8 MM WS                 | Terminal marker             | 12 mm / 8.1 mm | White  |                | 2448920000 | 4050118462975 | 500  |
| Terminal marker MultiFit        |                             |                |        |                |            |               |      |
| MF 10/5 MM WS                   | Terminal marker             | 10 mm / 5 mm   | White  |                | 2519170000 | 4050118531190 | 600  |
| MF 10/6 MM WS                   | Terminal marker             | 10 mm / 6 mm   | White  |                | 2519180000 | 4050118531404 | 500  |
| MF 10/8 MM WS                   | Terminal marker             | 10 mm / 8 mm   | White  |                | 2519190000 | 4050118531411 | 400  |
| MF 5/5 MM WS                    | Terminal marker             | 5 mm / 5 mm    | White  |                | 2519200000 | 4050118531428 | 1200 |
| MF 5/6 MM WS                    | Terminal marker             | 5 mm / 6 mm    | White  |                | 2519210000 | 4050118531435 | 1000 |
| MF 8/5 MM WS                    | Terminal marker             | 5 mm / 8 mm    | White  |                | 2518500000 | 4050118531343 | 600  |
| MF-W 5/5 MINI MM WS             | Terminal marker             | 5 mm / 5 mm    | White  |                | 2519220000 | 4050118531442 | 800  |
| MF-W 9/5 MM WS                  | Terminal marker             | 9 mm / 5 mm    | White  |                | 2519230000 | 4050118531459 | 1200 |
| MF-W 9/5.2 F MM WS              | Terminal marker             | 9 mm / 5.2 mm  | White  |                | 2519250000 | 4050118531473 | 800  |
| MF-W 9/5 F MM WS                | Terminal marker             | 9 mm / 5 mm    | White  |                | 2519240000 | 4050118531466 | 800  |
| Cable markers SFX               |                             |                |        |                |            |               |      |
| SFX 11/60 MM BL                 | Conductor and cable markers | 60 mm / 11 mm  | Blue   |                | 2519060000 | 4050118531213 | 1000 |
| SFX 11/60 MM GN                 | Conductor and cable markers | 60 mm / 11 mm  | Green  |                | 2519050000 | 4050118531206 | 1000 |
| SFX 11/60 MM RT                 | Conductor and cable markers | 60 mm / 11 mm  | Red    |                | 2519040000 | 4050118530995 | 1000 |
| SFX 11/60 MM SW                 | Conductor and cable markers | 60 mm / 11 mm  | Black  |                | 2518650000 | 4050118530988 | 1000 |
| SFX 30/60 MM BL                 | Conductor and cable markers | 60 mm / 30 mm  | Blue   |                | 2519140000 | 4050118531299 | 300  |
| SFX 30/60 MM GN                 | Conductor and cable markers | 60 mm / 30 mm  | Green  |                | 2519110000 | 4050118531268 | 300  |
| SFX 30/60 MM RT                 | Conductor and cable markers | 60 mm / 30 mm  | Red    |                | 2519130000 | 4050118531282 | 300  |
| SFX 30/60 MM SW                 | Conductor and cable markers | 60 mm / 30 mm  | Black  |                | 2519120000 | 4050118531275 | 300  |
| SFX 9/24 MM BL                  | Conductor and cable markers | 26 mm / 15 mm  | Blue   |                | 2519100000 | 4050118531251 | 1000 |
| SFX 9/24 MM GN                  | Conductor and cable markers | 26 mm / 15 mm  | Green  |                | 2519080000 | 4050118531237 | 1000 |
| SFX 9/24 MM RT                  | Conductor and cable markers | 26 mm / 15 mm  | Red    |                | 2519090000 | 4050118531244 | 1000 |
| SFX 9/24 MM SW                  | Conductor and cable markers | 26 mm / 15 mm  | Black  |                | 2519070000 | 4050118531220 | 1000 |
| Device marker SwitchMark        |                             |                |        |                |            |               |      |
| SM 22/22 MM GE                  | Device markers              | 22 mm / 22 mm  | Yellow |                | 2535620000 | 4050118549621 | 1000 |
| SM 22/22 MM GR                  | Device markers              | 22 mm / 22 mm  | Grey   |                | 2535630000 | 4050118549638 | 1000 |
| SM 22/22 MM WS                  | Device markers              | 22 mm / 22 mm  | White  |                | 2535610000 | 4050118549614 | 1000 |
| Device marker Endless 30 meters |                             |                |        |                |            |               |      |
| EL 12 MM BL 30M                 | Device markers              | 12 mm /        | Blue   |                | 2518680000 | 4050118530971 | 1    |
| EL 12 MM GN 30M                 | Device markers              | 12 mm /        | Green  |                | 2528320000 | 4050118539219 | 1    |
| EL 12 MM RT 30M                 | Device markers              | 12 mm /        | Red    |                | 2528220000 | 4050118539141 | 1    |
| EL 12 MM SW 30M                 | Device markers              | 12 mm /        | Black  |                | 2528380000 | 4050118539271 | 1    |
| EL 15 MM BL 30M                 | Device markers              | 15 mm /        | Blue   |                | 2518990000 | 4050118531046 | 1    |
| EL 15 MM GN 30M                 | Device markers              | 15 mm /        | Green  |                | 2528330000 | 4050118539226 | 1    |
| EL 15 MM RT 30M                 | Device markers              | 15 mm /        | Red    |                | 2528270000 | 4050118538861 | 1    |
| EL 15 MM SW 30M                 | Device markers              | 15 mm /        | Black  |                | 2528390000 | 4050118539288 | 1    |
| EL 27 MM BL 30M                 | Device markers              | 27 mm /        | Blue   |                | 2519000000 | 4050118531053 | 1    |
| EL 27 MM GN 30M                 | Device markers              | 27 mm /        | Green  |                | 2528340000 | 4050118539233 | 1    |
| EL 27 MM RT 30M                 | Device markers              | 27 mm /        | Red    |                | 2528280000 | 4050118538878 | 1    |
| EL 27 MM SW 30M                 | Device markers              | 27 mm /        | Black  |                | 2528400000 | 4050118539295 | 1    |

Technical data

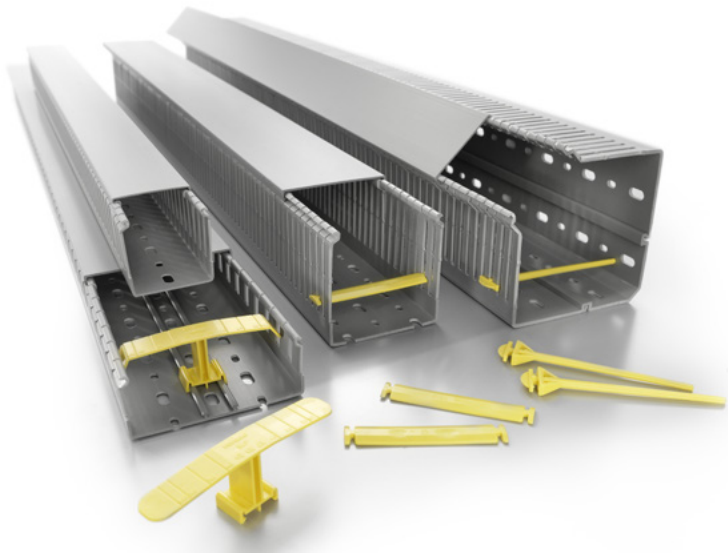
| Type                                     | Product type                | Height / Width    | Colour | Conductor O.D. | Order No.  | EAN           | Qty. |
|------------------------------------------|-----------------------------|-------------------|--------|----------------|------------|---------------|------|
| EL 38 MM BL 30M                          | Device markers              | 38 mm /           | Blue   |                | 2519010000 | 4050118531060 | 1    |
| EL 38 MM GN 30M                          | Device markers              | 38 mm /           | Green  |                | 2528350000 | 4050118539240 | 1    |
| EL 38 MM RT 30M                          | Device markers              | 38 mm /           | Red    |                | 2528290000 | 4050118538885 | 1    |
| EL 38 MM SW 30M                          | Device markers              | 38 mm /           | Black  |                | 2528410000 | 4050118539301 | 1    |
| EL 60 MM BL 30M                          | Device markers              | 60 mm /           | Blue   |                | 2519020000 | 4050118531077 | 1    |
| EL 60 MM GN 30M                          | Device markers              | 60 mm /           | Green  |                | 2528360000 | 4050118539257 | 1    |
| EL 60 MM RT 30M                          | Device markers              | 60 mm /           | Red    |                | 2528300000 | 4050118538892 | 1    |
| EL 60 MM SW 30M                          | Device markers              | 60 mm /           | Black  |                | 2528420000 | 4050118539318 | 1    |
| EL 100 MM BL 30M                         | Device markers              | 100 mm /          | Blue   |                | 2519030000 | 4050118531084 | 1    |
| EL 100 MM GN 30M                         | Device markers              | 100 mm /          | Green  |                | 2528370000 | 4050118539264 | 1    |
| EL 100 MM RT 30M                         | Device markers              | 100 mm /          | Red    |                | 2528310000 | 4050118539202 | 1    |
| EL 100 MM SW 30M                         | Device markers              | 100 mm /          | Black  |                | 2528430000 | 4050118539325 | 1    |
| Inlay tags ELS                           |                             |                   |        |                |            |               |      |
| ELS 7/40 MM GE                           | Insert markers              | 40 mm / 6.3 mm    | Yellow |                | 2519160000 | 4050118531329 | 3000 |
| ELS 7/40 MM WS                           | Insert markers              | 40 mm / 6.3 mm    | White  |                | 2518620000 | 4050118531312 | 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 | 4050118537208 | 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 | 4050118537215 | 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 | 4050118537222 | 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 | 4050118537239 | 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 | 4050118537246 | 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 | 4050118537253 | 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 | 4050118537260 | 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 | 4050118537277 | 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 | 4050118537284 | 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 | 4050118537291 | 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 | 4050118537307 | 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 | 4050118537314 | 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 | 4050118537383 | 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 | 4050118537390 | 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 | 4050118537406 | 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 | 4050118537413 | 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 | 4050118537420 | 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 | 4050118537437 | 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 | 4050118537444 | 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 | 4050118537451 | 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 | 4050118537468 | 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 | 4050118537475 | 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 | 4050118537482 | 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 | 4050118537499 | 2000 |
| HSS-HF... Endless 30 meters halogen-free |                             |                   |        |                |            |               |      |
| HSS-HF 1.2-2.4 EL SW30M                  | Conductor and cable markers | 4.2 mm            | Black  | 1.2 - 2.4 mm   | 2518740000 | 4050118530964 | 1    |
| HSS-HF 1.6-3.2 EL SW30M                  | Conductor and cable markers | 5.6 mm            | Black  | 1.6 - 3.2 mm   | 2518920000 | 4050118531121 | 1    |
| HSS-HF 12.7-25.4EL SW30M                 | Conductor and cable markers | 25.4 mm           | Black  | 12.7 - 25.4 mm | 2518980000 | 4050118531183 | 1    |
| HSS-HF 2.4-4.8 EL SW30M                  | Conductor and cable markers | 7.6 mm            | Black  | 2.4 - 4.8 mm   | 2518930000 | 4050118531138 | 1    |
| HSS-HF 3.2-6.4 EL SW30M                  | Conductor and cable markers | 10.7 mm           | Black  | 3.2 - 6.4 mm   | 2518940000 | 4050118531145 | 1    |
| HSS-HF 4.8-9.5 EL SW30M                  | Conductor and cable markers | 15.1 mm           | Black  | 4.8 - 9.5 mm   | 2518950000 | 4050118531152 | 1    |
| HSS-HF 6.4-12.7 EL SW30M                 | Conductor and cable markers | 20.9 mm           | Black  | 6.4 - 12.7 mm  | 2518960000 | 4050118531169 | 1    |
| HSS-HF 9.5-19.1 EL SW30M                 | Conductor and cable markers | 30.9 mm           | Black  | 9.5 - 19.1 mm  | 2518970000 | 4050118531176 | 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](http://www.weidmueller.com/cableducts)

### Technical data

| Type                                            | Product type | Height / Width | Slit width / Slit gap | Length  | Order No.  | EAN           | Qty. |
|-------------------------------------------------|--------------|----------------|-----------------------|---------|------------|---------------|------|
| Cable duct, slit width 8 / distance of slots 12 |              |                |                       |         |            |               |      |
| CD 80x80 8/12                                   | Cable Duct   | 80 / 80 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552780000 | 4050118562842 | 12   |
| CD 80x60 8/12                                   | Cable Duct   | 80 / 60 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552740000 | 4050118562804 | 12   |
| CD 80x40 8/12                                   | Cable Duct   | 80 / 40 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552690000 | 4050118562750 | 12   |
| CD 80x25 8/12                                   | Cable Duct   | 80 / 25 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552640000 | 4050118562705 | 16   |
| CD 80x200 8/12                                  | Cable Duct   | 80 / 200 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552930000 | 4050118562996 | 4    |
| CD 80x150 8/12                                  | Cable Duct   | 80 / 150 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552900000 | 4050118562965 | 6    |
| CD 80x120 8/12                                  | Cable Duct   | 80 / 120 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552870000 | 4050118562934 | 8    |
| CD 80x100 8/12                                  | Cable Duct   | 80 / 100 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552820000 | 4050118562880 | 8    |
| CD 60x80 8/12                                   | Cable Duct   | 60 / 80 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552770000 | 4050118562835 | 12   |
| CD 60x60 8/12                                   | Cable Duct   | 60 / 60 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552730000 | 4050118562798 | 12   |
| CD 60x40 8/12                                   | Cable Duct   | 60 / 40 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552680000 | 4050118562743 | 18   |
| CD 60x25 8/12                                   | Cable Duct   | 60 / 25 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552630000 | 4050118562491 | 20   |
| CD 60x200 8/12                                  | Cable Duct   | 60 / 200 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552920000 | 4050118562989 | 4    |
| CD 60x150 8/12                                  | Cable Duct   | 60 / 150 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552890000 | 4050118562958 | 6    |
| CD 60x120 8/12                                  | Cable Duct   | 60 / 120 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552860000 | 4050118562927 | 8    |
| CD 60x100 8/12                                  | Cable Duct   | 60 / 100 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552810000 | 4050118562873 | 10   |
| CD 40x80 8/12                                   | Cable Duct   | 40 / 80 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552760000 | 4050118562828 | 12   |
| CD 40x60 8/12                                   | Cable Duct   | 40 / 60 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552720000 | 4050118562781 | 12   |
| CD 40x40 8/12                                   | Cable Duct   | 40 / 40 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552670000 | 4050118562736 | 20   |
| CD 40x25 8/12                                   | Cable Duct   | 40 / 25 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552620000 | 4050118562484 | 30   |
| CD 40x120 8/12                                  | Cable Duct   | 40 / 120 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552850000 | 4050118562910 | 10   |
| CD 40x100 8/12                                  | Cable Duct   | 40 / 100 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552800000 | 4050118562866 | 8    |
| CD 30x60 8/12                                   | Cable Duct   | 30 / 60 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552710000 | 4050118562774 | 16   |
| CD 30x40 8/12                                   | Cable Duct   | 30 / 40 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552660000 | 4050118562729 | 24   |
| CD 30x25 8/12                                   | Cable Duct   | 30 / 25 mm     | 8.00 mm / 12.00 mm    | 2000 mm | 2552600000 | 4050118562590 | 40   |
| CD 150x100 8/12                                 | Cable Duct   | 150 / 100 mm   | 8.00 mm / 12.00 mm    | 2000 mm | 2552840000 | 4050118562903 | 4    |
| CD 100x80 8/12                                  | Cable Duct   | 100 / 80 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552790000 | 4050118562859 | 8    |
| CD 100x60 8/12                                  | Cable Duct   | 100 / 60 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552750000 | 4050118562811 | 8    |
| CD 100x40 8/12                                  | Cable Duct   | 100 / 40 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552700000 | 4050118562767 | 8    |
| CD 100x25 8/12                                  | Cable Duct   | 100 / 25 mm    | 8.00 mm / 12.00 mm    | 2000 mm | 2552650000 | 4050118562712 | 12   |
| CD 100x200 8/12                                 | Cable Duct   | 100 / 200 mm   | 8.00 mm / 12.00 mm    | 2000 mm | 2552940000 | 4050118563009 | 4    |
| CD 100x150 8/12                                 | Cable Duct   | 100 / 150 mm   | 8.00 mm / 12.00 mm    | 2000 mm | 2552910000 | 4050118562972 | 4    |
| CD 100x120 8/12                                 | Cable Duct   | 100 / 120 mm   | 8.00 mm / 12.00 mm    | 2000 mm | 2552880000 | 4050118562941 | 4    |
| CD 100x100 8/12                                 | Cable Duct   | 100 / 100 mm   | 8.00 mm / 12.00 mm    | 2000 mm | 2552830000 | 4050118562897 | 8    |
| Cable duct, slit width 4 / distance of slots 6  |              |                |                       |         |            |               |      |
| CD 80x80 4/6                                    | Cable Duct   | 80 / 80 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2553130000 | 4050118563191 | 12   |
| CD 80x60 4/6                                    | Cable Duct   | 80 / 60 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2553090000 | 4050118563153 | 12   |
| CD 80x40 4/6                                    | Cable Duct   | 80 / 40 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2553050000 | 4050118563115 | 12   |
| CD 80x25 4/6                                    | Cable Duct   | 80 / 25 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2553010000 | 4050118563078 | 16   |
| CD 80x120 4/6                                   | Cable Duct   | 80 / 120 mm    | 4.00 mm / 6.00 mm     | 2000 mm | 2553190000 | 4050118563252 | 8    |
| CD 80x100 4/6                                   | Cable Duct   | 80 / 100 mm    | 4.00 mm / 6.00 mm     | 2000 mm | 2553160000 | 4050118563221 | 8    |
| CD 60x80 4/6                                    | Cable Duct   | 60 / 80 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2553120000 | 4050118563184 | 12   |
| CD 60x60 4/6                                    | Cable Duct   | 60 / 60 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2553080000 | 4050118563146 | 12   |
| CD 60x40 4/6                                    | Cable Duct   | 60 / 40 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2553040000 | 4050118563108 | 18   |
| CD 60x25 4/6                                    | Cable Duct   | 60 / 25 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2553000000 | 4050118563061 | 20   |
| CD 60x120 4/6                                   | Cable Duct   | 60 / 120 mm    | 4.00 mm / 6.00 mm     | 2000 mm | 2553180000 | 4050118563245 | 8    |
| CD 60x100 4/6                                   | Cable Duct   | 60 / 100 mm    | 4.00 mm / 6.00 mm     | 2000 mm | 2553150000 | 4050118563214 | 10   |
| CD 40x80 4/6                                    | Cable Duct   | 40 / 80 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2553110000 | 4050118563177 | 12   |
| CD 40x60 4/6                                    | Cable Duct   | 40 / 60 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2553070000 | 4050118563139 | 12   |
| CD 40x40 4/6                                    | Cable Duct   | 40 / 40 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2553030000 | 4050118563092 | 20   |
| CD 40x25 4/6                                    | Cable Duct   | 40 / 25 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2552990000 | 4050118563054 | 30   |
| CD 40x15 4/6                                    | Cable Duct   | 40 / 15 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2552970000 | 4050118563030 | 36   |

Technical data

| Type                                                          | Product type            | Height / Width | Slit width / Slit gap | Length  | Order No.  | EAN           | Qty. |
|---------------------------------------------------------------|-------------------------|----------------|-----------------------|---------|------------|---------------|------|
| Cable duct, slit width 4 / distance of slots 6                |                         |                |                       |         |            |               |      |
| CD 30x25 4/6                                                  | Cable Duct              | 30 / 25 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2552980000 | 4050118563047 | 40   |
| CD 30x15 4/6                                                  | Cable Duct              | 30 / 15 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2552960000 | 4050118563023 | 48   |
| CD 17x15 4/6                                                  | Cable Duct              | 17 / 15 mm     | 4.00 mm / 6.00 mm     | 2000 mm | 2552950000 | 4050118563016 | 60   |
| CD 100x80 4/6                                                 | Cable Duct              | 100 / 80 mm    | 4.00 mm / 6.00 mm     | 2000 mm | 2553140000 | 4050118563207 | 8    |
| CD 100x60 4/6                                                 | Cable Duct              | 100 / 60 mm    | 4.00 mm / 6.00 mm     | 2000 mm | 2553100000 | 4050118563160 | 8    |
| CD 100x40 4/6                                                 | Cable Duct              | 100 / 40 mm    | 4.00 mm / 6.00 mm     | 2000 mm | 2553060000 | 4050118563122 | 8    |
| CD 100x25 4/6                                                 | Cable Duct              | 100 / 25 mm    | 4.00 mm / 6.00 mm     | 2000 mm | 2553020000 | 4050118563085 | 12   |
| CD 100x120 4/6                                                | Cable Duct              | 100 / 120 mm   | 4.00 mm / 6.00 mm     | 2000 mm | 2553200000 | 4050118563269 | 4    |
| CD 100x100 4/6                                                | Cable Duct              | 100 / 100 mm   | 4.00 mm / 6.00 mm     | 2000 mm | 2553170000 | 4050118563238 | 8    |
| Cable duct DIN, slit width 5 / distance of slots 7.5          |                         |                |                       |         |            |               |      |
| CD 75x75 5/7.5                                                | Cable Duct              | 75 / 75 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2554160000 | 4050118564280 | 8    |
| CD 75x50 5/7.5                                                | Cable Duct              | 75 / 50 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2554140000 | 4050118564266 | 12   |
| CD 75x37.5 5/7.5                                              | Cable Duct              | 75 / 37.5 mm   | 5.00 mm / 7.50 mm     | 2000 mm | 2553270000 | 4050118563337 | 16   |
| CD 75x25 5/7.5                                                | Cable Duct              | 75 / 25 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553240000 | 4050118563306 | 16   |
| CD 75x125 5/7.5                                               | Cable Duct              | 75 / 125 mm    | 5.00 mm / 7.50 mm     | 2000 mm | 2554190000 | 4050118564310 | 6    |
| CD 75x100 5/7.5                                               | Cable Duct              | 75 / 100 mm    | 5.00 mm / 7.50 mm     | 2000 mm | 2554180000 | 4050118564303 | 8    |
| CD 50x75 5/7.5                                                | Cable Duct              | 50 / 75 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2554150000 | 4050118564273 | 12   |
| CD 50x50 5/7.5                                                | Cable Duct              | 50 / 50 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2554130000 | 4050118564259 | 12   |
| CD 50x37.5 5/7.5                                              | Cable Duct              | 50 / 37.5 mm   | 5.00 mm / 7.50 mm     | 2000 mm | 2553260000 | 4050118563320 | 16   |
| CD 50x25 5/7.5                                                | Cable Duct              | 50 / 25 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553230000 | 4050118563290 | 26   |
| CD 50x100 5/7.5                                               | Cable Duct              | 50 / 100 mm    | 5.00 mm / 7.50 mm     | 2000 mm | 2554170000 | 4050118564297 | 8    |
| CD 37.5x37.5 5/7.5                                            | Cable Duct              | 37.5 / 37.5 mm | 5.00 mm / 7.50 mm     | 2000 mm | 2553250000 | 4050118563313 | 24   |
| CD 37.5x25 5/7.5                                              | Cable Duct              | 37.5 / 25 mm   | 5.00 mm / 7.50 mm     | 2000 mm | 2553220000 | 4050118563283 | 32   |
| CD 25x25 5/7.5                                                | Cable Duct              | 25 / 25 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553210000 | 4050118563276 | 42   |
| Cable duct halogen-free, slit width 5 / distance of slots 7.5 |                         |                |                       |         |            |               |      |
| CD-HF 75x75 5/7.5 L                                           | Cable Duct Halogen-free | 75 / 75 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553370000 | 4050118563504 | 8    |
| CD-HF 75x75 5/7.5 D                                           | Cable Duct Halogen-free | 75 / 75 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553510000 | 4050118563641 | 8    |
| CD-HF 75x50 5/7.5 L                                           | Cable Duct Halogen-free | 75 / 50 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553350000 | 4050118563481 | 12   |
| CD-HF 75x50 5/7.5 D                                           | Cable Duct Halogen-free | 75 / 50 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553490000 | 4050118563627 | 12   |
| CD-HF 75x37.5 5/7.5 L                                         | Cable Duct Halogen-free | 75 / 37.5 mm   | 5.00 mm / 7.50 mm     | 2000 mm | 2553330000 | 4050118563467 | 16   |
| CD-HF 75x37.5 5/7.5 D                                         | Cable Duct Halogen-free | 75 / 37.5 mm   | 5.00 mm / 7.50 mm     | 2000 mm | 2553470000 | 4050118563603 | 16   |
| CD-HF 75x25 5/7.5 L                                           | Cable Duct Halogen-free | 75 / 25 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553300000 | 4050118563436 | 16   |
| CD-HF 75x25 5/7.5 D                                           | Cable Duct Halogen-free | 75 / 25 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553440000 | 4050118563573 | 16   |
| CD-HF 75x125 5/7.5 L                                          | Cable Duct Halogen-free | 75 / 125 mm    | 5.00 mm / 7.50 mm     | 2000 mm | 2553400000 | 4050118563535 | 6    |
| CD-HF 75x125 5/7.5 D                                          | Cable Duct Halogen-free | 75 / 125 mm    | 5.00 mm / 7.50 mm     | 2000 mm | 2553540000 | 4050118563672 | 6    |
| CD-HF 75x100 5/7.5 L                                          | Cable Duct Halogen-free | 75 / 100 mm    | 5.00 mm / 7.50 mm     | 2000 mm | 2553390000 | 4050118563528 | 8    |
| CD-HF 75x100 5/7.5 D                                          | Cable Duct Halogen-free | 75 / 100 mm    | 5.00 mm / 7.50 mm     | 2000 mm | 2553530000 | 4050118563665 | 8    |
| CD-HF 50x75 5/7.5 L                                           | Cable Duct Halogen-free | 50 / 75 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553360000 | 4050118563498 | 12   |
| CD-HF 50x75 5/7.5 D                                           | Cable Duct Halogen-free | 50 / 75 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553500000 | 4050118563634 | 12   |
| CD-HF 50x50 5/7.5 L                                           | Cable Duct Halogen-free | 50 / 50 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553340000 | 4050118563474 | 12   |
| CD-HF 50x50 5/7.5 D                                           | Cable Duct Halogen-free | 50 / 50 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553480000 | 4050118563610 | 12   |
| CD-HF 50x37.5 5/7.5 L                                         | Cable Duct Halogen-free | 50 / 37.5 mm   | 5.00 mm / 7.50 mm     | 2000 mm | 2553320000 | 4050118563450 | 16   |
| CD-HF 50x37.5 5/7.5 D                                         | Cable Duct Halogen-free | 50 / 37.5 mm   | 5.00 mm / 7.50 mm     | 2000 mm | 2553460000 | 4050118563597 | 16   |
| CD-HF 50x25 5/7.5 L                                           | Cable Duct Halogen-free | 50 / 25 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553290000 | 4050118563429 | 26   |
| CD-HF 50x25 5/7.5 D                                           | Cable Duct Halogen-free | 50 / 25 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553430000 | 4050118563566 | 26   |
| CD-HF 50x100 5/7.5 L                                          | Cable Duct Halogen-free | 50 / 100 mm    | 5.00 mm / 7.50 mm     | 2000 mm | 2553380000 | 4050118563511 | 8    |
| CD-HF 50x100 5/7.5 D                                          | Cable Duct Halogen-free | 50 / 100 mm    | 5.00 mm / 7.50 mm     | 2000 mm | 2553520000 | 4050118563658 | 8    |
| CD-HF 37.5x37.5 5/7.5 L                                       | Cable Duct Halogen-free | 37.5 / 37.5 mm | 5.00 mm / 7.50 mm     | 2000 mm | 2553310000 | 4050118563443 | 24   |
| CD-HF 37.5x37.5 5/7.5 D                                       | Cable Duct Halogen-free | 37.5 / 37.5 mm | 5.00 mm / 7.50 mm     | 2000 mm | 2553450000 | 4050118563580 | 24   |
| CD-HF 37.5x25 5/7.5 L                                         | Cable Duct Halogen-free | 37.5 / 25 mm   | 5.00 mm / 7.50 mm     | 2000 mm | 2553280000 | 4050118563412 | 32   |
| CD-HF 37.5x25 5/7.5 D                                         | Cable Duct Halogen-free | 37.5 / 25 mm   | 5.00 mm / 7.50 mm     | 2000 mm | 2553420000 | 4050118563559 | 32   |
| CD-HF 25x25 5/7.5 L                                           | Cable Duct Halogen-free | 25 / 25 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2552610000 | 4050118563405 | 42   |
| CD-HF 25x25 5/7.5 D                                           | Cable Duct Halogen-free | 25 / 25 mm     | 5.00 mm / 7.50 mm     | 2000 mm | 2553410000 | 4050118563542 | 42   |

Technical data

| Type                    | Product type           | Height / Width | Slit width / Slit gap | Length    | Order No.  | EAN           | Qty. |
|-------------------------|------------------------|----------------|-----------------------|-----------|------------|---------------|------|
| Cable duct bottom rail  |                        |                |                       |           |            |               |      |
| CD-CDD 90x90 4/6        | Cable Duct Corner duct | 90 / 90 mm     | 4.00 mm / 6.00 mm     | 2000 mm   | 2554530000 | 4050118564655 | 8    |
| CD-B0 80x80 8/12        | Cable Duct Bottom Rail | 80 / 80 mm     | 8.00 mm / 12.00 mm    | 2000 mm   | 2554400000 | 4050118564525 | 12   |
| CD-B0 80x80 4/6         | Cable Duct Bottom Rail | 80 / 80 mm     | 4.00 mm / 6.00 mm     | 2000 mm   | 2554500000 | 4050118564624 | 12   |
| CD-B0 80x60 8/12        | Cable Duct Bottom Rail | 80 / 60 mm     | 8.00 mm / 12.00 mm    | 2000 mm   | 2554370000 | 4050118564495 | 12   |
| CD-B0 80x60 4/6         | Cable Duct Bottom Rail | 80 / 60 mm     | 4.00 mm / 6.00 mm     | 2000 mm   | 2554470000 | 4050118564594 | 12   |
| CD-B0 80x40 8/12        | Cable Duct Bottom Rail | 80 / 40 mm     | 8.00 mm / 12.00 mm    | 2000 mm   | 2554340000 | 4050118564464 | 12   |
| CD-B0 80x40 4/6         | Cable Duct Bottom Rail | 80 / 40 mm     | 4.00 mm / 6.00 mm     | 2000 mm   | 2554440000 | 4050118564563 | 12   |
| CD-B0 80x100 8/12       | Cable Duct Bottom Rail | 80 / 100 mm    | 8.00 mm / 12.00 mm    | 2000 mm   | 2554420000 | 4050118564549 | 8    |
| CD-B0 80x100 4/6        | Cable Duct Bottom Rail | 80 / 100 mm    | 4.00 mm / 6.00 mm     | 2000 mm   | 2554520000 | 4050118564648 | 8    |
| CD-B0 60x80 8/12        | Cable Duct Bottom Rail | 60 / 80 mm     | 8.00 mm / 12.00 mm    | 2000 mm   | 2554390000 | 4050118564518 | 12   |
| CD-B0 60x80 4/6         | Cable Duct Bottom Rail | 60 / 80 mm     | 4.00 mm / 6.00 mm     | 2000 mm   | 2554490000 | 4050118564617 | 12   |
| CD-B0 60x60 8/12        | Cable Duct Bottom Rail | 60 / 60 mm     | 8.00 mm / 12.00 mm    | 2000 mm   | 2554360000 | 4050118564488 | 12   |
| CD-B0 60x60 4/6         | Cable Duct Bottom Rail | 60 / 60 mm     | 4.00 mm / 6.00 mm     | 2000 mm   | 2554460000 | 4050118564587 | 12   |
| CD-B0 60x40 8/12        | Cable Duct Bottom Rail | 60 / 40 mm     | 8.00 mm / 12.00 mm    | 2000 mm   | 2554330000 | 4050118564457 | 18   |
| CD-B0 60x40 4/6         | Cable Duct Bottom Rail | 60 / 40 mm     | 4.00 mm / 6.00 mm     | 2000 mm   | 2554430000 | 4050118564556 | 18   |
| CD-B0 60x100 8/12       | Cable Duct Bottom Rail | 60 / 100 mm    | 8.00 mm / 12.00 mm    | 2000 mm   | 2554410000 | 4050118564532 | 10   |
| CD-B0 60x100 4/6        | Cable Duct Bottom Rail | 60 / 100 mm    | 4.00 mm / 6.00 mm     | 2000 mm   | 2554510000 | 4050118564631 | 10   |
| CD-B0 40x80 8/12        | Cable Duct Bottom Rail | 40 / 80 mm     | 8.00 mm / 12.00 mm    | 2000 mm   | 2554380000 | 4050118564501 | 12   |
| CD-B0 40x80 4/6         | Cable Duct Bottom Rail | 40 / 80 mm     | 4.00 mm / 6.00 mm     | 2000 mm   | 2554480000 | 4050118564600 | 12   |
| CD-B0 40x60 8/12        | Cable Duct Bottom Rail | 40 / 60 mm     | 8.00 mm / 12.00 mm    | 2000 mm   | 2554350000 | 4050118564471 | 12   |
| CD-B0 40x60 4/6         | Cable Duct Bottom Rail | 40 / 60 mm     | 4.00 mm / 6.00 mm     | 2000 mm   | 2554450000 | 4050118564570 | 12   |
| CD-CDD 110x110 4/6      | Cable Duct Corner duct | 110 / 110 mm   | 4.00 mm / 6.00 mm     | 2000 mm   | 2554540000 | 4050118564662 | 8    |
| Cable duct flexible     |                        |                |                       |           |            |               |      |
| CD-FLEX 40x40           | Cable Duct Flexible    | 40 / 40 mm     | 5.00 mm / 7.50 mm     | 500 mm    | 2562800000 | 4050118571547 | 50   |
| CD-FLEX 30x30           | Cable Duct Flexible    | 30 / 30 mm     | 5.00 mm / 7.50 mm     | 500 mm    | 2562790000 | 4050118571561 | 50   |
| CD-FLEX 20x20           | Cable Duct Flexible    | 20 / 20 mm     | 5.00 mm / 7.50 mm     | 500 mm    | 2562780000 | 4050118571554 | 50   |
| CD-FLEX 12.5x12.5       | Cable Duct Flexible    | 12.5 / 12.5 mm | 5.00 mm / 7.50 mm     | 500 mm    | 2562770000 | 4050118571585 | 50   |
| Cable conduit           |                        |                |                       |           |            |               |      |
| CBSh-T 8                | Cable Conduit Tool     |                |                       |           | 2553910000 | 4050118564044 | 10   |
| CBSh-T 25               | Cable Conduit Tool     |                |                       |           | 2553940000 | 4050118564075 | 5    |
| CBSh-T 20               | Cable Conduit Tool     |                |                       |           | 2553930000 | 4050118564068 | 10   |
| CBSh-T 15               | Cable Conduit Tool     |                |                       |           | 2553920000 | 4050118564051 | 10   |
| CBSh-SP 8-70/100 T      | Cable Conduit Spiral   |                |                       | 100000 mm | 2553740000 | 4050118563870 | 1    |
| CBSh-SP 8-70/100 B      | Cable Conduit Spiral   |                |                       | 100000 mm | 2553840000 | 4050118563979 | 1    |
| CBSh-SP 5-50/200 V2 T   | Cable Conduit Spiral   |                |                       | 200000 mm | 2553790000 | 4050118563924 | 1    |
| CBSh-SP 5-50/200 T      | Cable Conduit Spiral   |                |                       | 200000 mm | 2553730000 | 4050118563863 | 1    |
| CBSh-SP 5-50/200 B      | Cable Conduit Spiral   |                |                       | 200000 mm | 2553830000 | 4050118563962 | 1    |
| CBSh-SP 2-12/400 V2 T   | Cable Conduit Spiral   |                |                       | 400000 mm | 2553780000 | 4050118563917 | 1    |
| CBSh-SP 2-12/400 T      | Cable Conduit Spiral   |                |                       | 400000 mm | 2553720000 | 4050118563856 | 1    |
| CBSh-SP 2-12/400 B      | Cable Conduit Spiral   |                |                       | 400000 mm | 2553820000 | 4050118563955 | 1    |
| CBSh-SP 18-140/60 T     | Cable Conduit Spiral   |                |                       | 60000 mm  | 2553770000 | 4050118563900 | 1    |
| CBSh-SP 14-120/100 V2 T | Cable Conduit Spiral   |                |                       | 100000 mm | 2553810000 | 4050118563948 | 1    |
| CBSh-SP 14-120/100 T    | Cable Conduit Spiral   |                |                       | 100000 mm | 2553760000 | 4050118563894 | 1    |
| CBSh-SP 14-120/100 B    | Cable Conduit Spiral   |                |                       | 100000 mm | 2553860000 | 4050118563993 | 1    |
| CBSh-SP 12-100/100 V2 T | Cable Conduit Spiral   |                |                       | 100000 mm | 2553800000 | 4050118563931 | 1    |
| CBSh-SP 12-100/100 T    | Cable Conduit Spiral   |                |                       | 100000 mm | 2553750000 | 4050118563887 | 1    |
| CBSh-SP 12-100/100 B    | Cable Conduit Spiral   |                |                       | 100000 mm | 2553850000 | 4050118563986 | 1    |
| CBSh-FB 5-10/200        | Cable Conduit Fibre    |                |                       | 100000 mm | 2553670000 | 4050118563801 | 1    |
| CBSh-FB 50-75/50        | Cable Conduit Fibre    |                |                       | 50000 mm  | 2553710000 | 4050118563849 | 1    |
| CBSh-FB 30-45/100       | Cable Conduit Fibre    |                |                       | 100000 mm | 2553700000 | 4050118563832 | 1    |
| CBSh-FB 20-30/100       | Cable Conduit Fibre    |                |                       | 100000 mm | 2553690000 | 4050118563825 | 1    |
| CBSh-FB 10-18/200       | Cable Conduit Fibre    |                |                       | 200000 mm | 2553680000 | 4050118563818 | 1    |
| CBSh 8/100              | Cable Conduit          |                |                       | 100000 mm | 2553870000 | 4050118564006 | 1    |
| CBSh 25/20              | Cable Conduit          |                |                       | 20000 mm  | 2553900000 | 4050118564037 | 1    |
| CBSh 20/30              | Cable Conduit          |                |                       | 30000 mm  | 2553890000 | 4050118564020 | 1    |
| CBSh 15/50              | Cable Conduit          |                |                       | 50000 mm  | 2553880000 | 4050118564013 | 1    |

Technical data

| Type                                        | Product type                | Height / Width | Slit width / Slit gap | Length  | Order No.  | EAN           | Qty. |
|---------------------------------------------|-----------------------------|----------------|-----------------------|---------|------------|---------------|------|
| Accessories cable duct lid                  |                             |                |                       |         |            |               |      |
| CD-LID 80                                   | Cable Duct Lid              | 80 mm          |                       | 2000 mm | 2554270000 | 4050118564396 | 1    |
| CD-LID 75 L                                 | Cable Duct Lid              | 75 mm          |                       | 2000 mm | 2553580000 | 4050118563719 | 1    |
| CD-LID 75 D                                 | Cable Duct Lid              | 75 mm          |                       | 2000 mm | 2553640000 | 4050118563771 | 1    |
| CD-LID 75                                   | Cable Duct Lid              | 75 mm          |                       | 2000 mm | 2554260000 | 4050118564389 | 1    |
| CD-LID 60                                   | Cable Duct Lid              | 60 mm          |                       | 2000 mm | 2554250000 | 4050118564372 | 1    |
| CD-LID 50 L                                 | Cable Duct Lid              | 50 mm          |                       | 2000 mm | 2553570000 | 4050118563702 | 1    |
| CD-LID 50 D                                 | Cable Duct Lid              | 50 mm          |                       | 2000 mm | 2553630000 | 4050118563784 | 1    |
| CD-LID 50                                   | Cable Duct Lid              | 50 mm          |                       | 2000 mm | 2554240000 | 4050118564365 | 1    |
| CD-LID 40                                   | Cable Duct Lid              | 40 mm          |                       | 2000 mm | 2554230000 | 4050118564358 | 1    |
| CD-LID 37.5 L                               | Cable Duct Lid              | 37.5 mm        |                       | 2000 mm | 2553560000 | 4050118563696 | 1    |
| CD-LID 37.5 D                               | Cable Duct Lid              | 37.5 mm        |                       | 2000 mm | 2553620000 | 4050118563757 | 1    |
| CD-LID 37.5                                 | Cable Duct Lid              | 37.5 mm        |                       | 2000 mm | 2554220000 | 4050118564341 | 1    |
| CD-LID 25 L                                 | Cable Duct Lid              | 25 mm          |                       | 2000 mm | 2553550000 | 4050118563689 | 1    |
| CD-LID 25 D                                 | Cable Duct Lid              | 25 mm          |                       | 2000 mm | 2553610000 | 4050118563740 | 1    |
| CD-LID 25                                   | Cable Duct Lid              | 25 mm          |                       | 2000 mm | 2554210000 | 4050118564334 | 1    |
| CD-LID 200                                  | Cable Duct Lid              | 200 mm         |                       | 2000 mm | 2554320000 | 4050118564440 | 1    |
| CD-LID 150                                  | Cable Duct Lid              | 150 mm         |                       | 2000 mm | 2554310000 | 4050118564433 | 1    |
| CD-LID 15                                   | Cable Duct Lid              | 15 mm          |                       | 2000 mm | 2554200000 | 4050118564327 | 1    |
| CD-LID 125 L                                | Cable Duct Lid              | 125 mm         |                       | 2000 mm | 2553600000 | 4050118563733 | 1    |
| CD-LID 125 D                                | Cable Duct Lid              | 125 mm         |                       | 2000 mm | 2553660000 | 4050118563795 | 1    |
| CD-LID 125                                  | Cable Duct Lid              | 125 mm         |                       | 2000 mm | 2554300000 | 4050118564426 | 1    |
| CD-LID 120                                  | Cable Duct Lid              | 120 mm         |                       | 2000 mm | 2554290000 | 4050118564419 | 1    |
| CD-LID 100 L                                | Cable Duct Lid              | 100 mm         |                       | 2000 mm | 2553590000 | 4050118563726 | 1    |
| CD-LID 100 D                                | Cable Duct Lid              | 100 mm         |                       | 2000 mm | 2553650000 | 4050118563788 | 1    |
| CD-LID 100                                  | Cable Duct Lid              | 100 mm         |                       | 2000 mm | 2554280000 | 4050118564402 | 1    |
| Accessories cable duct holder and separator |                             |                |                       |         |            |               |      |
| RXRV 6.5                                    | Expanding Rivet             |                |                       |         | 2562690000 | 4050118571639 | 1000 |
| RXRV 4.5                                    | Expanding Rivet             |                |                       |         | 2562700000 | 4050118571622 | 1000 |
| RXRV-T 6.5                                  | Expanding Rivet Tool        |                |                       |         | 2562710000 | 4050118571615 | 4    |
| RXRV-T 4.5                                  | Expanding Rivet Tool        |                |                       |         | 2562720000 | 4050118571578 | 4    |
| CD-SCCV                                     | Cable Duct Screw Cover      |                |                       |         | 2554000000 | 4050118564136 | 1000 |
| CD-RETA 60                                  | Cable Duct Retainer T-Form  |                |                       |         | 2554100000 | 4050118564228 | 25   |
| CD-RETA 40                                  | Cable Duct Retainer T-Form  |                |                       |         | 2554090000 | 4050118564211 | 40   |
| CD-RETT                                     | Cable Duct Retainer Arm     |                |                       |         | 2554080000 | 4050118564204 | 100  |
| CD-RET 80                                   | Cable Duct Retainer         |                |                       |         | 2554050000 | 4050118564174 | 400  |
| CD-RET 60                                   | Cable Duct Retainer         |                |                       |         | 2554030000 | 4050118564167 | 500  |
| CD-RET 40                                   | Cable Duct Retainer         |                |                       |         | 2554020000 | 4050118564150 | 500  |
| CD-RET 125                                  | Cable Duct Retainer         |                |                       |         | 2554070000 | 4050118564198 | 200  |
| CD-RET 100/120                              | Cable Duct Retainer         |                |                       |         | 2554060000 | 4050118564181 | 250  |
| CD-CTH                                      | Cable Duct Cable Tie holder |                |                       |         | 2554010000 | 4050118564143 | 100  |
| CD-SE 80                                    | Cable Duct Separator        | 80 /           |                       | 1000 mm | 2553980000 | 4050118564112 | 16   |
| CD-SE 60                                    | Cable Duct Separator        | 60 /           |                       | 1000 mm | 2553960000 | 4050118564099 | 25   |
| CD-SE 40/2                                  | Cable Duct Separator        | 40 /           |                       | 1000 mm | 2553950000 | 4050118564082 | 30   |
| CD-SE 40                                    | Cable Duct Separator        | 40 /           |                       | 1000 mm | 2553970000 | 4050118564105 | 30   |
| CD-SE 100                                   | Cable Duct Separator        | 100 /          |                       | 1000 mm | 2553990000 | 4050118564129 | 16   |

# 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 IP 55 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 IP 55
- 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](http://www.weidmueller.com/filterfans)

### Technical data

| Type               | Supply voltage | Protection degree | Colour | Order No.  | EAN           | Qty. |
|--------------------|----------------|-------------------|--------|------------|---------------|------|
| Exhaust Filter     |                |                   |        |            |               |      |
| EF 10 54/ BK       |                | IP54              | Black  | 2557080000 | 4050118567717 | 1    |
| EF 10 54/ GY       |                | IP54              | Grey   | 2557070000 | 4050118567700 | 1    |
| EF 20 54/ BK       |                | IP54              | Black  | 2557100000 | 4050118567731 | 1    |
| EF 20 54/ GY       |                | IP54              | Grey   | 2557090000 | 4050118567724 | 1    |
| EF 20 55/ BK       |                | IP55              | Black  | 2557120000 | 4050118567755 | 1    |
| EF 20 55/ GY       |                | IP55              | Grey   | 2557110000 | 4050118567748 | 1    |
| EF 30 54/ BK       |                | IP54              | Black  | 2557140000 | 4050118567779 | 1    |
| EF 30 54/ GY       |                | IP54              | Grey   | 2557130000 | 4050118567762 | 1    |
| EF 30 55/ BK       |                | IP55              | Black  | 2557160000 | 4050118567793 | 1    |
| EF 30 55/ GY       |                | IP55              | Grey   | 2557150000 | 4050118567786 | 1    |
| EF 40 54/ BK       |                | IP54              | Black  | 2557180000 | 4050118567816 | 1    |
| EF 40 54/ GY       |                | IP54              | Grey   | 2557170000 | 4050118567809 | 1    |
| EF 40 55/ BK       |                | IP55              | Black  | 2557200000 | 4050118567830 | 1    |
| EF 40 55/ GY       |                | IP55              | Grey   | 2557190000 | 4050118567823 | 1    |
| EF 60 54/ BK       |                | IP54              | Black  | 2557220000 | 4050118567854 | 1    |
| EF 60 54/ GY       |                | IP54              | Grey   | 2557210000 | 4050118567847 | 1    |
| EF 60 55/ BK       |                | IP55              | Black  | 2557240000 | 4050118567878 | 1    |
| EF 60 55/ GY       |                | IP55              | Grey   | 2557230000 | 4050118567861 | 1    |
| Exhaust Filter EMC |                |                   |        |            |               |      |
| EF-EMC 10 54/ BK   |                | IP54              | Black  | 2557560000 | 4050118568202 | 1    |
| EF-EMC 10 54/ GY   |                | IP54              | Grey   | 2557550000 | 4050118568196 | 1    |
| EF-EMC 20 54/ BK   |                | IP54              | Black  | 2557580000 | 4050118568226 | 1    |
| EF-EMC 20 54/ GY   |                | IP54              | Grey   | 2557570000 | 4050118568219 | 1    |
| EF-EMC 20 55/ BK   |                | IP55              | Black  | 2557600000 | 4050118568240 | 1    |
| EF-EMC 20 55/ GY   |                | IP55              | Grey   | 2557590000 | 4050118568233 | 1    |
| EF-EMC 30 54/ BK   |                | IP54              | Black  | 2557620000 | 4050118568264 | 1    |
| EF-EMC 30 54/ GY   |                | IP54              | Grey   | 2557610000 | 4050118568257 | 1    |
| EF-EMC 30 55/ BK   |                | IP55              | Black  | 2557640000 | 4050118568288 | 1    |
| EF-EMC 30 55/ GY   |                | IP55              | Grey   | 2557630000 | 4050118568271 | 1    |
| EF-EMC 40 54/ BK   |                | IP54              | Black  | 2557660000 | 4050118568301 | 1    |
| EF-EMC 40 54/ GY   |                | IP54              | Grey   | 2557650000 | 4050118568295 | 1    |
| EF-EMC 40 55/ BK   |                | IP55              | Black  | 2557680000 | 4050118568325 | 1    |
| EF-EMC 40 55/ GY   |                | IP55              | Grey   | 2557670000 | 4050118568318 | 1    |
| EF-EMC 60 54/ BK   |                | IP54              | Black  | 2557700000 | 4050118568349 | 1    |
| EF-EMC 60 54/ GY   |                | IP54              | Grey   | 2557690000 | 4050118568332 | 1    |
| EF-EMC 60 55/ BK   |                | IP55              | Black  | 2557720000 | 4050118568363 | 1    |
| EF-EMC 60 55/ GY   |                | IP55              | Grey   | 2557710000 | 4050118568356 | 1    |
| Filter Fan         |                |                   |        |            |               |      |
| FF 11 54/230V BK   | 230...230 V    | IP54              | Black  | 2556590000 | 4050118567212 | 1    |
| FF 11 54/230V GY   | 230...230 V    | IP54              | Grey   | 2556690000 | 4050118567205 | 1    |
| FF 22 54/230V BK   | 230...230 V    | IP54              | Black  | 2556630000 | 4050118567250 | 1    |
| FF 22 54/230V GY   | 230...230 V    | IP54              | Grey   | 2556620000 | 4050118567243 | 1    |
| FF 22 55/230V BK   | 230...230 V    | IP55              | Black  | 2556650000 | 4050118567274 | 1    |
| FF 22 55/230V GY   | 230...230 V    | IP55              | Grey   | 2556640000 | 4050118567267 | 1    |
| FF 32 54/230V BK   | 230...230 V    | IP54              | Black  | 2556690000 | 4050118567311 | 1    |
| FF 32 54/230V GY   | 230...230 V    | IP54              | Grey   | 2556680000 | 4050118567304 | 1    |
| FF 32 55/230V BK   | 230...230 V    | IP55              | Black  | 2556710000 | 4050118567335 | 1    |
| FF 32 55/230V GY   | 230...230 V    | IP55              | Grey   | 2556700000 | 4050118567328 | 1    |
| FF 42 54/230V BK   | 230...230 V    | IP54              | Black  | 2556760000 | 4050118567380 | 1    |
| FF 42 54/230V GY   | 230...230 V    | IP54              | Grey   | 2556750000 | 4050118567373 | 1    |
| FF 42 55/230V BK   | 230...230 V    | IP55              | Black  | 2556780000 | 4050118567403 | 1    |
| FF 42 55/230V GY   | 230...230 V    | IP55              | Grey   | 2556770000 | 4050118567397 | 1    |

Technical data

| Type                 | Supply voltage | Protection degree | Colour | Order No.  | EAN           | Qty. |
|----------------------|----------------|-------------------|--------|------------|---------------|------|
| Filter Fan           |                |                   |        |            |               |      |
| FF 43 54/230V BK     | 230...230 V    | IP54              | Black  | 2556830000 | 4050118567458 | 1    |
| FF 43 54/230V GY     | 230...230 V    | IP54              | Grey   | 2556820000 | 4050118567441 | 1    |
| FF 43 55/230V BK     | 230...230 V    | IP55              | Black  | 2556850000 | 4050118567472 | 1    |
| FF 43 55/230V GY     | 230...230 V    | IP55              | Grey   | 2556840000 | 4050118567465 | 1    |
| FF 65 54/230V BK     | 230...230 V    | IP54              | Black  | 2556880000 | 4050118567502 | 1    |
| FF 65 54/230V GY     | 230...230 V    | IP54              | Grey   | 2556870000 | 4050118567496 | 1    |
| FF 65 55/230V BK     | 230...230 V    | IP55              | Black  | 2556900000 | 4050118567526 | 1    |
| FF 65 55/230V GY     | 230...230 V    | IP55              | Grey   | 2556890000 | 4050118567519 | 1    |
| FF 66 54/230V BK     | 230...230 V    | IP54              | Black  | 2556920000 | 4050118567540 | 1    |
| FF 66 54/230V GY     | 230...230 V    | IP54              | Grey   | 2556910000 | 4050118567533 | 1    |
| FF 66 55/230V BK     | 230...230 V    | IP55              | Black  | 2556940000 | 4050118567564 | 1    |
| FF 66 55/230V GY     | 230...230 V    | IP55              | Grey   | 2556930000 | 4050118567557 | 1    |
| FF 67 54/230V BK     | 230...230 V    | IP54              | Black  | 2556960000 | 4050118567588 | 1    |
| FF 67 54/230V GY     | 230...230 V    | IP54              | Grey   | 2556950000 | 4050118567571 | 1    |
| FF 67 55/230V BK     | 230...230 V    | IP55              | Black  | 2556980000 | 4050118567601 | 1    |
| FF 67 55/230V GY     | 230...230 V    | IP55              | Grey   | 2556970000 | 4050118567595 | 1    |
| Filter Fan EMC       |                |                   |        |            |               |      |
| FF-EMC 11 54/230V BK | 230...230 V    | IP54              | Black  | 2557260000 | 4050118567892 | 1    |
| FF-EMC 11 54/230V GY | 230...230 V    | IP54              | Grey   | 2557250000 | 4050118567885 | 1    |
| FF-EMC 22 54/230V BK | 230...230 V    | IP54              | Black  | 2557280000 | 4050118567915 | 1    |
| FF-EMC 22 54/230V GY | 230...230 V    | IP54              | Grey   | 2557270000 | 4050118567908 | 1    |
| FF-EMC 22 55/230V BK | 230...230 V    | IP55              | Black  | 2557300000 | 4050118567939 | 1    |
| FF-EMC 22 55/230V GY | 230...230 V    | IP55              | Grey   | 2557290000 | 4050118567922 | 1    |
| FF-EMC 32 54/230V BK | 230...230 V    | IP54              | Black  | 2557320000 | 4050118567953 | 1    |
| FF-EMC 32 54/230V GY | 230...230 V    | IP54              | Grey   | 2557310000 | 4050118567946 | 1    |
| FF-EMC 32 55/230V BK | 230...230 V    | IP55              | Black  | 2557340000 | 4050118567977 | 1    |
| FF-EMC 32 55/230V GY | 230...230 V    | IP55              | Grey   | 2557330000 | 4050118567960 | 1    |
| FF-EMC 42 54/230V BK | 230...230 V    | IP54              | Black  | 2557360000 | 4050118567991 | 1    |
| FF-EMC 42 54/230V GY | 230...230 V    | IP54              | Grey   | 2557350000 | 4050118567984 | 1    |
| FF-EMC 42 55/230V BK | 230...230 V    | IP55              | Black  | 2557380000 | 4050118568011 | 1    |
| FF-EMC 42 55/230V GY | 230...230 V    | IP55              | Grey   | 2557370000 | 4050118568004 | 1    |
| FF-EMC 43 54/230V BK | 230...230 V    | IP54              | Black  | 2557400000 | 4050118568035 | 1    |
| FF-EMC 43 54/230V GY | 230...230 V    | IP54              | Grey   | 2557390000 | 4050118568028 | 1    |
| FF-EMC 43 55/230V BK | 230...230 V    | IP55              | Black  | 2557420000 | 4050118568059 | 1    |
| FF-EMC 43 55/230V GY | 230...230 V    | IP55              | Grey   | 2557410000 | 4050118568042 | 1    |
| FF-EMC 65 54/230V BK | 230...230 V    | IP54              | Black  | 2557440000 | 4050118568073 | 1    |
| FF-EMC 65 54/230V GY | 230...230 V    | IP54              | Grey   | 2557430000 | 4050118568066 | 1    |
| FF-EMC 65 55/230V BK | 230...230 V    | IP55              | Black  | 2557460000 | 4050118568097 | 1    |
| FF-EMC 65 55/230V GY | 230...230 V    | IP55              | Grey   | 2557450000 | 4050118568080 | 1    |
| FF-EMC 66 54/230V BK | 230...230 V    | IP54              | Black  | 2557480000 | 4050118568127 | 1    |
| FF-EMC 66 54/230V GY | 230...230 V    | IP54              | Grey   | 2557470000 | 4050118568103 | 1    |
| FF-EMC 66 55/230V BK | 230...230 V    | IP55              | Black  | 2557500000 | 4050118568141 | 1    |
| FF-EMC 66 55/230V GY | 230...230 V    | IP55              | Grey   | 2557490000 | 4050118568134 | 1    |
| FF-EMC 67 54/230V BK | 230...230 V    | IP54              | Black  | 2557520000 | 4050118568165 | 1    |
| FF-EMC 67 54/230V GY | 230...230 V    | IP54              | Grey   | 2557510000 | 4050118568158 | 1    |
| FF-EMC 67 55/230V BK | 230...230 V    | IP55              | Black  | 2557540000 | 4050118568189 | 1    |
| FF-EMC 67 55/230V GY | 230...230 V    | IP55              | Grey   | 2557530000 | 4050118568172 | 1    |

Technical data

| Type                          | Supply voltage | Protection degree | Colour | Order No.  | EAN           | Qty. |
|-------------------------------|----------------|-------------------|--------|------------|---------------|------|
| Filter Fan Filter mat         |                |                   |        |            |               |      |
| FF-FIMT 11 54                 |                | IP54              | White  | 2556600000 | 4050118567229 | 5    |
| FF-FIMT 2x 54                 |                | IP54              | White  | 2556660000 | 4050118567281 | 5    |
| FF-FIMT 2x 55                 |                | IP55              | White  | 2556670000 | 4050118567298 | 5    |
| FF-FIMT 3x 54                 |                | IP54              | White  | 2556720000 | 4050118567342 | 5    |
| FF-FIMT 3x 55                 |                | IP55              | White  | 2556730000 | 4050118567359 | 5    |
| FF-FIMT 4x 54                 |                | IP54              | White  | 2556790000 | 4050118567410 | 5    |
| FF-FIMT 4x 55                 |                | IP55              | White  | 2556800000 | 4050118567427 | 5    |
| FF-FIMT 6x 55                 |                | IP55              | White  | 2557050000 | 4050118567687 | 5    |
| Roof Filter Fan Filter mat    |                |                   |        |            |               |      |
| RFF-FIMT 605x 54              |                | IP54              | Black  | 2557750000 | 4050118568394 | 20   |
| RFF-FIMT 607/610 54           |                | IP54              | White  | 2557790000 | 4050118568431 | 20   |
| Filter Fan Slim Line          |                |                   |        |            |               |      |
| FF-SL 65 55/230V BK           | 230...230 V    | IP55              | Black  | 2557010000 | 4050118567649 | 1    |
| FF-SL 65 55/230V GY           | 230...230 V    | IP55              | Grey   | 2557000000 | 4050118567632 | 1    |
| FF-SL 67 55/230V BK           | 230...230 V    | IP55              | Black  | 2557040000 | 4050118567670 | 1    |
| FF-SL 67 55/230V GY           | 230...230 V    | IP55              | Grey   | 2557030000 | 4050118567663 | 1    |
| Filter Fan Spare part         |                |                   |        |            |               |      |
| FF-SP 11/230V                 | 230...230 V    |                   | Black  | 2556610000 | 4050118567236 | 1    |
| FF-SP 3x/230V                 | 230...230 V    |                   | Black  | 2556740000 | 4050118567366 | 1    |
| FF-SP 43/230V                 | 230...230 V    |                   | Black  | 2556860000 | 4050118567489 | 1    |
| FF-SP 4x/230V                 | 230...230 V    |                   | Black  | 2556810000 | 4050118567434 | 1    |
| FF-SP 65/230V                 | 230...230 V    |                   | Black  | 2557020000 | 4050118567656 | 1    |
| FF-SP 67/230V                 | 230...230 V    |                   | Black  | 2556990000 | 4050118567618 | 1    |
| FF-SP 67/230V SL              | 230...230 V    |                   | Black  | 2557060000 | 4050118567694 | 1    |
| Fan Heater Terminal connected |                |                   |        |            |               |      |
| FH-TCO 1000W 230V BK          | 230...230 V    |                   | Black  | 2558070000 | 4050118568714 | 1    |
| FH-TCO 1200W 230V BK          | 230...230 V    |                   | Black  | 2558080000 | 4050118568721 | 1    |
| FH-TCO 200W 230V BK           | 230...230 V    |                   | Black  | 2558010000 | 4050118568653 | 1    |
| FH-TCO 250W 230V              | 230...230 V    |                   | Silver | 2557990000 | 4050118568639 | 1    |
| FH-TCO 300W 230V BK           | 230...230 V    |                   | Black  | 2558020000 | 4050118568660 | 1    |
| FH-TCO 400W 230V              | 230...230 V    |                   | Silver | 2558000000 | 4050118568646 | 1    |
| FH-TCO 400W 230V BK           | 230...230 V    |                   | Black  | 2558030000 | 4050118568677 | 1    |
| FH-TCO 500W 230V BK           | 230...230 V    |                   | Black  | 2558040000 | 4050118568684 | 1    |
| FH-TCO 650W 230V BK           | 230...230 V    |                   | Black  | 2558050000 | 4050118568691 | 1    |
| FH-TCO 800W 230V BK           | 230...230 V    |                   | Black  | 2558060000 | 4050118568707 | 1    |

Technical data

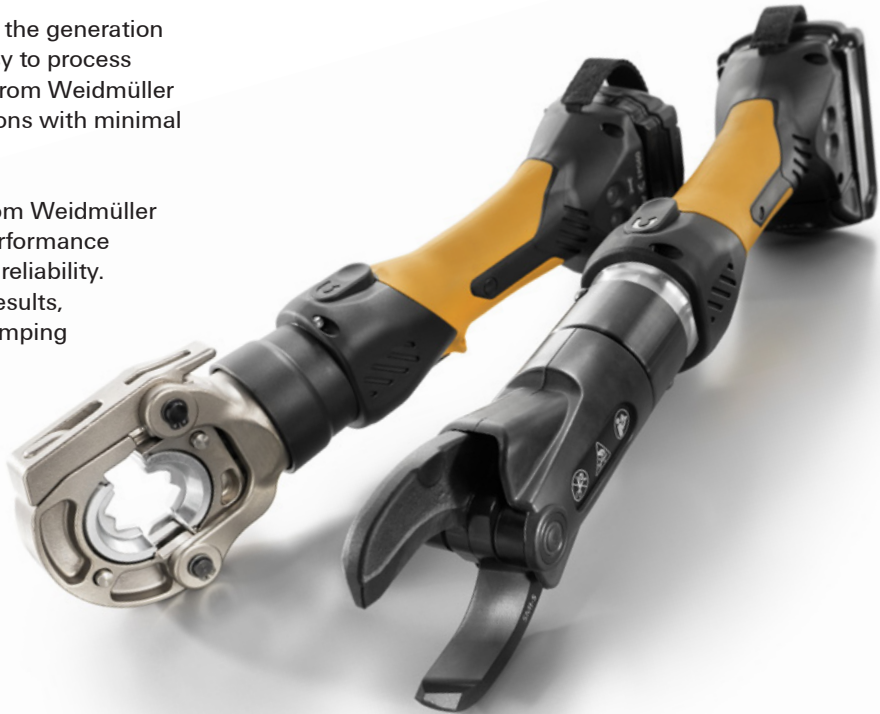
| Type                             | Supply voltage | Protection degree | Colour     | Order No.  | EAN           | Qty. |
|----------------------------------|----------------|-------------------|------------|------------|---------------|------|
| Fan Heater Controlled            |                |                   |            |            |               |      |
| FH-TH 1000W 230V BK              | 230...230 V    |                   | Black      | 2558150000 | 4050118568806 | 1    |
| FH-TH 1200W 230V BK              | 230...230 V    |                   | Black      | 2558160000 | 4050118568813 | 1    |
| FH-TH 200W 230V BK               | 230...230 V    |                   | Black      | 2558090000 | 4050118568738 | 1    |
| FH-TH 300W 230V BK               | 230...230 V    |                   | Black      | 2558100000 | 4050118568745 | 1    |
| FH-TH 400W 230V BK               | 230...230 V    |                   | Black      | 2558110000 | 4050118568769 | 1    |
| FH-TH 500W 230V BK               | 230...230 V    |                   | Black      | 2558120000 | 4050118568776 | 1    |
| FH-TH 650W 230V BK               | 230...230 V    |                   | Black      | 2558130000 | 4050118568783 | 1    |
| FH-TH 800W 230V BK               | 230...230 V    |                   | Black      | 2558140000 | 4050118568790 | 1    |
| Roof Exhaust Filter              |                |                   |            |            |               |      |
| REF 600 33/ GY                   |                | IP33              | Grey       | 2557850000 | 4050118568493 | 1    |
| REF 600 54/ GY                   |                | IP54              | Grey       | 2557840000 | 4050118568486 | 1    |
| Roof Filter Fan                  |                |                   |            |            |               |      |
| RFF 605 33/230V GY               | 230...230 V    | IP33              | Grey       | 2557740000 | 4050118568387 | 1    |
| RFF 605 54/230V GY               | 230...230 V    | IP54              | Grey       | 2557730000 | 4050118568370 | 1    |
| RFF 607 33/230V GY               | 230...230 V    | IP33              | Grey       | 2557780000 | 4050118568424 | 1    |
| RFF 607 54/230V GY               | 230...230 V    | IP54              | Grey       | 2557770000 | 4050118568417 | 1    |
| RFF 610 33/230V GY               | 230...230 V    | IP33              | Grey       | 2557820000 | 4050118568462 | 1    |
| RFF 610 54/230V GY               | 230...230 V    | IP54              | Grey       | 2557810000 | 4050118568455 | 1    |
| Roof Filter Fan Spare part       |                |                   |            |            |               |      |
| RFF-SP 605/230V                  | 230...230 V    |                   | Black      | 2557760000 | 4050118568400 | 1    |
| RFF-SP 607/230V                  | 230...230 V    |                   | Black      | 2557800000 | 4050118568448 | 1    |
| RFF-SP 66/610/230V               | 230...230 V    |                   | Black      | 2557830000 | 4050118568479 | 1    |
| Radiant Heater Cable connected   |                |                   |            |            |               |      |
| RH-CBCO 100W 110-250V            | 110...250 V    |                   | Silver     | 2557940000 | 4050118568585 | 1    |
| RH-CBCO 10W 110-250V BK          | 110...250 V    |                   | Black      | 2557860000 | 4050118568509 | 1    |
| RH-CBCO 150W 110-250V            | 110...250 V    |                   | Silver     | 2557950000 | 4050118568592 | 1    |
| RH-CBCO 20W 110-250V BK          | 110...250 V    |                   | Black      | 2557870000 | 4050118568516 | 1    |
| RH-CBCO 30W 110-250V             | 110...250 V    |                   | Silver     | 2557890000 | 4050118568530 | 1    |
| RH-CBCO 30W 110-250V BK          | 110...250 V    |                   | Black      | 2557880000 | 4050118568523 | 1    |
| RH-CBCO 45W 110-250V             | 110...250 V    |                   | Silver     | 2557900000 | 4050118568547 | 1    |
| RH-CBCO 75W 110-250V             | 110...250 V    |                   | Silver     | 2557930000 | 4050118568578 | 1    |
| Radiant Heater Terminal onnected |                |                   |            |            |               |      |
| RH-TCO 100W 110-250V             | 110...250 V    |                   | Silver     | 2557970000 | 4050118568615 | 1    |
| RH-TCO 150W 110-250V             | 110...250 V    |                   | Silver     | 2557980000 | 4050118568622 | 1    |
| RH-TCO 30W 110-250V              | 110...250 V    |                   | Silver     | 2557910000 | 4050118568554 | 1    |
| RH-TCO 45W 110-250V              | 110...250 V    |                   | Silver     | 2557920000 | 4050118568561 | 1    |
| RH-TCO 75W 110-250V              | 110...250 V    |                   | Silver     | 2557960000 | 4050118568608 | 1    |
| Thermostat                       |                |                   |            |            |               |      |
| THSW 0°+60°C NC                  |                |                   | grey white | 2558230000 | 4050118568882 | 1    |
| THSW 0°+60°C NC/NC               |                |                   | grey white | 2558260000 | 4050118568912 | 1    |
| THSW 0°+60°C NO                  |                |                   | grey white | 2558240000 | 4050118568899 | 1    |
| THSW 0°+60°C NO/NC               |                |                   | grey white | 2558250000 | 4050118568905 | 1    |
| THSW 1K 0°+60°C CO               |                |                   | grey white | 2558190000 | 4050118568844 | 1    |
| THSW 1K -20°+40°C CO             |                |                   | grey white | 2558170000 | 4050118568820 | 1    |
| THSW -20°+40°C NC                |                |                   | grey white | 2558210000 | 4050118568868 | 1    |
| THSW -20°+40°C NO                |                |                   | grey white | 2558220000 | 4050118568875 | 1    |
| THSW 3K 0°+60°C CO               |                |                   | grey white | 2558200000 | 4050118568851 | 1    |
| THSW 3K -20°+40°C CO             |                |                   | grey white | 2558180000 | 4050118568837 | 1    |
| Hygrostat                        |                |                   |            |            |               |      |
| HYSW 40-90% r.F. CO              |                |                   | grey white | 2558270000 | 4050118568929 | 1    |
| Temperature Hygrostat            |                |                   |            |            |               |      |
| HYTH-SW 40-90% r.F. CO           |                |                   | grey white | 2558280000 | 4050118568936 | 1    |

# Convenient processing of large cross-sections

## Handheld battery-operated hydraulic tools for crimping and cutting

Cables with large cross-sections are used in the generation and distribution of electricity. It must be easy to process and reliably connect them. Handheld tools from Weidmüller guarantee safe and resilient crimp connections with minimal contact resistance.

The new battery-powered hydraulic tools from Weidmüller offer distinguished ergonomics and high performance to meet market requirements for safety and reliability. With superior crimp shapes, clean cutting results, comfortable documentation, and various crimping dies to process cable cross-sections up to 300 mm², they enable the highest processing quality at every work step.



### Your special advantages

- Large cross-section up to 300 mm²
- Internal memory for documenting all crimps and cuts
- Automatic pressure limitation and sensor monitoring for precise results
- Superior WM-crimp form, hexagon and double indent, for optimum quality with little effort
- Suitable die sets to process various standard cable lugs from Weidmüller range



[www.weidmueller.com/epg](http://www.weidmueller.com/epg)

### Technical data

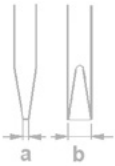
| Type                    | Identification number | Crimp cross-section copper | Crimp cross-section aluminium | Crimping width | Order No.  | EAN           | Qty. |
|-------------------------|-----------------------|----------------------------|-------------------------------|----------------|------------|---------------|------|
| EPG CUT 40              |                       |                            |                               |                | 2453830000 | 4050118468410 | 1    |
| EPG 60                  |                       |                            |                               |                | 2453810000 | 4050118468434 | 1    |
| WM-shape crimp inserts  |                       |                            |                               |                |            |               |      |
| ES EPG 60 WM 6          |                       | 6                          |                               | 7 mm           | 2469380000 | 4050118532937 | 1    |
| ES EPG 60 WM 10         |                       | 10                         |                               | 7 mm           | 2469540000 | 4050118483819 | 1    |
| ES EPG 60 WM 16         |                       | 16                         |                               | 7 mm           | 2469550000 | 4050118483833 | 1    |
| ES EPG 60 WM 25         |                       | 25                         |                               | 12 mm          | 2469560000 | 4050118483840 | 1    |
| ES EPG 60 WM 35         |                       | 35                         |                               | 5 mm           | 2469570000 | 4050118483826 | 1    |
| ES EPG 60 WM 50         |                       | 50                         |                               | 5 mm           | 2469580000 | 4050118483864 | 1    |
| ES EPG 60 WM 70         |                       | 70                         |                               | 5 mm           | 2469590000 | 4050118483857 | 1    |
| ES EPG 60 WM 95         |                       | 95                         |                               | 5 mm           | 2469600000 | 4050118483895 | 1    |
| ES EPG 60 WM 120        |                       | 120                        |                               | 5 mm           | 2469610000 | 4050118484007 | 1    |
| ES EPG 60 WM 150        |                       | 150                        |                               | 5 mm           | 2469620000 | 4050118483871 | 1    |
| ES EPG 60 WM 185        |                       | 185                        |                               | 5 mm           | 2469630000 | 4050118484038 | 1    |
| ES EPG 60 WM 240        |                       | 240                        |                               | 5 mm           | 2469640000 | 4050118484052 | 1    |
| ES EPG 60 WM 300        |                       | 300                        |                               | 5 mm           | 2469650000 | 4050118484045 | 1    |
| Hexagonal crimp inserts |                       |                            |                               |                |            |               |      |
| ES EPG 60 HEX 6         | 5                     | 6                          |                               | 7 mm           | 2505150000 | 4050118519532 | 1    |
| ES EPG 60 HEX 10        | 6                     | 10                         |                               | 7 mm           | 2505160000 | 4050118519556 | 1    |
| ES EPG 60 HEX 16        | 8                     | 16                         |                               | 5 mm           | 2505170000 | 4050118519549 | 1    |
| ES EPG 60 HEX 25        | 10                    | 25                         | 10                            | 5 mm           | 2505180000 | 4050118519570 | 1    |
| ES EPG 60 HEX 35        | 12                    | 35                         | 16+25                         | 5 mm           | 2505190000 | 4050118519587 | 1    |
| ES EPG 60 HEX 50        | 14                    | 50                         | 35                            | 5 mm           | 2505200000 | 4050118519600 | 1    |
| ES EPG 60 HEX 70        | 16                    | 70                         | 50                            | 5 mm           | 2505210000 | 4050118519594 | 1    |
| ES EPG 60 HEX 95        | 18                    | 95                         | 70                            | 5 mm           | 2505220000 | 4050118519563 | 1    |
| ES EPG 60 HEX 120       | 20                    | 120                        |                               | 5 mm           | 2505230000 | 4050118519624 | 1    |
| ES EPG 60 HEX 150       | 22                    | 150                        | 95+120                        | 5 mm           | 2505240000 | 4050118519631 | 1    |
| ES EPG 60 HEX 185       | 25                    | 185                        | 150                           | 5 mm           | 2505250000 | 4050118519617 | 1    |
| ES EPG 60 HEX 240       | 28                    | 240                        | 185                           | 5 mm           | 2505260000 | 4050118519648 | 1    |
| ES EPG 60 HEX 300       | 32                    | 300                        | 240                           | 5 mm           | 2505270000 | 4050118519655 | 1    |
| Indent crimp inserts    |                       |                            |                               |                |            |               |      |
| ES EPG 60 DIN 6         |                       | 6                          |                               | 5 mm           | 2505280000 | 4050118519662 | 1    |
| ES EPG 60 DIN 10        |                       | 10                         |                               | 7 mm           | 2505290000 | 4050118519723 | 1    |
| ES EPG 60 DIN 16        |                       | 16                         |                               | 10 mm          | 2505300000 | 4050118519709 | 1    |
| ES EPG 60 DIN 25        |                       | 25                         |                               | 10 mm          | 2505310000 | 4050118519693 | 1    |
| ES EPG 60 DIN 35        |                       | 35                         |                               | 10 mm          | 2505320000 | 4050118519679 | 1    |
| ES EPG 60 DIN 50        |                       | 50                         |                               | 12 mm          | 2505330000 | 4050118519686 | 1    |
| ES EPG 60 DIN 70        |                       | 70                         |                               | 12 mm          | 2505340000 | 4050118519716 | 1    |
| ES EPG 60 DIN 95        |                       | 95                         |                               | 16 mm          | 2505350000 | 4050118519730 | 1    |
| ES EPG 60 DIN 120       |                       | 120                        |                               | 16 mm          | 2505360000 | 4050118519747 | 1    |
| Accessories             |                       |                            |                               |                |            |               |      |
| AKKU EPG                |                       |                            |                               |                | 1500840000 | 4050118309454 | 1    |
| LADEGERAET EPG          |                       |                            |                               |                | 1509370000 | 4050118318630 | 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 mechanics 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.



Technical data

| Type                 | Size/SF | Blade thickness (A) | Blade width (B) | Order No.  | EAN           | Qty. |
|----------------------|---------|---------------------|-----------------|------------|---------------|------|
| DMSI MANUELL 0,5-1,7 | 1.7     |                     |                 | 9918390000 | 4032248388356 | 1    |
| DMSI MANUELL 2,0-7,0 | 7       |                     |                 | 9918400000 | 4032248388363 | 1    |
| Bit holder           |         |                     |                 |            |               |      |
| WK I SLIM BIT        |         |                     |                 | 2489300000 | 4050118499353 | 1    |
| VDE slimBits         |         |                     |                 |            |               |      |
| WB SI SL 0.4X2.5     | 0.4     | 0.4                 | 2.5             | 2433160000 | 4050118443639 | 1    |
| WB SI SL 0.5X3.0     | 0.6     | 0.5                 | 3               | 2433170000 | 4050118443622 | 1    |
| WB SI SL 0.6X3.5     | 2.5     | 0.6                 | 3.5             | 2433180000 | 4050118443677 | 1    |
| WB SI SL 0.8x4.0     | 2.5     | 0.8                 | 4               | 2433190000 | 4050118443646 | 1    |
| WB SI SL 1.0x5.5     | 5.5     | 1                   | 5.5             | 2433200000 | 4050118443660 | 1    |
| WB IK SL PH1         | 3.8     |                     |                 | 2433210000 | 4050118443653 | 1    |
| WB IK SL PH2         | 5.5     |                     |                 | 2433220000 | 4050118443691 | 1    |
| WB IK SL PZ1         | 3.8     |                     |                 | 2433230000 | 4050118443806 | 1    |
| WB IK SL PZ2         | 5.5     |                     |                 | 2433240000 | 4050118443684 | 1    |
| WB I T10             | 3.8     |                     |                 | 2506000000 | 4050118520590 | 1    |
| WB I T15             | 5       |                     |                 | 2506010000 | 4050118520545 | 1    |
| WB I T20             | 5.5     |                     |                 | 2506020000 | 4050118520569 | 1    |
| WB I VK 1            | 5.5     |                     |                 | 2506030000 | 4050118520538 | 1    |
| WB I VK 2            | 5.5     |                     |                 | 2506040000 | 4050118520576 | 1    |
| WB I SK 2.5          | 3.8     |                     |                 | 2506050000 | 4050118520583 | 1    |
| WB I SK 3            | 5.5     |                     |                 | 2506060000 | 4050118520552 | 1    |
| WB I SK 4            | 5.5     |                     |                 | 2506070000 | 4050118520521 | 1    |
| WB I SK 5            | 5.5     |                     |                 | 2506080000 | 4050118520514 | 1    |

### Your special advantages

- Longer service life due to improved internal mechanics
- 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](http://www.weidmueller.com/slimbits)

## Easy conductor stripping and crimping in a single step

### Powered stripping and crimping machine for standard applications

The continuous acceleration of individual work steps is essential to achieving sustainable corporate success. Crimpfix E unifies conductor stripping and crimping into only one work step.

With Crimpfix E, Weidmüller expands the range of automated machines that speed up working processes to meet increasing industrial requirements. Its unique design allows for efficient cable assembly, especially in small and medium production batches. The modification of machine parameters to adapt to different cross-sections is particularly convenient. Crimpfix E operates with Weidmüller 8 mm wire end ferrules.



### Your special advantages

- Effortless modification of machine parameters for different cross-sections
- Integrated touch-screen for convenient display and configuration of machine settings
- Robust metal design for high durability
- Optimum crimping results with 8 mm standard wire end ferrules from Weidmüller in different color coding



[www.weidmueller.com/crimpfixe](http://www.weidmueller.com/crimpfixe)

#### Technical data

| Type       | Cross-section range       | Crimping length | Length of wire-end ferrule | Pulse time      | Order No.  | EAN           | Qty. |
|------------|---------------------------|-----------------|----------------------------|-----------------|------------|---------------|------|
| CRIMPFIX E | 0.5...2.5 mm <sup>2</sup> | 8 mm            | 14 mm                      | approx. 1.8 sec | 2439140000 | 4050118451917 | 1    |

# Service and support

|                            |                                                      |     |
|----------------------------|------------------------------------------------------|-----|
| <b>Service and support</b> | Our expertise for your requirements                  | V.2 |
|                            | Benefit from optimum support when using our products | V.4 |

# Our expertise for your requirements

## Service connects – worldwide

Automation technology functions are becoming more complex in a globally-oriented world facing ambitious targets in terms of energy efficiency and smart production. We are your equal partners for the best connections in Industrial Connectivity. Our 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 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.



Let's connect.

Visit our website  
for more information

[www.weidmueller.com/service](http://www.weidmueller.com/service)

# Benefit from optimum support when using our products

## Service connects – worldwide

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](http://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](http://www.weidmueller.com) and it will bring up the details you need.

### Online support and downloads

Exactly the right help and information on our solutions and products

From selection through to operation of our solutions and products in your application, you can access our web portal at any time, with a wide range of information material, software, product configurators and much more.



### 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.

### 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.

### Commercial support

Integrate our product data into your commercial sytem using standardised interfaces or familiarise yourself with the wide range of products in our technical catalogues.



#### Engineering data

Webcode #01219



#### Find downloads

Webcode #11379



#### Electronic catalogue in BMECat format and other formats

Webcode #11378



#### Product software

Webcode #01212



#### Products in the Online Catalogue

Webcode #01217



#### Access our Webshop

Webcode #11382



#### Whitepaper for device connectivity

Webcode #11359



#### Technical catalogue in PDF Format

Webcode #01218



#### Engineering software

Webcode #11377



#### Product configurators, product selection guides and samples

Webcode #01214

### More offers in online support and downloads

Not found what you are looking for? We have even more to offer you in online support and downloads.



#### 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.



# Index

|       |                     |      |
|-------|---------------------|------|
| Index | Index Type          | X.2  |
|       | Index Order No.     | X.6  |
|       | Addresses worldwide | X.14 |

| Type                  | Order No.  | Page |
|-----------------------|------------|------|
| ACT20P-VMR-1PH-H      | 7760054164 | 28   |
| ACT20P-VMR-3PH-LP-H   | 7760054165 | 28   |
| ACT20P-CMT-60-AD-RC-P | 1510290000 | 31   |
| ACT20P-CMT-30-AD-RC-P | 1510320000 | 31   |
| ACT20P-BRIDGE-P       | 2456820000 | 31   |
| ACT20P-UI-2CD-DC-P    | 2456840000 | 31   |
| ACT20P-UI-AO-DO-LP-P  | 2456850000 | 31   |
| ACT20P-AO-AD-DC-P     | 2456860000 | 31   |
| ACT20P-CML-10-AD-RC-P | 2489910000 | 31   |
| ACT20P-CI-CD-P        | 2489680000 | 31   |
| ACT20P-2CI-2CD-12-P   | 2489710000 | 31   |
| ACT20P-CI-V0-P        | 2489740000 | 31   |
| ACT20P-PRD DCDC II-P  | 1481960000 | 31   |
| ACT20P-2CI-2CD-ILP    | 7760054124 | 32   |
| ACT20P-CI-1-CD-OLP    | 7760054118 | 32   |
| ACT20P-CI-1-CD-OLP    | 7760054122 | 32   |
| ACT20P-CI-2-CD-OLP    | 7760054119 | 32   |
| ACT20P-VI-CD-OLP      | 7760054121 | 32   |
| ACT20P-VII-CD-OLP     | 7760054120 | 32   |
| ACT20C-CML-10-AD-RCS  | 2044840000 | 34   |
| ACT20C-CMT-10-AD-RCS  | 1510240000 | 34   |
| ACT20C-CMT-30-AD-RCS  | 1550030000 | 34   |
| ACT20C-CMT-60-AD-RCS  | 1510420000 | 34   |
| ACT20P-CML-10-AD-RCS  | 2044850000 | 34   |
| ACT20P-CML-10-AD-RC-P | 2489910000 | 34   |
| ACT20P-CMT-10-AD-RCS  | 1510470000 | 34   |
| ACT20P-CMT-10-AD-RC-P | 1510330000 | 34   |
| ACT20P-CMT-30-AD-RCS  | 1510540000 | 34   |
| ACT20P-CMT-30-AD-RC-P | 1510320000 | 34   |
| ACT20P-CMT-60-AD-RCS  | 1510440000 | 34   |
| ACT20P-CMT-60-AD-RC-P | 1510290000 | 34   |
| ACT20P-CMT-60-RCS     | 1510390000 | 34   |
| ACT20P-CMT-60-RC-P    | 1510280000 | 34   |
| AMG FIM-0             | 2081870000 | 37   |
| AMG FIM-C             | 2081880000 | 37   |
| AMG ELM-1F            | 2080420000 | 37   |
| AMG ELM-2F            | 2080480000 | 37   |
| AMG ELM-4F            | 2080490000 | 37   |
| AMG ELM-6F            | 2080500000 | 37   |
| AMG ELM-8F            | 2080600000 | 37   |
| AMG ELM-10F           | 2080650000 | 37   |
| AMG ELM-6             | 2080360000 | 37   |
| AMG ELM-12            | 2080410000 | 37   |
| AMG ELM-Q2222         | 2080750000 | 37   |
| AMG ELM-Q2244         | 2081650000 | 37   |
| AMG ELM-Q2266         | 2081820000 | 37   |
| AMG ELM-Q4444         | 2080880000 | 37   |
| AMG ELM-Q6666         | 2080920000 | 37   |
| AMG CM                | 2081900000 | 37   |
| AMG AM                | 2081890000 | 37   |
| AMG OD                | 2122910000 | 37   |
| AMG PD                | 2122920000 | 37   |
| AMG MD                | 2122930000 | 37   |
| AMG XMD               | 2122940000 | 37   |
| AMG DIS               | 2123050000 | 37   |
| AMG PP                | 2123000000 | 37   |
| AMG EP 2010           | 2495380000 | 37   |
| AMG EP KIT            | 2500760000 | 37   |
| AMG FIM-Q EX          | 2082530000 | 37   |
| AMG FIM-M EX          | 2082540000 | 37   |
| AMG ELM-1F EX         | 2082040000 | 37   |
| AMG ELM-2F EX         | 2082050000 | 37   |
| AMG ELM-4F EX         | 2082060000 | 37   |
| AMG ELM-6F EX         | 2082310000 | 37   |
| AMG ELM-8F EX         | 2082320000 | 37   |
| AMG ELM-10F EX        | 2082430000 | 37   |
| AMG ELM-6D CO         | 2082440000 | 37   |
| AMG ELM-100 CO        | 2082470000 | 37   |
| AMG ELM-6 EX          | 2082000000 | 37   |
| AMG ELM-12 EX         | 2082010000 | 37   |
| AMG CM EX             | 2083360000 | 37   |
| AMG AM CO             | 2082770000 | 37   |
| AMG OD EX             | 2495090000 | 37   |
| AMG PO EX             | 2495070000 | 37   |
| AMG MD EX             | 2495040000 | 37   |
| AMG XMD EX            | 2495080000 | 37   |
| AMG DIS EX            | 2495100000 | 37   |
| A2C 10 BL             | 2490370000 | 58   |
| A2C 10 PE             | 2490440000 | 58   |
| A2C 16                | 2494000000 | 58   |
| A2C 16 BL             | 2494100000 | 58   |
| A2C 16 PE             | 2494010000 | 58   |
| A3C 10                | 2490520000 | 58   |
| A3C 10 BL             | 2490510000 | 58   |
| A3C 10 PE             | 2490590000 | 58   |
| A3C 16                | 2494090000 | 58   |
| A3C 16 BL             | 2494080000 | 58   |
| A3C 16 PE             | 2494020000 | 58   |
| ALD 16                | 2502280000 | 58   |
| ALD 16 BL             | 2502320000 | 58   |
| AEP 2C 10/16          | 2493080000 | 58   |
| AEP 2C 10/16 BL       | 2493090000 | 58   |
| AEP 3C 10/16          | 2490530000 | 58   |
| AEP 3C 10/16 BL       | 2490540000 | 58   |
| A3T 2.5 BL            | 2428520000 | 60   |
| A3T 2.5 FT-PE         | 2428530000 | 60   |

| Type                    | Order No.  | Page |
|-------------------------|------------|------|
| A3T 2.5 N-FT-PE         | 2428840000 | 60   |
| A3T 2.5 PE              | 2428550000 | 60   |
| A3T 2.5 VL              | 2428540000 | 60   |
| A3T 2.5 VL BL           | 2428850000 | 60   |
| AEP 3T 2.5              | 2428560000 | 60   |
| AEP 3T 2.5 BL           | 2428860000 | 60   |
| A2T 1.5 BL              | 2471430000 | 62   |
| A2T 1.5 FT-PE           | 2469390000 | 62   |
| A2T 1.5 OR              | 2471440000 | 62   |
| A2T 1.5 PE              | 2469410000 | 62   |
| A2T 1.5 VL              | 2469400000 | 62   |
| A2T 1.5 VL BL           | 2471450000 | 62   |
| A2T 1.5 VL OR           | 2471460000 | 62   |
| AEP 2T 1.5              | 2469420000 | 62   |
| AEP 2T 1.5 BL           | 2471470000 | 62   |
| APGTB 1.5 FT 2C/1 BL    | 2482170000 | 66   |
| APGTB 1.5 PE 2C/1       | 2482220000 | 66   |
| APGTB 1.5 FT 3C/1       | 2482180000 | 66   |
| APGTB 1.5 FT 3C/1 BL    | 2482190000 | 66   |
| APGTB 1.5 PE 3C/1       | 2482230000 | 66   |
| APGTB 1.5 FT 4C/2       | 2482250000 | 66   |
| APGTB 1.5 FT 4C/2 BL    | 2482210000 | 66   |
| APGTB 1.5 PE 4C/2       | 2482220000 | 66   |
| APGTB 1.5 2T 4C/2       | 2485840000 | 66   |
| APGTB 1.5 2T 4C/2 BL    | 2485850000 | 66   |
| APGTB 1.5 2T FT-PE 4C/2 | 2485860000 | 66   |
| APGTB 1.5 2T PE 4C/2    | 2485870000 | 66   |
| APGTB 1.5 2T VL 4C/2    | 2485920000 | 66   |
| APGTB 1.5 2T VL 4C/2 BL | 2485930000 | 66   |
| APGTB 2.5 FT 2C/1       | 1513970000 | 66   |
| APGTB 2.5 FT 2C/1 BL    | 1513990000 | 66   |
| APGTB 2.5 PE 2C/1       | 2522720000 | 66   |
| APGTB 2.5 FT 3C/1       | 1514000000 | 66   |
| APGTB 2.5 FT 3C/1 BL    | 1514020000 | 66   |
| APGTB 2.5 PE 3C/1       | 1513890000 | 66   |
| APGTB 2.5 FT 4C/2       | 1514030000 | 66   |
| APGTB 2.5 FT 4C/2 BL    | 1514040000 | 66   |
| APGTB 2.5 PE 4C/2       | 1513920000 | 66   |
| APGTB 2.5 2T 4C/2       | 1548060000 | 66   |
| APGTB 2.5 2T 4C/2 BL    | 1548070000 | 66   |
| APGTB 2.5 2T FT-PE 4C/2 | 1548100000 | 66   |
| APGTB 2.5 2T PE 4C/2    | 1548160000 | 66   |
| APGTB 2.5 2T VL 4C/2    | 1548140000 | 66   |
| APGTB 2.5 2T VL 4C/2 BL | 1548150000 | 66   |
| AEP PGTB 1.5 4C/2       | 2482510000 | 67   |
| AEP PGTB 1.5 4C/2 BL    | 2482520000 | 67   |
| APG 1.5 L               | 2482250000 | 67   |
| APG 1.5 L BL            | 2482260000 | 67   |
| APG 1.5 L GN            | 2482270000 | 67   |
| APG 1.5 MI              | 2482280000 | 67   |
| APG 1.5 MI BL           | 2482290000 | 67   |
| APG 1.5 MI GN           | 2482300000 | 67   |
| APG 1.5 R               | 2482310000 | 67   |
| APG 1.5 R BL            | 2482320000 | 67   |
| APG 1.5 R GN            | 2482330000 | 67   |
| APG 1.5/1               | 2482340000 | 67   |
| APG 1.5/10              | 2482430000 | 67   |
| APG 1.5/2               | 2482350000 | 67   |
| APG 1.5/3               | 2482360000 | 67   |
| APG 1.5/3-BG-BL-GN      | 2482460000 | 67   |
| APG 1.5/4               | 2482370000 | 67   |
| APG 1.5/4-BBG-GN        | 2482450000 | 67   |
| APG 1.5/6               | 2482380000 | 67   |
| APG 1.5/5-BBG-BL-GN     | 2482440000 | 67   |
| APG 1.5/6               | 2482390000 | 67   |
| APG 1.5/7               | 2482400000 | 67   |
| APG 1.5/8               | 2482410000 | 67   |
| APG 1.5/9               | 2482420000 | 67   |
| AEP PGTB 2.5 4C/2       | 1514450000 | 67   |
| AEP PGTB 2.5 4C/2 BL    | 1514470000 | 67   |
| APG 2.5 L               | 1513830000 | 67   |
| APG 2.5 L BL            | 1513840000 | 67   |
| APG 2.5 L GN            | 1513850000 | 67   |
| APG 2.5 MI              | 1513880000 | 67   |
| APG 2.5 MI BL           | 1513900000 | 67   |
| APG 2.5 MI GN           | 1513930000 | 67   |
| APG 2.5 R               | 1513940000 | 67   |
| APG 2.5 R BL            | 1513950000 | 67   |
| APG 2.5 R GN            | 1513980000 | 67   |
| APG 2.5/1               | 1513720000 | 67   |
| APG 2.5/10              | 1513770000 | 67   |
| APG 2.5/2               | 1513640000 | 67   |
| APG 2.5/3               | 1513650000 | 67   |
| APG 2.5/3-BG-BL-GN      | 1513820000 | 67   |
| APG 2.5/4               | 1513670000 | 67   |
| APG 2.5/4-BBG-BL-GN     | 1513790000 | 67   |
| APG 2.5/6               | 1513680000 | 67   |
| APG 2.5/5-BBG-BL-GN     | 1513780000 | 67   |
| APG 2.5/6               | 1513690000 | 67   |
| APG 2.5/7               | 1513700000 | 67   |
| APG 2.5/8               | 1513730000 | 67   |
| APG 2.5/9               | 1513740000 | 67   |
| A3C 4 BK                | 2051400000 | 70   |
| A3C 4 BL                | 2051280000 | 70   |
| A3C 4 BR                | 2534290000 | 70   |
| A3C 4 DBL               | 2534360000 | 70   |
| A3C 4 GN                | 2051350000 | 70   |
| A3C 4 LTGY              | 2051460000 | 70   |
| A3C 4 OR                | 2051320000 | 70   |

| Type                  | Order No.  | Page |
|-----------------------|------------|------|
| A3C 4 PE              | 2051410000 | 70   |
| A3C 4 RD              | 2051300000 | 70   |
| A3C 4 WT              | 2051370000 | 70   |
| A3C 4 YL              | 2051340000 | 70   |
| ADT 4 2C              | 2428950000 | 70   |
| ADT 4 2C BL           | 2429880000 | 70   |
| ADT 4 2C OR           | 2429890000 | 70   |
| AFS 4 2C BK           | 2429860000 | 70   |
| AFS 4 2C BK/BL        | 2548140000 | 70   |
| AFS 4 2C 10-36V BK    | 2429870000 | 70   |
| AFS 4 2C 60-150V BK   | 2434380000 | 70   |
| AFS 4 2C 100-250V BK  | 2434390000 | 70   |
| AFS 4 2C 30-70V BK    | 2434350000 | 70   |
| AEP 3C 4              | 2051720000 | 70   |
| AEP 3C 4 BL           | 2486640000 | 70   |
| AEP 3C 4 BK           | 2051880000 | 70   |
| AEP 3C 4 OR           | 2051890000 | 70   |
| AMC 2.5               | 2434340000 | 82   |
| AEP MIC 2.5           | 2433820000 | 82   |
| AIO21 1.5 S           | 1992240000 | 84   |
| AIO21 1.5 SO-PE       | 1992250000 | 84   |
| AIO22 1.5 SH-PE       | 1992230000 | 84   |
| AIO23 1.5 2SI         | 2492220000 | 84   |
| AEP ID21              | 1993580000 | 84   |
| AEP ID22              | 1993590000 | 84   |
| AEP ID23              | 1993600000 | 84   |
| AAP11 1.5 LI BL/OR    | 2522870000 | 88   |
| AAP11 1.5 LI OR       | 2503910000 | 88   |
| AAP11 1.5 LI RD       | 1988160000 | 88   |
| AAP11 6 FE            | 1988140000 | 88   |
| AAP11 6 LD BL         | 1988130000 | 88   |
| AAP11 6 LD BL/OR      | 2522720000 | 88   |
| AAP11 6 LD OR         | 2503650000 | 88   |
| AAP11 6 LD RD         | 1989780000 | 88   |
| AAP12 10 FE           | 1988200000 | 88   |
| AAP12 10 LD BL        | 1988180000 | 88   |
| AAP12 10 LD BL/OR     | 2522860000 | 88   |
| AAP12 10 LD OR        | 2503900000 | 88   |
| AAP12 10 LD RD        | 1988190000 | 88   |
| AAP12 2.5 LI BL/OR    | 2522840000 | 88   |
| AAP12 2.5 LI BL       | 1988100000 | 88   |
| AAP12 2.5 LI RD       | 2503880000 | 88   |
| AAP12 2.5 LI RD       | 1988290000 | 88   |
| AAP13 1.5 LI-U        | 1988280000 | 88   |
| AAP13 6 FE-LD         | 1988270000 | 88   |
| AAP13 6 LD-LD         | 1988260000 | 88   |
| AAP14 10 FE-LD        | 1988240000 | 88   |
| AAP14 10 LD-LD        | 1988250000 | 88   |
| AAP14 2.5 LI GN       | 1988230000 | 88   |
| AAP21 10 FE           | 2428920000 | 88   |
| AAP21 10 LD BL        | 2428940000 | 88   |
| AAP21 10 LD RD        | 2428910000 | 88   |
| AAP21 4 DT            | 2428980000 | 88   |
| AAP21 4 FS            | 2428950000 | 88   |
| AAP21 4 FS 10-36V     | 2458990000 | 88   |
| AAP21 4 FS 100-250V   | 2460180000 | 88   |
| AAP21 4 FS 30-70V     | 2460200000 | 88   |
| AAP21 4 FS 60-150V    | 2460190000 | 88   |
| AAP21 4 LI BL         | 2428960000 | 88   |
| AAP21 4 LI RD         | 2428930000 | 88   |
| AAP22 10 FE-LD        | 2429000000 | 88   |
| AAP22 10 LD-LD        | 2428990000 | 88   |
| AAP22 4 LHFS          | 2429010000 | 88   |
| AAP22 4 LHFS 10-36V   | 2459010000 | 88   |
| AAP22 4 LHFS 100-250V | 2460120000 | 88   |
| AAP22 4 LHFS 30-70V   | 2460140000 | 88   |
| AAP22 4 LHFS 60-150V  | 2460130000 | 88   |
| AEP AP11              | 1988320000 | 88   |
| AEP AP12              | 1988300000 | 88   |
| AEP AP13              | 1990140000 | 88   |
| AEP AP14              | 1988340000 | 88   |
| AEP AP21              | 2429020000 | 88   |
| AEP AP22              | 2429040000 | 88   |
| AKKU EPG              | 1500840000 | 151  |

| Type                            | Order No.  | Page |
|---------------------------------|------------|------|
| BUF 10.161T/03/180MF3 AG BK BX  | 2493190000 | 116  |
| BUF 10.161T/04/180MF2 AG BK BX  | 2493200000 | 116  |
| BUF 10.161T/04/180MF3 AG BK BX  | 2493210000 | 116  |
| BUF 10.161T/04/180MF4 AG BK BX  | 2544950000 | 116  |
| BUF 10.161T/02/180MSF2 AG BK BX | 2493230000 | 116  |
| BUF 10.161T/03/180MSF2 AG BK BX | 2493240000 | 116  |
| BUF 10.161T/03/180MSF3 AG BK BX | 2493250000 | 116  |
| BUF 10.161T/04/180MSF2 AG BK BX | 2493260000 | 116  |
| BUF 10.161T/04/180MSF3 AG BK BX | 2493270000 | 116  |
| BUF 10.161T/04/180MSF4 AG BK BX | 2493280000 | 116  |
| BLF 3.50/02/180 SN OR BX        | 2458950000 | 129  |
| BLF 3.50/03/180 SN OR BX        | 2459060000 | 129  |
| BLF 3.50/04/180 SN OR BX        | 2459070000 | 129  |
| BLF 3.50/05/180 SN OR BX        | 2459080000 | 129  |
| BLF 3.50/06/180 SN OR BX        | 2459090000 | 129  |
| BLF 3.50/07/180 SN OR BX        | 2459100000 | 129  |
| BLF 3.50/08/180 SN OR BX        | 2459110000 | 129  |
| BLF 3.50/09/180 SN OR BX        | 2459120000 | 129  |
| BLF 3.50/10/180 SN OR BX        | 2459130000 | 129  |
| BLF 3.50/11/180 SN OR BX        | 2459140000 | 129  |
| BLF 3.50/12/180 SN OR BX        | 2459150000 | 129  |
| BLF 3.50/13/180 SN OR BX        | 2459160000 | 129  |
| BLF 3.50/14/180 SN OR BX        | 2459170000 | 129  |
| BLF 3.50/15/180 SN OR BX        | 2459180000 | 129  |
| BLF 3.50/16/180 SN OR BX        | 2459190000 | 129  |
| BLF 3.50/17/180 SN OR BX        | 2459200000 | 129  |
| BLF 3.50/18/180 SN OR BX        | 2459210000 | 129  |
| BLF 3.50/19/180 SN OR BX        | 2459220000 | 129  |
| BLF 3.50/20/180 SN OR BX        | 2459230000 | 129  |
| BLF 3.50/21/180 SN OR BX        | 2459240000 | 129  |
| BLF 3.50/22/180 SN OR BX        | 2459250000 | 129  |
| BLF 3.50/23/180 SN OR BX        | 2459260000 | 129  |
| BLF 3.50/24/180 SN OR BX        | 2459270000 | 129  |
| BLF 3.50/22/180F SN OR BX       | 2459330000 | 129  |
| BLF 3.50/03/180F SN OR BX       | 2459400000 | 129  |
| BLF 3.50/04/180F SN OR BX       | 2459410000 | 129  |
| BLF 3.50/05/180F SN OR BX       | 2459420000 | 129  |
| BLF 3.50/06/180F SN OR BX       | 2459430000 | 129  |
| BLF 3.50/07/180F SN OR BX       | 2459440000 | 129  |
| BLF 3.50/08/180F SN OR BX       | 2459450000 | 129  |
| BLF 3.50/09/180F SN OR BX       | 2459460000 | 129  |
| BLF 3.50/10/180F SN OR BX       | 2459470000 | 129  |
| BLF 3.50/11/180F SN OR BX       | 2459480000 | 129  |
| BLF 3.50/12/180F SN OR BX       | 2459490000 | 129  |
| BLF 3.50/13/180F SN OR BX       | 2459500000 | 129  |
| BLF 3.50/14/180F SN OR BX       | 2459510000 | 129  |
| BLF 3.50/15/180F SN OR BX       | 2459520000 | 129  |
| BLF 3.50/16/180F SN OR BX       | 2459530000 | 129  |
| BLF 3.50/17/180F SN OR BX       | 2459540000 | 129  |
| BLF 3.50/18/180F SN OR BX       | 2459550000 | 129  |
| BLF 3.50/24/180F SN OR BX       | 2459560000 | 129  |
| BLF 3.50/24/180L SN OR BX       | 2459830000 | 130  |
| BLF 3.50/02/180L SN OR BX       | 2459860000 | 130  |
| BLF 3.50/03/180L SN OR BX       | 2459890000 | 130  |
| BLF 3.50/04/180L SN OR BX       | 2459700000 | 130  |
| BLF 3.50/05/180L SN OR BX       | 2459710000 | 130  |
| BLF 3.50/06/180L SN OR BX       | 2459720000 | 130  |
| BLF 3.50/07/180L SN OR BX       | 2459730000 | 130  |
| BLF 3.50/08/180L SN OR BX       | 2459740000 | 130  |
| BLF 3.50/09/180L SN OR BX       | 2459750000 | 130  |
| BLF 3.50/10/180L SN OR BX       | 2459760000 | 130  |
| BLF 3.50/11/180L SN OR BX       | 2459770000 | 130  |
| BLF 3.50/12/180L SN OR BX       | 2459780000 | 130  |
| BLF 3.50/13/180L SN OR BX       | 2459790000 | 130  |
| BLF 3.50/14/180L SN OR BX       | 2459800000 | 130  |
| BLF 3.50/15/180L SN OR BX       | 2459810000 | 130  |
| BLF 3.50/16/180L SN OR BX       | 2459820000 | 130  |
| BLF 3.50/02/180LH SN OR BX      | 2459950000 | 130  |
| BLF 3.50/03/180LH SN OR BX      | 2459960000 | 130  |
| BLF 3.50/04/180LH SN OR BX      | 2459970000 | 130  |
| BLF 3.50/05/180LH SN OR BX      | 2459980000 | 130  |
| BLF 3.50/06/180LH SN OR BX      | 2459990000 | 130  |
| BLF 3.50/07/180LH SN OR BX      | 2460000000 | 130  |
| BLF 3.50/08/180LH SN OR BX      | 2460010000 | 130  |
| BLF 3.50/09/180LH SN OR BX      | 2460020000 | 130  |
| BLF 3.50/10/180LH SN OR BX      | 2460030000 | 130  |
| BLF 3.50/11/180LH SN OR BX      | 2460040000 | 130  |
| BLF 3.50/12/180LH SN OR BX      | 2460050000 | 130  |
| BLF 3.50/13/180LH SN OR BX      | 2460060000 | 130  |
| BLF 3.50/14/180LH SN OR BX      | 2460070000 | 130  |
| BLF 3.50/15/180LH SN OR BX      | 2460080000 | 130  |
| BLF 3.50/16/180LH SN OR BX      | 2460090000 | 130  |
| BLF 3.50/17/180LH SN OR BX      | 2460100000 | 130  |
| BLF 3.50/18/180LH SN OR BX      | 2460110000 | 130  |
| C                               |            |      |
| CD 80x80 8/12                   | 2552780000 | 139  |
| CD 80x80 8/12                   | 2552740000 | 139  |
| CD 80x40 8/12                   | 2552690000 | 139  |
| CD 80x25 8/12                   | 2552640000 | 139  |
| CD 80x200 8/12                  | 2552930000 | 139  |
| CD 80x150 8/12                  | 2552900000 | 139  |
| CD 80x120 8/12                  | 2552870000 | 139  |
| CD 80x100 8/12                  | 2552820000 | 139  |
| CD 60x80 8/12                   | 2552770000 | 139  |
| CD 60x60 8/12                   | 2552730000 | 139  |
| CD 60x40 8/12                   | 2552680000 | 139  |
| CD 60x25 8/12                   | 2552630000 | 139  |

| Type                     | Order No.  | Page |
|--------------------------|------------|------|
| FH-TH 800W 230V BK       | 2558140000 | 148  |
| <b>H</b>                 |            |      |
| HDC MHP 100 FC           | 1429080000 | 98   |
| HDC MHX 4P MC            | 1428950000 | 98   |
| HDC MHX 4P FC            | 1428970000 | 98   |
| HDC MHX 3 MC             | 1429340000 | 98   |
| HDC MHX 3 FC             | 1429350000 | 98   |
| HDC MHE 6P MC            | 1505650000 | 98   |
| HDC MHE 6P FC            | 1505660000 | 98   |
| HDC MHE 20 MC            | 1428910000 | 98   |
| HDC MHE 20 FC            | 1428930000 | 98   |
| HDC MHE 8 MC             | 1428880000 | 98   |
| HDC MHE 8 FC             | 1428890000 | 98   |
| HDC MHE 6 MC             | 1429360000 | 98   |
| HDC MHE 6 FC             | 1429370000 | 98   |
| HDC MHD 36 MC            | 1428860000 | 98   |
| HDC MHD 36 FC            | 1428870000 | 98   |
| HDC MHD 12 MC            | 1428840000 | 98   |
| HDC MHD 12 FC            | 1428850000 | 98   |
| HDC MBUS 2 MC            | 1428990000 | 98   |
| HDC MBUS 2 FC            | 1429020000 | 98   |
| HDC MDU                  | 1429040000 | 98   |
| HDC XX5E01 MQXXXX-0100   | 2003890100 | 98   |
| HDC XX5E01 MFSXXXX-0050  | 2453550050 | 98   |
| HDC XX5E01 MFSXXXX-0100  | 2453550100 | 98   |
| HDC XX5E01 MFSXXXX-0150  | 2453550150 | 98   |
| HDC XX5E01 MFSXXXX-0300  | 2453550300 | 98   |
| HDC XX5E01 MFSXXXX-0500  | 2453550500 | 98   |
| HDC XX5E01 FMSM12D-0100  | 2451120100 | 98   |
| HDC XX5E01 MMSM12X-0100  | 2451110100 | 98   |
| HDC XX5E01 MMSRJ45-0100  | 2450490100 | 98   |
| HDC XX5E01 FMSRJ45-0100  | 2451080100 | 98   |
| HDC XX6A01 FDXXXXX-0100  | 2003850100 | 98   |
| HDC XX6A01 MQXXXX-0100   | 2003820100 | 98   |
| HDC XX6A01 MFSXXXX-0050  | 2453540050 | 98   |
| HDC XX6A01 MFSXXXX-0100  | 2453540100 | 98   |
| HDC XX6A01 MFSXXXX-0150  | 2453540150 | 98   |
| HDC XX6A01 MFSXXXX-0300  | 2453540300 | 98   |
| HDC XX6A01 MFSXXXX-0500  | 2453540500 | 98   |
| HDC XX6A01 MMSM12X-0100  | 2451130100 | 98   |
| HDC XX6A01 FMSM12X-0100  | 2451140100 | 98   |
| HDC XX6A01 MMSRJ45-0100  | 2451090100 | 98   |
| HDC XX6A01 FMSRJ45-0100  | 2451100100 | 98   |
| HDC MF 6B BA             | 1428940000 | 99   |
| HDC MF 10B AC            | 1428960000 | 99   |
| HDC MF 10B CA            | 1428980000 | 99   |
| HDC MF 16B AD            | 1429010000 | 99   |
| HDC MF 16B DA            | 1429030000 | 99   |
| HDC MF 24B AF            | 1429050000 | 99   |
| HDC MF 24B FA            | 1429070000 | 99   |
| HDC 10B ABU N            | 2488580000 | 100  |
| HDC 16B ABU N            | 2488590000 | 100  |
| HDC 24B ABU N            | 2488600000 | 100  |
| HDC LL 06B N             | 2534550000 | 100  |
| HDC LL 10B N             | 2535150000 | 100  |
| HS 0.8-2.4/12 MM W       | 2526030000 | 137  |
| HS 0.8-2.4/12 MM Y       | 2526060000 | 137  |
| HS 1.0-3.2/12 MM W       | 2526070000 | 137  |
| HS 1.0-3.2/12 MM Y       | 2526080000 | 137  |
| HS 1.6-4.8/12 MM W       | 2526090000 | 137  |
| HS 1.6-4.8/12 MM Y       | 2526100000 | 137  |
| HS 2.1-6.4/12 MM W       | 2526110000 | 137  |
| HS 2.1-6.4/12 MM Y       | 2526120000 | 137  |
| HS 3.2-9.5/12 MM W       | 2526130000 | 137  |
| HS 3.2-9.5/12 MM Y       | 2526140000 | 137  |
| HS 4.2-12.7/12 MM W      | 2526150000 | 137  |
| HS 4.2-12.7/12 MM Y      | 2526160000 | 137  |
| HS-HF 1.2-2.4/12 MM W    | 2526230000 | 137  |
| HS-HF 1.2-2.4/12 MM Y    | 2526240000 | 137  |
| HS-HF 1.6-3.2/12 MM W    | 2526250000 | 137  |
| HS-HF 1.6-3.2/12 MM Y    | 2526260000 | 137  |
| HS-HF 2.4-4.8/12 MM W    | 2526270000 | 137  |
| HS-HF 2.4-4.8/12 MM Y    | 2526280000 | 137  |
| HS-HF 3.2-6.4/12 MM W    | 2526290000 | 137  |
| HS-HF 3.2-6.4/12 MM Y    | 2526300000 | 137  |
| HS-HF 4.8-9.5/12 MM W    | 2526310000 | 137  |
| HS-HF 4.8-9.5/12 MM Y    | 2526320000 | 137  |
| HS-HF 6.4-12.7/12 MM W   | 2526330000 | 137  |
| HS-HF 6.4-12.7/12 MM Y   | 2526340000 | 137  |
| HSS-HF 1.2-2.4 EL SW30M  | 2518740000 | 137  |
| HSS-HF 1.6-3.2 EL SW30M  | 2518920000 | 137  |
| HSS-HF 12.7-25.4EL SW30M | 2518980000 | 137  |
| HSS-HF 2.4-4.8 EL SW30M  | 2518930000 | 137  |
| HSS-HF 3.2-6.4 EL SW30M  | 2518940000 | 137  |
| HSS-HF 4.8-9.5 EL SW30M  | 2518950000 | 137  |
| HSS-HF 6.4-12.7 EL SW30M | 2518960000 | 137  |
| HSS-HF 9.5-19.1 EL SW30M | 2518970000 | 137  |
| HYSW 40-90% r.F. CO      | 2558270000 | 148  |
| HYTH-SW 40-90% r.F. CO   | 2558280000 | 148  |
| <b>I</b>                 |            |      |
| IE-SR-2GT-LTE/4G-EU      | 2535930000 | 39   |
| IE-SR-6GT-LAN            | 2535940000 | 39   |
| IE-SR-6GT-LTE/4G-US      | 2535950000 | 39   |
| IE-SR-6GT-LTE/4G-EU      | 2535960000 | 39   |
| IE-WLT-BL-AP-CL-EU       | 2536650000 | 40   |

| Type                          | Order No.  | Page |
|-------------------------------|------------|------|
| IE-WLT-BL-AP-CL-US            | 2536660000 | 40   |
| IE-WLT-BL-AP-CL-US            | 2536670000 | 40   |
| IE-WLT-VL-AP-BR-CL-EU         | 2536680000 | 40   |
| IE-WLT-VL-AP-BR-CL-EU         | 2536690000 | 40   |
| IE-WLT-VL-AP-BR-CL-US         | 2536700000 | 40   |
| IE-WLT-VL-AP-BR-CL-US         | 2536710000 | 40   |
| ITS 24-240VUC M7C PU10        | 2545120000 | 41   |
| IE-FC-DPM-KNOB                | 2003170000 | 107  |
| IE-FC-DFM-KEY                 | 2003180000 | 107  |
| IE-FC-DFM-CAB                 | 2003190000 | 107  |
| IE-FC-DFM-CAB-DB              | 2003150000 | 107  |
| IE-FC-DSP-CL/3A/2ST/1D9       | 2004810000 | 107  |
| IE-FC-DIP-CL/3A/2ST/1D9       | 2003370000 | 107  |
| IE-FC-DSP-PWB/2ST/FILS        | 2067080000 | 107  |
| IE-FC-DIP-PWB/2ST/FILS        | 2067070000 | 107  |
| IE-FC-DIP-BP                  | 2004890000 | 107  |
| IE-FC-DI-IPH                  | 2003340000 | 107  |
| IE-FC-IP-BP                   | 1450710000 | 107  |
| IE-FC-SP-PWB/2ST              | 1450550000 | 107  |
| IE-FC-IP-PWB/2ST              | 1450630000 | 107  |
| IE-FC-SP-PWS/2ST/1D9          | 1450600000 | 107  |
| IE-FC-IP-PWS/2ST/1D9          | 1450690000 | 107  |
| IE-FC-SP-PWS/4ST              | 1450570000 | 107  |
| IE-FC-IP-PWS/4ST              | 1450640000 | 107  |
| IE-FC-SP-PWS/2D9              | 1450610000 | 107  |
| IE-FC-IP-PWS/2D9              | 1450680000 | 107  |
| IE-FC-SP-PWU/2ST              | 1450620000 | 107  |
| IE-FC-IP-PWU/2ST              | 1450700000 | 107  |
| IE-FC-IP-PWU/1ST/CB           | 1543710000 | 107  |
| IE-FC-SP-2ST/2D9              | 1450590000 | 107  |
| IE-FC-IP-2ST/2D9              | 1450670000 | 107  |
| IE-FC-SP-1ST/1D9/1D25         | 1450500000 | 107  |
| IE-FC-IP-1ST/1D9/1D25         | 1450650000 | 107  |
| IE-FC-IP-PWB/1D9              | 2003350000 | 107  |
| IE-FC-IP-PWB                  | 2548060000 | 107  |
| IE-BSS-VAPM 24V               | 2493480000 | 108  |
| IE-8HD-VAPM                   | 2493490000 | 108  |
| IE-REDU-6-8-PS-VAPM           | 2531330000 | 108  |
| <b>L</b>                      |            |      |
| LLFS 7.50/01/90 5.0SN BK BX   | 2473420000 | 120  |
| LLFS 7.50/02/90V 5.0SN BK BX  | 2473000000 | 120  |
| LLFS 7.50/03/90V 5.0SN BK BX  | 2473010000 | 120  |
| LLFS 7.50/04/90V 5.0SN BK BX  | 2473020000 | 120  |
| LLFS 7.50/05/90V 5.0SN BK BX  | 2473030000 | 120  |
| LLFS 7.50/06/90V 5.0SN BK BX  | 2473040000 | 120  |
| LLFS 7.50/07/90V 5.0SN BK BX  | 2473050000 | 120  |
| LLFS 7.50/08/90V 5.0SN BK BX  | 2473060000 | 120  |
| LLFS 7.50/09/90V 5.0SN BK BX  | 2473070000 | 120  |
| LLFS 7.50/10/90V 5.0SN BK BX  | 2473080000 | 120  |
| LLFS 7.50/11/90V 5.0SN BK BX  | 2473090000 | 120  |
| LLFS 7.50/12/90V 5.0SN BK BX  | 2473100000 | 120  |
| LLFS 7.50/01/180 5.0SN BK BX  | 2491110000 | 120  |
| LLFS 7.50/02/180V 5.0SN BK BX | 2491620000 | 120  |
| LLFS 7.50/03/180V 5.0SN BK BX | 2491630000 | 120  |
| LLFS 7.50/04/180V 5.0SN BK BX | 2491640000 | 120  |
| LLFS 7.50/05/180V 5.0SN BK BX | 2491650000 | 120  |
| LLFS 7.50/06/180V 5.0SN BK BX | 2491660000 | 120  |
| LLFS 7.50/07/180V 5.0SN BK BX | 2491670000 | 120  |
| LLFS 7.50/08/180V 5.0SN BK BX | 2491680000 | 120  |
| LLFS 7.50/09/180V 5.0SN BK BX | 2491690000 | 120  |
| LLFS 7.50/10/180V 5.0SN BK BX | 2491700000 | 120  |
| LLFS 7.50/11/180V 5.0SN BK BX | 2491710000 | 120  |
| LLFS 7.50/12/180V 5.0SN BK BX | 2491720000 | 120  |
| LUF 15.00/02/90 5.0SN BK BX   | 2491800000 | 124  |
| LUF 15.00/03/90 5.0SN BK BX   | 2491900000 | 124  |
| LUF 15.00/04/90 5.0SN BK BX   | 2491910000 | 124  |
| LUF 15.00/05/90 5.0SN BK BX   | 2491920000 | 124  |
| LUF 15.00/06/90 5.0SN BK BX   | 2491930000 | 124  |
| LUF 15.00/07/90 5.0SN BK BX   | 2491940000 | 124  |
| LUF 15.00/08/90 5.0SN BK BX   | 2491950000 | 124  |
| LUF 15.00/02/90V 5.0SN BK BX  | 2492000000 | 124  |
| LUF 15.00/03/90V 5.0SN BK BX  | 2492010000 | 124  |
| LUF 15.00/04/90V 5.0SN BK BX  | 2492020000 | 124  |
| LUF 15.00/05/90V 5.0SN BK BX  | 2492030000 | 124  |
| LUF 15.00/06/90V 5.0SN BK BX  | 2492040000 | 124  |
| LUF 15.00/07/90V 5.0SN BK BX  | 2492050000 | 124  |
| LUF 15.00/08/90V 5.0SN BK BX  | 2492060000 | 124  |
| LUF 15.00/01/90 5.0SN BK BX   | 2500560000 | 124  |
| LUF 15.00/02/90V 5.0SN BK BX  | 2499430000 | 124  |
| LUF 15.00/03/90V 5.0SN BK BX  | 2500470000 | 124  |
| LUF 15.00/04/90V 5.0SN BK BX  | 2500480000 | 124  |
| LUF 15.00/05/90V 5.0SN BK BX  | 2500490000 | 124  |
| LUF 15.00/06/90V 5.0SN BK BX  | 2500500000 | 124  |
| LUF 15.00/07/90V 5.0SN BK BX  | 2500510000 | 124  |
| LUF 15.00/08/90V 5.0SN BK BX  | 2500520000 | 124  |
| LUF 15.00/09/90V 5.0SN BK BX  | 2500530000 | 124  |
| LUF 15.00/10/90V 5.0SN BK BX  | 2500540000 | 124  |
| LUF 15.00/11/90V 5.0SN BK BX  | 2500550000 | 124  |
| LUF 15.00/12/90V 5.0SN BK BX  | 2499440000 | 124  |
| LUF 15.00/03/90V 5.0SN BK BX  | 2500570000 | 124  |
| LUF 15.00/04/90V 5.0SN BK BX  | 2500580000 | 124  |
| LUF 15.00/05/90V 5.0SN BK BX  | 2500590000 | 124  |
| LUF 15.00/06/90V 5.0SN BK BX  | 2500600000 | 124  |
| LUF 15.00/07/90V 5.0SN BK BX  | 2500610000 | 124  |
| LUF 15.00/08/90V 5.0SN BK BX  | 2500620000 | 124  |
| LADEGERAET EPG                | 1509370000 | 151  |

| Type                       | Order No.  | Page |
|----------------------------|------------|------|
| <b>M</b>                   |            |      |
| MCV AP6 1.5                | 2485980000 | 67   |
| MCV AP6 2.5                | 2035590000 | 67   |
| MF 10/5 MM WS              | 2519170000 | 136  |
| MF 10/6 MM WS              | 2519180000 | 136  |
| MF 10/8 MM WS              | 2519190000 | 136  |
| MF 5/5 MM WS               | 2519200000 | 136  |
| MF 5/6 MM WS               | 2519210000 | 136  |
| MF 8/5 MM WS               | 2518500000 | 136  |
| MF-W 5/5 MINI MM WS        | 2519220000 | 136  |
| MF-W 9/5 MM WS             | 2519230000 | 136  |
| MF-W 9/5.2 F MM WS         | 2519250000 | 136  |
| MF-W 9/5 F MM WS           | 2519240000 | 136  |
| <b>P</b>                   |            |      |
| PRO TOP1 120W 24V 5A       | 2466870000 | 26   |
| PRO TOP1 240W 24V 10A      | 2466880000 | 26   |
| PRO TOP1 480W 24V 20A      | 2466890000 | 26   |
| PRO TOP1 480W 48V 10A      | 2467030000 | 26   |
| PRO TOP1 72W 24V 3A        | 2466850000 | 26   |
| PRO TOP1 960W 24V 40A      | 2466900000 | 26   |
| PRO TOP1 960W 48V 20A      | 2466920000 | 26   |
| PICOPAK-CH-CO-LPS          | 2517450000 | 33   |
| PRO RM 20                  | 2486100000 | 38   |
| PRO RM 40                  | 2486110000 | 38   |
| <b>R</b>                   |            |      |
| RJ45M T1D 3.2E4N TY        | 2474160000 | 127  |
| RJ45M T1D 3.3E4G/Y RL      | 2036460000 | 127  |
| RJ45M R1D 3.3N4Y/G TY      | 2461060000 | 127  |
| RJ45M R1D 3.2N4G/Y RL      | 2551900000 | 127  |
| RJ45M R1V 3.3N4Y/G TY      | 1534750000 | 127  |
| RJ45M R1V 3.3N4Y/G TY      | 2461070000 | 127  |
| RJ45G1 R1D2 3.3EG/Y TY     | 2544500000 | 127  |
| RJ45G1 R1D 3.3EG/Y TY      | 2544510000 | 127  |
| RJ45G1 R1D2 3.3EG/YG RL    | 2036510000 | 127  |
| RJ45G1 R1D2 3.3N4Y/G/YG RL | 2485370000 | 127  |
| RJ45G1 R1V 3.3N4Y/G/YG TY  | 1534760000 | 127  |
| RJ45C3 S1D 2.7N4N RL       | 1433890000 | 127  |
| RJ45C3 S1U 0.9N4N RL       | 1455220000 | 127  |
| RJ45C3 S1U DE4G/Y RL       | 2562890000 | 127  |
| RJ45C3 S1U DE4N TY         | 2562940000 | 127  |
| RJ45C3 S1V 2.7N4N RL       | 1433900000 | 127  |
| RJ45C3 S1V 2.7E4N RL       | 2514600000 | 127  |
| RJ45C5 T1D 3.2N4N TY       | 1433800000 | 127  |
| RJ45C5 T1D 3.2E4G/Y TY     | 2562820000 | 127  |
| RJ45C5 T1D 3.3E4N TY       | 2562900000 | 127  |
| RJ45C5 T1D 3.2N4N RL SO    | 2439040000 | 127  |
| RJ45C5 T1V 2.8N4N TY       | 1455240000 | 127  |
| RJ45C5 T1U 2.8E4G/Y TY     | 2562880000 | 127  |
| RJ45C5 T1V 2.8E4N TY       | 2562920000 | 127  |
| RJ45C5 T1V 3.2N4N TY       | 1433810000 | 127  |
| RJ45C5 T1V 4.0N4N TY       | 2436450000 | 127  |
| RJ45C5 T1V 3.2N4G/Y TY     | 2562960000 | 127  |
| RJ45C5 R1D 3.2E4G/Y RL     | 2562870000 | 127  |
| RJ45C5 R1D 3.3E4N RL       | 2562910000 | 127  |
| RJ45C5 R1U 3.3E4N RL       | 2562930000 | 127  |
| RJ45C5 R1U 2.8N4G/Y RL     | 2562950000 | 127  |
| RJ45C5 R1V 3.2N4G/Y TY     | 2516380000 | 127  |
| RJ45C5 R1V 3.2N4N RL       | 2562970000 | 127  |
| RJ45C6 T1U 2.7N4N TY       | 1433910000 | 127  |
| RJ45C6 T1V 3.8N4N TY       | 1433920000 | 127  |
| RXRV 6.5                   | 2562690000 | 142  |
| RXRV 4.5                   | 2562700000 | 142  |
| RXRVT 6.5                  | 2562710000 | 142  |
| RXRVT 4.5                  | 2562720000 | 142  |
| RFF-FIMT 605x 54           | 2557750000 | 147  |
| RFF-FIMT 607/610 54        | 2557790000 | 147  |
| REF 600 33/ GY             | 2557850000 | 148  |
| REF 600 54/ GY             | 2557840000 | 148  |
| RFF 605 33/230V GY         | 2557740000 | 148  |
| RFF 605 54/230V GY         | 2557730000 | 148  |
| RFF 607 33/230V GY         | 2557780000 | 148  |
| RFF 607 54/230V GY         | 2557770000 | 148  |
| RFF 610 33/230V GY         | 2557820000 | 148  |
| RFF 610 54/230V GY         | 2557810000 | 148  |
| RFF-SP 605/230V            | 2557760000 | 148  |
| RFF-SP 607/230V            | 2557800000 | 148  |
| RFF-SP 66/610/230V         | 2557830000 | 148  |
| RH-CBCO 100W 110-250V      | 2557940000 | 148  |
| RH-CBCO 10W 110-250V BK    | 2557860000 | 148  |
| RH-CBCO 150W 110-250V      | 2557950000 | 148  |
| RH-CBCO 20W 110-250V BK    | 2557870000 | 148  |
| RH-CBCO 30W 110-250V       | 2557890000 | 148  |
| RH-CBCO 30W 110-250V BK    | 2557880000 | 148  |
| RH-CBCO 45W 110-250V       | 2557900000 | 148  |
| RH-CBCO 75W 110-250V       | 2557930000 | 148  |
| RH-TCD 100W 110-250V       | 2557970000 | 148  |
| RH-TCD 150W 110-250V       | 2557980000 | 148  |
| RH-TCD 30W 110-250V        | 2557910000 | 148  |
| RH-TCD 45W 110-250V        | 2557920000 | 148  |
| RH-TCD 75W 110-250V        | 2557960000 | 148  |
| <b>S</b>                   |            |      |
| SFX 11/60 MM BL            | 2519060000 | 138  |

| Order No.         | Type                  | Page |
|-------------------|-----------------------|------|
| <b>1310000000</b> |                       |      |
| 1315170000        | UR20-40I-P            | 18   |
| 1315180000        | UR20-8DI-P-2W         | 18   |
| 1315200000        | UR20-16DI-P           | 18   |
| 1315210000        | UR20-16DI-P-PLC-INT   | 18   |
| 1315350000        | UR20-4DI-N            | 18   |
| 1315370000        | UR20-8DI-N-3W         | 18   |
| 1315390000        | UR20-16DI-N           | 18   |
| 1315400000        | UR20-16DI-N-PLC-INT   | 18   |
| 1315220000        | UR20-4DO-P            | 18   |
| 1315230000        | UR20-4DO-P-2A         | 18   |
| 1315240000        | UR20-8DO-P            | 18   |
| 1315250000        | UR20-16DO-P           | 18   |
| 1315270000        | UR20-16DO-P-PLC-INT   | 18   |
| 1315410000        | UR20-4DO-N            | 18   |
| 1315420000        | UR20-4DO-N-2A         | 18   |
| 1315430000        | UR20-8DO-N            | 18   |
| 1315440000        | UR20-16DO-N           | 18   |
| 1315450000        | UR20-16DO-N-PLC-INT   | 18   |
| 1315540000        | UR20-4RO-SSR-255      | 18   |
| 1315550000        | UR20-4RO-CO-255       | 18   |
| 1315570000        | UR20-1CNT-100-1D0     | 18   |
| 1315580000        | UR20-1CNT-500         | 18   |
| 1315590000        | UR20-2CNT-100         | 18   |
| 1315750000        | UR20-1COM-232-485-422 | 18   |
| 1315620000        | UR20-4AI-U1-16        | 19   |
| 1315690000        | UR20-4AI-U1-16-DIAG   | 19   |
| 1315670000        | UR20-8AI-U-PLC-INT    | 19   |
| 1315710000        | UR20-4AI-ITC-DIAG     | 19   |
| 1315700000        | UR20-4AI-RTD-DIAG     | 19   |
| 1315770000        | UR20-ES               | 19   |

## 1330000000

|            |                  |    |
|------------|------------------|----|
| 1334870000 | UR20-FBC-PB-OP   | 18 |
| 1334880000 | UR20-FBC-PN-IRT  | 18 |
| 1334910000 | UR20-FBC-EC      | 18 |
| 1334940000 | UR20-FBC-DN      | 18 |
| 1334890000 | UR20-FBC-CAN     | 18 |
| 1334920000 | UR20-FBC-EIP     | 18 |
| 1334940000 | UR20-FBC-PL      | 18 |
| 1334710000 | UR20-PF-I        | 19 |
| 1334740000 | UR20-PF-O        | 19 |
| 1334770000 | UR20-16AUX-I     | 19 |
| 1334780000 | UR20-16AUX-O     | 19 |
| 1334790000 | UR20-16AUX-FE    | 19 |
| 1334800000 | UR20-16AUX-GND-I | 19 |
| 1334810000 | UR20-16AUX-GND-O | 19 |

## 1390000000

|            |                |    |
|------------|----------------|----|
| 1394400000 | UR20-8DI-PN-3W | 18 |
| 1394420000 | UR20-4DO-IP-2A | 18 |
| 1394390000 | UR20-4AI-U1-12 | 19 |

## 1420000000

|            |                |    |
|------------|----------------|----|
| 1429080000 | HDC MHP 100 FC | 98 |
| 1428950000 | HDC MHX 4P MC  | 98 |
| 1428970000 | HDC MHX 4P FC  | 98 |
| 1429340000 | HDC MHX 3 MC   | 98 |
| 1429350000 | HDC MHX 3 FC   | 98 |
| 1428910000 | HDC MHE 20 MC  | 98 |
| 1428930000 | HDC MHE 20 FC  | 98 |
| 1428880000 | HDC MHE 8 MC   | 98 |
| 1428990000 | HDC MHE 8 FC   | 98 |
| 1429360000 | HDC MHE 6 MC   | 98 |
| 1429370000 | HDC MHE 6 FC   | 98 |
| 1428860000 | HDC MHD 36 MC  | 98 |
| 1428870000 | HDC MHD 36 FC  | 98 |
| 1428840000 | HDC MHD 12 MC  | 98 |
| 1428850000 | HDC MHD 12 FC  | 98 |
| 1428990000 | HDC MBUS 2 MC  | 98 |
| 1429020000 | HDC MBUS 2 FC  | 98 |
| 1429040000 | HDC MDU        | 98 |
| 1428940000 | HDC MF 6B BA   | 98 |
| 1428960000 | HDC MF 10B AC  | 98 |
| 1428980000 | HDC MF 10B CA  | 98 |
| 1429010000 | HDC MF 16B DA  | 98 |
| 1429030000 | HDC MF 16B FA  | 98 |
| 1429050000 | HDC MF 24B AF  | 98 |
| 1429070000 | HDC MF 24B FA  | 98 |

## 1430000000

|            |                      |     |
|------------|----------------------|-----|
| 1433890000 | RJ45C3 S1D 2.7N4N RL | 127 |
| 1433900000 | RJ45C3 S1V 2.7N4N RL | 127 |
| 1433800000 | RJ45C5 T1D 3.2N4N TY | 127 |
| 1433810000 | RJ45C5 T1V 3.2N4N TY | 127 |
| 1433910000 | RJ45C6 T1U 2.7N4N TY | 127 |
| 1433920000 | RJ45C6 T1V 3.8N4N TY | 127 |

## 1450000000

|            |                      |     |
|------------|----------------------|-----|
| 1450710000 | IE-FC-IP-BP          | 107 |
| 1450550000 | IE-FC-SP-PWB/2ST     | 107 |
| 1450630000 | IE-FC-IP-PWB/2ST     | 107 |
| 1450600000 | IE-FC-SP-PWS/2ST/1D9 | 107 |

| Order No.  | Type                  | Page |
|------------|-----------------------|------|
| 1450690000 | IE-FC-IP-PWS/2ST/1D9  | 107  |
| 1450570000 | IE-FC-SP-PWS/4ST      | 107  |
| 1450640000 | IE-FC-IP-PWS/4ST      | 107  |
| 1450610000 | IE-FC-SP-PWS/2D9      | 107  |
| 1450680000 | IE-FC-IP-PWS/2D9      | 107  |
| 1450620000 | IE-FC-SP-PWU/2ST      | 107  |
| 1450700000 | IE-FC-IP-PWU/2ST      | 107  |
| 1450590000 | IE-FC-SP-2ST/2D9      | 107  |
| 1450670000 | IE-FC-IP-1ST/1D9/1D25 | 107  |
| 1450580000 | IE-FC-IP-1ST/1D9/1D25 | 107  |
| 1455220000 | RJ45C3 S1U 0.9N4N RL  | 127  |
| 1455240000 | RJ45C5 T1U 2.8N4N TY  | 127  |

## 1460000000

|            |               |    |
|------------|---------------|----|
| 1460150000 | UR20-4DI-P-TS | 18 |
|------------|---------------|----|

## 1480000000

|            |                       |    |
|------------|-----------------------|----|
| 1481960000 | ACT20P-PRO DCDC I-I-P | 31 |
|------------|-----------------------|----|

## 1490000000

|            |                         |    |
|------------|-------------------------|----|
| 1497670000 | BHF 5.00/03/180LH BK/BK | 35 |
| 1497500000 | BHF 5.00/04/180LH BK/BK | 35 |

## 1500000000

|            |                |     |
|------------|----------------|-----|
| 1508080000 | UR20-2FCNT-100 | 18  |
| 1508090000 | UR20-1SSI      | 18  |
| 1505650000 | HDC MHE 6P MC  | 98  |
| 1505660000 | HDC MHE 6P FC  | 98  |
| 1500840000 | AKKU EPG       | 151 |
| 1509370000 | LADEGERAET EPG | 151 |

## 1510000000

|            |                      |    |
|------------|----------------------|----|
| 1510290000 | ACT20P-CMT-60-AO-RCP | 31 |
| 1510320000 | ACT20P-CMT-30-AO-RCP | 31 |
| 1510240000 | ACT20C-MT-10-AO-RCS  | 34 |
| 1510420000 | ACT20C-MT-60-AO-RCS  | 34 |
| 1510470000 | ACT20P-CMT-10-AO-RCS | 34 |
| 1510330000 | ACT20P-CMT-10-AO-RCP | 34 |
| 1510540000 | ACT20P-CMT-30-AO-RCS | 34 |
| 1510320000 | ACT20P-CMT-30-AO-RCP | 34 |
| 1510440000 | ACT20P-CMT-60-AO-RCS | 34 |
| 1510290000 | ACT20P-CMT-60-AO-RCS | 34 |
| 1510390000 | ACT20P-CMT-60-RCS    | 34 |
| 1510280000 | ACT20P-CMT-60-RCP    | 34 |
| 1513970000 | APGTB 2.5 FT 2C/1    | 66 |
| 1513990000 | APGTB 2.5 FT 2C/1 BL | 66 |
| 1513870000 | APGTB 2.5 PE 2C/1    | 66 |
| 1514000000 | APGTB 2.5 FT 3C/1    | 66 |
| 1514020000 | APGTB 2.5 FT 3C/1 BL | 66 |
| 1513890000 | APGTB 2.5 PE 3C/1    | 66 |
| 1514030000 | APGTB 2.5 FT 4C/2    | 66 |
| 1514040000 | APGTB 2.5 FT 4C/2 BL | 66 |
| 1513920000 | APGTB 2.5 PE 4C/2    | 66 |
| 1514450000 | AEP PGTB 2.5 4C/2    | 67 |
| 1514470000 | AEP PGTB 2.5 4C/2 BL | 67 |

|            |                     |    |
|------------|---------------------|----|
| 1513830000 | APG 2.5 L           | 67 |
| 1513840000 | APG 2.5 L BL        | 67 |
| 1513850000 | APG 2.5 L GN        | 67 |
| 1513860000 | APG 2.5 MI          | 67 |
| 1513900000 | APG 2.5 MI BL       | 67 |
| 1513930000 | APG 2.5 MI GN       | 67 |
| 1513940000 | APG 2.5 R           | 67 |
| 1513950000 | APG 2.5 R BL        | 67 |
| 1513980000 | APG 2.5 R GN        | 67 |
| 1513720000 | APG 2.5/1           | 67 |
| 1513770000 | APG 2.5/10          | 67 |
| 1513640000 | APG 2.5/2           | 67 |
| 1513650000 | APG 2.5/3           | 67 |
| 1513820000 | APG 2.5/3-BG-BL-GN  | 67 |
| 1513670000 | APG 2.5/4           | 67 |
| 1513790000 | APG 2.5/4-3BG-GN    | 67 |
| 1513680000 | APG 2.5/5           | 67 |
| 1513780000 | APG 2.5/5-3BG-BL-GN | 67 |
| 1513690000 | APG 2.5/6           | 67 |
| 1513700000 | APG 2.5/7           | 67 |
| 1513730000 | APG 2.5/8           | 67 |
| 1513740000 | APG 2.5/9           | 67 |

## 1530000000

|            |                           |     |
|------------|---------------------------|-----|
| 1534750000 | RJ45M R1V 3.3N4Y/G/YG TY  | 127 |
| 1534760000 | RJ45E1 R1V 3.3N4Y/G/YG TY | 127 |

## 1540000000

|            |                         |     |
|------------|-------------------------|-----|
| 1548060000 | APGTB 2.5 2T 4C/2       | 66  |
| 1548070000 | APGTB 2.5 2T 4C/2 BL    | 66  |
| 1548130000 | APGTB 2.5 2T FT-PE 4C/2 | 66  |
| 1548160000 | APGTB 2.5 2T PE 4C/2    | 66  |
| 1548140000 | APGTB 2.5 2T VL 4C/2    | 66  |
| 1548150000 | APGTB 2.5 2T VL 4C/2 BL | 66  |
| 1543710000 | IE-FC-IP-PWU/1ST/CB     | 107 |
| 1549730000 | USB3.0A R1V 3.0N2 TY BL | 127 |

| Order No. | Type | Page |
|-----------|------|------|
|-----------|------|------|

## 1550000000

|            |                      |    |
|------------|----------------------|----|
| 1550070000 | UR20-4DI-2W-230V-AC  | 18 |
| 1550030000 | ACT20C-CMT-30-AO-RCS | 34 |

## 1560000000

|            |                                 |    |
|------------|---------------------------------|----|
| 1562000000 | WPD 104 1x25+1x16/2x16+3x10 GY  | 80 |
| 1562150000 | WPD 204 2X25/4X16+6X10 2XGY     | 80 |
| 1562160000 | WPD 304 3X25/6X16+9X10 3XGY     | 80 |
| 1562170000 | WPD 105 1x35+1x16/2x25+3x16 GY  | 80 |
| 1562180000 | WPD 205 2X35/4X25+6X16 2XGY     | 80 |
| 1562190000 | WPD 305 3X35/6X25+9X16 3XGY     | 80 |
| 1562210000 | WPD 106 1X70/2X25+3X16 GY       | 80 |
| 1562220000 | WPD 107 1X95/2X35+8X25 GY       | 80 |
| 1562100000 | WPD 108 1X120/2X35+3X25+4X16 GY | 80 |
| 1562090000 | WPD 109 1X185/2X35+3X25+4X16 GY | 80 |

## 1980000000

|             |                         |     |
|-------------|-------------------------|-----|
| 1989220000  | BHF 5.00/02/180LH BK/BL | 35  |
| 1988380000  | BHF 5.00/02/180LH BK/OR | 35  |
| 1989200000  | BHF 5.00/03/180LH BK/BL | 35  |
| 1989210000  | BHF 5.00/03/180LH BK/OR | 35  |
| 1989090000  | BHF 5.00/04/180LH BK/BL | 35  |
| 1989190000  | BHF 5.00/04/180LH BK/OR | 35  |
| 1988160000  | AAP11 1.5 LI RD         | 88  |
| 1988140000  | AAP11 6 FE              | 88  |
| 1988130000  | AAP11 6 LO BL           | 88  |
| 1989780000  | AAP11 6 LD RD           | 88  |
| 1988200000  | AAP12 10 FE             | 88  |
| 1988180000  | AAP12 10 LD BL          | 88  |
| 1988750000  | AMG ELM-Q222            | 37  |
| 1988700000  | AMG ELM-Q2244           | 37  |
| 19881820000 | AMG ELM-Q2266           | 37  |
| 19880880000 | AMG ELM-Q4444           | 37  |
| 1988270000  | AMG ELM-Q6666           | 37  |
| 1988260000  | AAP13 6 LO-LD           | 88  |
| 1988240000  | AAP14 10 FE-LD          | 88  |
| 1988250000  | AAP14 10 LO-LD          | 88  |
| 1988230000  | AAP14 2.5 LHJ           | 88  |
| 1988320000  | AEP AP11                | 88  |
| 1988300000  | AEP AP12                | 88  |
| 1988340000  | AEP AP14                | 88  |
| 1985910000  | USB2.0A T1V 2.5N4 TY BK | 127 |

## 1990000000

|            |                         |    |
|------------|-------------------------|----|
| 1993880000 | UR20-4AI-U1-DIF-16-DIAG | 19 |
| 1990070000 | UR20-2AI-SG-24-DIAG     | 19 |
| 1992240000 | AIQ21 1.5 SO            | 84 |
| 1992250000 | AIQ21 1.5 SO-PE         | 84 |
| 1992230000 | AIQ22 1.5 SI-PE         | 84 |
| 1992220000 | AIQ23 1.5 2SI           | 84 |
| 1993580000 | AEP IO21                | 84 |
| 1993590000 | AEP IO22                | 84 |
| 1993600000 | AEP IO23                | 84 |
| 1990140000 | AEP AP13                | 88 |

## 2000000000

|            |                         |     |
|------------|-------------------------|-----|
| 2007420000 | UR20-3EM-230V-AC        | 19  |
| 2003890100 | HDC XX5E01 MDXXXXX-0100 | 98  |
| 2003850100 | HDC XX6A01 FDXXXXX-0100 | 98  |
| 2003820100 | HDC XX6A01 MDXXXXX-0100 | 98  |
| 2003170000 | IE-FC-DFM-KNOB          | 107 |
| 2003180000 | IE-FC-DFM-KEY           | 107 |
| 2426270000 | UR67-MP-HP-16DI-12-60M  | 14  |
| 2003190000 | IE-FC-DFM-CAB           | 107 |
| 2003150000 | IE-FC-DFM-CAB-DB        | 107 |
| 2004810000 | IE-FC-DSP-CI/3A/2ST/1D9 | 107 |
| 2003730000 | IE-FC-DIP-CI/3A/2ST/1D9 | 107 |
| 2004890000 | IE-FC-DIP-BP            | 107 |
| 2003340000 | IE-FC-DF-IPH            | 60  |
| 2003350000 | IE-FC-IP-PWB/1D9        | 107 |
| 2007100000 | DEK 5/3.5 MM WS         | 136 |
| 2007110000 | DEK 5/5 MM WS           | 136 |
| 2007120000 | DEK 5/6 MM WS           | 136 |
| 2007130000 | DEK 5/8 MM WS           | 136 |
| 2007140000 | WS 8/3.5 MM WS          | 136 |
| 2007150000 | WS 8/5 MM WS            | 136 |
| 2007160000 | WS 8/6 MM WS            | 136 |
| 2007170000 | WS 8/8 MM WS            | 136 |
| 2007180000 | AFS 4 2C 10-36V BK      | 70  |
| 2428920000 | AAP21 10 FE             | 88  |
| 2007200000 | WS 12/5 MM WS           | 136 |
| 2007210000 | WS 12/8 MM WS           | 136 |

## 2030000000

|            |                          |     |
|------------|--------------------------|-----|
| 2035590000 | MCV APG 2.5              | 67  |
| 2036460000 | RJ45M T1D 3.3E4G/Y RL    | 127 |
| 2036510000 | RJ45E1 R1D2 3.3EYG/YG RL | 127 |

## 2040000000

|            |                      |    |
|------------|----------------------|----|
| 2044840000 | ACT20C-CML-10-AO-RCS | 34 |
| 2044850000 | ACT20P-CML-10-AO-RCS | 34 |

| Order No. | Type | Page |
|-----------|------|------|
|-----------|------|------|

## 2050000000

|            |             |    |
|------------|-------------|----|
| 2051400000 | A3C 4 BK    | 70 |
| 2051280000 | A3C 4 BL    | 70 |
| 2051350000 | A3C 4 GN    | 70 |
| 2051460000 | A3C 4 LTGY  | 70 |
| 2051320000 | A3C 4 OR    | 70 |
| 2051410000 | A3C 4 PE    | 70 |
| 2051300000 | A3C 4 RD    | 70 |
| 2051370000 | A3C 4 WT    | 70 |
| 2051340000 | A3C 4 YL    | 70 |
| 2051720000 | AEP 3C 4    | 70 |
| 2051880000 | AEP 3C 4 BL | 70 |
| 2051890000 | AEP 3C 4 OR | 70 |

## 2060000000

</

| Order No.  | Type              | Page |
|------------|-------------------|------|
| 2505240000 | ES EPG 60 HEX 150 | 151  |
| 2505250000 | ES EPG 60 HEX 185 | 151  |
| 2505260000 | ES EPG 60 HEX 240 | 151  |
| 2505270000 | ES EPG 60 HEX 300 | 151  |
| 2505280000 | ES EPG 60 DIN 6   | 151  |
| 2505290000 | ES EPG 60 DIN 10  | 151  |
| 2505300000 | ES EPG 60 DIN 16  | 151  |
| 2505310000 | ES EPG 60 DIN 25  | 151  |
| 2505320000 | ES EPG 60 DIN 35  | 151  |
| 2505330000 | ES EPG 60 DIN 50  | 151  |
| 2505340000 | ES EPG 60 DIN 70  | 151  |
| 2505350000 | ES EPG 60 DIN 95  | 151  |
| 2505360000 | ES EPG 60 DIN 120 | 151  |
| 2506000000 | WB I T10          | 153  |
| 2506010000 | WB I T15          | 153  |
| 2506020000 | WB I T20          | 153  |
| 2506030000 | WB I VK 1         | 153  |
| 2506040000 | WB I VK 2         | 153  |
| 2506050000 | WB I SK 2.5       | 153  |
| 2506060000 | WB I SK 3         | 153  |
| 2506070000 | WB I SK 4         | 153  |
| 2506080000 | WB I SK 5         | 153  |

## 2510000000

|            |                                 |     |
|------------|---------------------------------|-----|
| 2517450000 | PICOPAK-CD-LPS                  | 33  |
| 2518330000 | WPD 204 2X25/4X16+6X10 2XBL     | 80  |
| 2518340000 | WPD 304 3X25/6X16+9X10 3XBL     | 80  |
| 2518540000 | WPD 105 1x35+ 1x16/2x25+3x16 BL | 80  |
| 2519470000 | WPD 205 2X35/4X25+6X16 2XBL     | 80  |
| 2518570000 | WPD 106 1X70/2X25+3X16 BL       | 80  |
| 2519480000 | WPD 108 1X120/2X35+3X25+4X16 BL | 80  |
| 2519490000 | WPD 109 1X185/2X35+3X25+4X16 BL | 80  |
| 2514600000 | RJ45C3 S1V 2.7E4N RL            | 127 |
| 2516380000 | RJ45C5 R1V 3.2N4G/Y TY          | 127 |
| 2519170000 | MF 10/5 MM WS                   | 136 |
| 2519180000 | MF 10/6 MM WS                   | 136 |
| 2519190000 | MF 10/8 MM WS                   | 136 |
| 2519200000 | MF 5/5 MM WS                    | 136 |
| 2519210000 | MF 5/6 MM WS                    | 136 |
| 2518500000 | MF 8/5 MM WS                    | 136 |
| 2519220000 | MF-W 9/5 MINI MM WS             | 136 |
| 2519230000 | MF-W 9/5 MM WS                  | 136 |
| 2519250000 | MF-W 9/5.2 F MM WS              | 136 |
| 2519240000 | MF-W 9/5 F MM WS                | 136 |
| 2519060000 | SFX 11/60 MM BL                 | 136 |
| 2519050000 | SFX 11/60 MM GN                 | 136 |
| 2519040000 | SFX 11/60 MM RT                 | 136 |
| 2518650000 | SFX 11/60 MM SW                 | 136 |
| 2519140000 | SFX 30/60 MM BL                 | 136 |
| 2519110000 | SFX 30/60 MM GN                 | 136 |
| 2519130000 | SFX 30/60 MM RT                 | 136 |
| 2519120000 | SFX 30/60 MM SW                 | 136 |
| 2519100000 | SFX 9/24 MM BL                  | 136 |
| 2519080000 | SFX 9/24 MM GN                  | 136 |
| 2519090000 | SFX 9/24 MM RT                  | 136 |
| 2519070000 | SFX 9/24 MM SW                  | 136 |
| 2518680000 | EL 12 MM BL 30M                 | 136 |
| 2518990000 | EL 15 MM BL 30M                 | 136 |
| 2519000000 | EL 27 MM BL 30M                 | 136 |
| 2519010000 | EL 38 MM BL 30M                 | 137 |
| 2519020000 | EL 60 MM BL 30M                 | 137 |
| 2519030000 | EL 100 MM BL 30M                | 137 |
| 2519160000 | ELS 7/40 MM GE                  | 137 |
| 2518620000 | ELS 7/40 MM WS                  | 137 |
| 2518740000 | HSS-HF 1.2-2.4 EL SW30M         | 137 |
| 2518920000 | HSS-HF 1.6-3.2 EL SW30M         | 137 |
| 2518980000 | HSS-HF 12.7-25.4EL SW30M        | 137 |
| 2518930000 | HSS-HF 2.4-4.8 EL SW30M         | 137 |
| 2518940000 | HSS-HF 3.2-6.4 EL SW30M         | 137 |
| 2518950000 | HSS-HF 4.8-9.5 EL SW30M         | 137 |
| 2518960000 | HSS-HF 6.4-12.7 EL SW30M        | 137 |
| 2518970000 | HSS-HF 9.5-19.1 EL SW30M        | 137 |

## 2520000000

|            |                               |     |
|------------|-------------------------------|-----|
| 2521770000 | WPD 305 3X35/6X25+9X16 3XBL   | 80  |
| 2521730000 | WPD 107 1X95/2X35+8X25 BL     | 80  |
| 2522870000 | AAP11 1.5 LU BL/OR            | 88  |
| 2522720000 | AAP11 6 LU BL/OR              | 88  |
| 2522860000 | AAP12 10 LU BL/OR             | 88  |
| 2522840000 | AAP12 2.5 LU BL/OR            | 88  |
| 2524850000 | FP ESWB TERMINAL SET          | 101 |
| 2527880000 | WIL-STANDARD-1.5-SCREW-SW-WHI | 105 |
| 2527890000 | WIL-STANDARD-3.0-SCREW-SW-WHI | 105 |
| 2527900000 | WIL-STANDARD-5.0-SCREW-SW-WHI | 105 |
| 2527910000 | WIL-STANDARD-10-SCREW-SW-WHI  | 105 |
| 2527920000 | WIL-STANDARD-1.5-MAG-SW-WHI   | 105 |
| 2527950000 | WIL-STANDARD-10-MAG-SW-WHI    | 105 |
| 2527930000 | WIL-STANDARD-3.0-MAG-SW-WHI   | 105 |
| 2527940000 | WIL-STANDARD-5.0-MAG-SW-WHI   | 105 |
| 2526810000 | WIL-MAGNET                    | 105 |
| 2528320000 | EL 12 MM GN 30M               | 136 |
| 2528220000 | EL 12 MM RT 30M               | 136 |
| 2528380000 | EL 12 MM SW 30M               | 136 |
| 2528330000 | EL 15 MM GN 30M               | 136 |
| 2528270000 | EL 15 MM RT 30M               | 136 |
| 2528390000 | EL 15 MM SW 30M               | 136 |
| 2528340000 | EL 27 MM GN 30M               | 136 |

| Order No.  | Type                   | Page |
|------------|------------------------|------|
| 2528280000 | EL 27 MM RT 30M        | 136  |
| 2528400000 | EL 27 MM SW 30M        | 136  |
| 2528350000 | EL 38 MM GN 30M        | 137  |
| 2528290000 | EL 38 MM RT 30M        | 137  |
| 2528410000 | EL 38 MM SW 30M        | 137  |
| 2528360000 | EL 60 MM GN 30M        | 137  |
| 2528300000 | EL 60 MM RT 30M        | 137  |
| 2528420000 | EL 60 MM SW 30M        | 137  |
| 2528370000 | EL 100 MM GN 30M       | 137  |
| 2528310000 | EL 100 MM RT 30M       | 137  |
| 2528430000 | EL 100 MM SW 30M       | 137  |
| 2526030000 | HS 0.8-2.4/12 MM W     | 137  |
| 2526060000 | HS 0.8-2.4/12 MM Y     | 137  |
| 2526070000 | HS 1.0-3.2/12 MM W     | 137  |
| 2526080000 | HS 1.0-3.2/12 MM Y     | 137  |
| 2528090000 | HS 1.6-4.8/12 MM W     | 137  |
| 2528100000 | HS 1.6-4.8/12 MM Y     | 137  |
| 2526110000 | HS 2.1-6.4/12 MM W     | 137  |
| 2526120000 | HS 2.1-6.4/12 MM Y     | 137  |
| 2526130000 | HS 3.2-9.5/12 MM W     | 137  |
| 2526140000 | HS 3.2-9.5/12 MM Y     | 137  |
| 2526150000 | HS 4.2-12.7/12 MM W    | 137  |
| 2526160000 | HS 4.2-12.7/12 MM Y    | 137  |
| 2526230000 | HS-HF 1.2-2.4/12 MM W  | 137  |
| 2526240000 | HS-HF 1.2-2.4/12 MM Y  | 137  |
| 2528250000 | HS-HF 1.6-3.2/12 MM W  | 137  |
| 2528260000 | HS-HF 1.6-3.2/12 MM Y  | 137  |
| 2526270000 | HS-HF 2.4-4.8/12 MM W  | 137  |
| 2526280000 | HS-HF 2.4-4.8/12 MM Y  | 137  |
| 2526290000 | HS-HF 3.2-6.4/12 MM W  | 137  |
| 2526300000 | HS-HF 3.2-6.4/12 MM Y  | 137  |
| 2526310000 | HS-HF 4.8-9.5/12 MM W  | 137  |
| 2526320000 | HS-HF 4.8-9.5/12 MM Y  | 137  |
| 2526330000 | HS-HF 6.4-12.7/12 MM W | 137  |
| 2526340000 | HS-HF 6.4-12.7/12 MM Y | 137  |

## 2530000000

|            |                       |     |
|------------|-----------------------|-----|
| 2535930000 | IE-SR-2GT-LTE/4G-EU   | 39  |
| 2535940000 | IE-SR-6GT-LAN         | 39  |
| 2535950000 | IE-SR-6GT-LTE/4G-US   | 39  |
| 2535960000 | IE-SR-6GT-LTE/4G-EU   | 39  |
| 2536650000 | IE-WLT-BL-AP-CL-EU    | 40  |
| 2536660000 | IE-WL-BL-AP-CL-US     | 40  |
| 2536670000 | IE-WLT-BL-AP-CL-US    | 40  |
| 2536680000 | IE-WL-VL-AP-BR-CL-EU  | 40  |
| 2536690000 | IE-WLT-VL-AP-BR-CL-EU | 40  |
| 2536710000 | IE-WLT-VL-AP-BR-CL-US | 40  |
| 2534290000 | A3C 4 BR              | 70  |
| 2534360000 | A3C 4 DBL             | 70  |
| 2534550000 | HDC LL 06B N          | 100 |
| 2535150000 | HDC LL 10B N          | 100 |
| 2535770000 | WIL-145-W-M12G-0.3U-S | 105 |
| 2535810000 | WIL-350-W-M12G-0.3U-S | 105 |
| 2535830000 | WIL-450-W-M12G-0.3U-S | 105 |
| 2535850000 | WIL-555-W-M12G-0.3U-S | 105 |
| 2535870000 | WIL-655-W-M12G-0.3U-S | 105 |
| 2535890000 | WIL-765-W-M12G-0.3U-S | 105 |
| 2535910000 | WIL-860-W-M12G-0.3U-S | 105 |
| 2531330000 | IE-REDU-6-R-PS-VAPM   | 108 |
| 2530550000 | VPV PV II 3 1000      | 109 |
| 2530660000 | VPV PV II 0 1000      | 109 |
| 2530650000 | VPV PV II 3 R 1500    | 109 |
| 2530640000 | VPV PV II 3 1500      | 109 |
| 2530630000 | VPV PV II 0 1500      | 109 |
| 2530620000 | VPV PV I-II 3 R 1000  | 109 |
| 2530610000 | VPV PV I-II 3 1000    | 109 |
| 2530600000 | VPV PV I-II 0 1000    | 109 |
| 2534300000 | VPV PV I-II OM 1000   | 109 |
| 2530590000 | VPV PV I-II 3 R 1500  | 109 |
| 2530580000 | VPV PV I-II 3 1500    | 109 |
| 2530570000 | VPV PV I-II 0 1500    | 109 |
| 2534330000 | VPV PV I-II OM 1500   | 109 |
| 2535620000 | SM 22/22 MM GE        | 136 |
| 2535630000 | SM 22/22 MM GR        | 136 |
| 2535610000 | SM 22/22 MM WS        | 136 |

## 2540000000

|            |                                |     |
|------------|--------------------------------|-----|
| 2545120000 | ITS 24-240VUC M7C PU10         | 41  |
| 2548140000 | AFS 4 2C BK/BL                 | 70  |
| 2545550000 | DG M20 PT6                     | 102 |
| 2548060000 | IE-FC-IP-PWB                   | 106 |
| 2544950000 | BUF 10.16IT/04/180MF4 AG BK BX | 117 |
| 2544500000 | RJ45G1 R12D 3.3EG/Y TY         | 127 |
| 2544510000 | RJ45G1 R1D 3.3EG/Y TY          | 127 |

## 2550000000

|            |                        |     |
|------------|------------------------|-----|
| 2555850000 | UV66-ADV-15-CAP-W      | 22  |
| 2556830000 | UV66-ADV-7-CAP-W       | 22  |
| 2556820000 | UV66-BAS-10-RES-W      | 22  |
| 2556800000 | UV66-BAS-4-RES-W       | 22  |
| 2556810000 | UV66-BAS-7-RES-W       | 22  |
| 2559100000 | RJ45M R12D 3.2N4G/Y RL | 127 |
| 2552780000 | CD 80x80 8/12          | 139 |
| 2552740000 | CD 80x60 8/12          | 139 |
| 2552690000 | CD 80x40 8/12          | 139 |

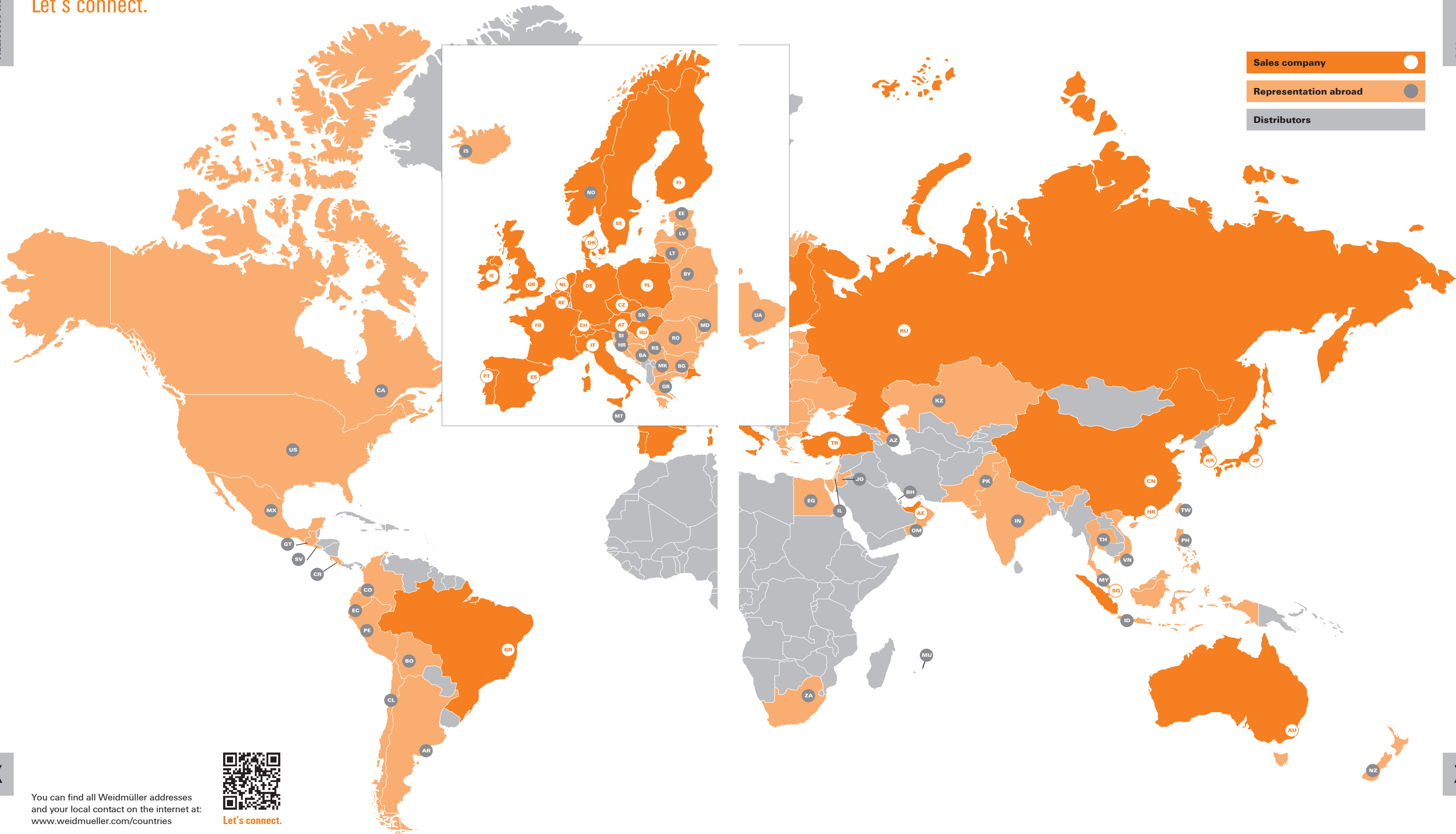
| Order No.  | Type           | Page |
|------------|----------------|------|
| 2552640000 | CD 80x25 8/12  | 139  |
| 2552930000 | CD 80x200 8/12 | 139  |
| 2552900000 | CD 80x150 8/12 | 139  |
| 2552870000 | CD 80x120 8/12 | 139  |
| 2552820000 | CD 80x100 8/12 | 139  |
| 2552770000 | CD 60x80 8/12  | 139  |
| 2552730000 | CD 60x60 8/12  | 139  |
| 2552680000 | CD 60x40 8/12  | 139  |
| 2552630000 | CD 60x25 8/12  | 139  |
| 2552920000 | CD 60x200 8/12 | 139  |
| 2552890000 | CD 60x150 8/12 | 139  |
| 2552860000 | CD 60x120 8/12 | 139  |
| 2552810000 | CD 60x100 8/12 | 139  |
| 2552760000 | CD 40x80 8/12  | 139  |
| 2552720000 | CD 40x60 8/12  | 139  |
| 2552670000 | CD 40x40 8/12  | 139  |
| 2552620000 | CD 40x25 8/12  | 139  |
| 2552850000 | CD 40x120 8/12 | 139  |
| 2552800000 | CD 40x100 8/12 | 139  |
| 2552710000 | CD 30x60 8/12  | 139  |
| 2552660000 | CD 30x40 8/12  | 139  |
| 2552600000 | CD 30x25 8/12  | 139  |





# Addresses worldwide

Let's connect.



You can find all Weidmüller addresses and your local contact on the internet at: [www.weidmueller.com/countries](http://www.weidmueller.com/countries)



Let's connect.

We cannot guarantee that there are no mistakes in the publications or software provided by us to the customer for the purpose of making orders. We try our best to quickly correct errors in our printed media.

**X**

All orders are based on our general terms of delivery, which can be reviewed on the websites of our group companies where you place your order. On demand we can also send the general terms of delivery to you.

## **Weidmüller – Your partner in Industrial Connectivity**

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Industrial Connectivity.

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 16  
32758 Detmold, Germany  
T +49 5231 14-0  
F +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

Personal support can  
be found on our website:  
[www.weidmueller.com/contact](http://www.weidmueller.com/contact)

Made in Germany



Order number: 2547430000/11/2017/SMB