PCB terminals and connectors
High-quality components and unique design-in services

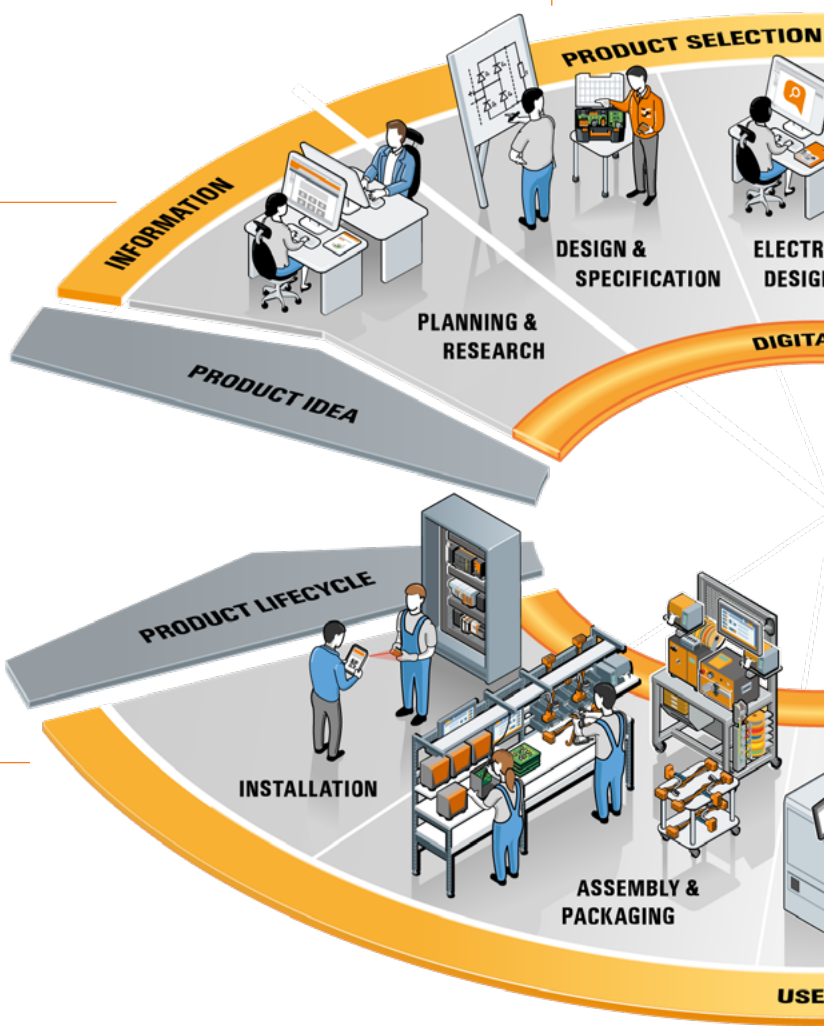
OMNIMATE® device connectivity



Device developments designed with unique efficiency

OMNIMATE® during a typical device development phase

Efficient planning and design-in processes save you valuable time in product development. In addition to our PCB components, we offer a wide range of support tools and services.



Introductory video
We offer customised services for every step of your device development process, from obtaining initial information to plug-in connector installation in the field. OMNIMATE® services help you to reduce your project costs and time to market in a targeted way.

Webcode #11555

Installation videos
A handling video is available for each of our articles – scan a QR code on the product or its packaging to open them.
The videos provide you with useful handling information step by step, making installation even easier, safer, and more convenient for you.

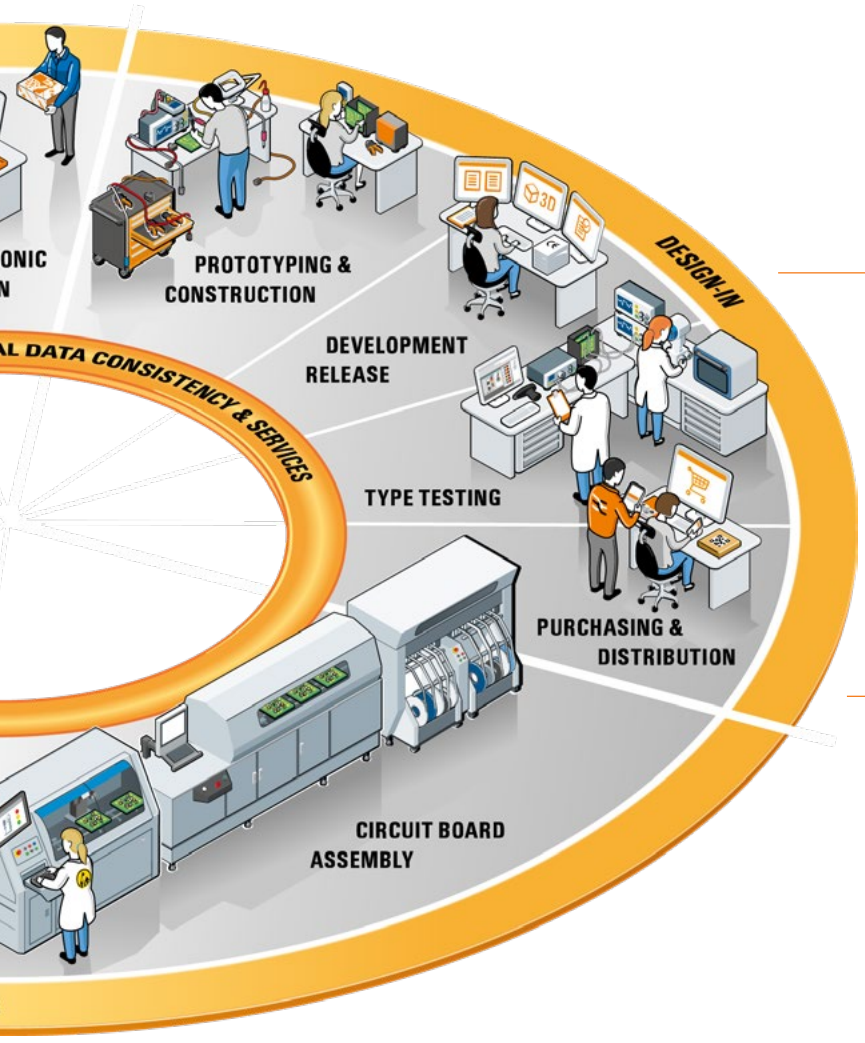
Webcode #11556

eShop
Our eShop helps you to quickly find the right products for your projects and easily place orders.
View individual pricing calculations with corresponding agreements, and receive delivery information in real-time.

Webcode #11557

24/7 Online-Services

The right know-how at any time, helpful support and reliable services for your device development.
www.weidmueller.com/omnimate-services



ConnectorGuide
This online tool allows us to offer precise product recommendations with just a few clicks. There are two ways to use the tool: simply select
a.) "Search by Application" or
b.) "Search by Product", and the ConnectorGuide recommends custom-tailored connection solutions to you.

Webcode #01171

72h sample service
With the sample service, you receive your personal design-in sample within just 72 hours. The service is available for free worldwide, and without prior registration.

Webcode #01162

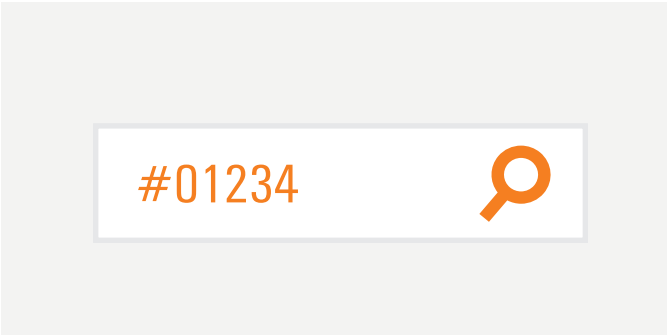
Product configurator
The configurator allows you to easily configure our modular SNAP IN products. You can mark them with symbols & colours or generate hybrid plug-in connectors by combining power, signal & data connections from individual modules. All necessary engineering and free product samples are also available in just a few clicks.

Webcode #11558

Many ways lead to the right product
Our online services as process-optimisation tools

There is more than one route to the final layout. Our support concept will assist you in all of your search and selection options.

Weidmüller has fundamentally re-designed the selection and ordering process for device connectivity in a way that better suits your application. In the future, there'll no longer be just the one path to the right product; there'll just be the right path: yours.



Webcode selection

For an application, you need certain specifications for certain products. Our new webcode allows you to go directly to the relevant products: simply choose the required product from the following pages and enter the hashtag with five-digit code on our website, and you'll be directed to the relevant details.

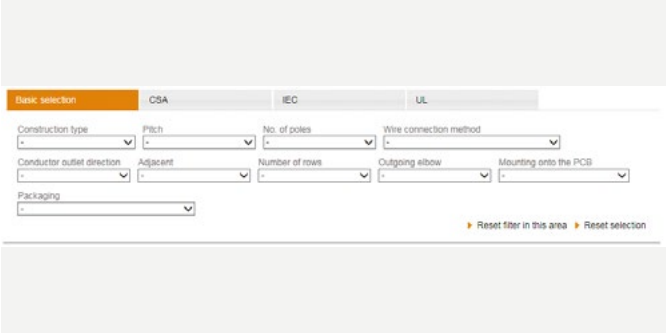
www.weidmueller.com



The ConnectorGuide

When working with applications, you'll need to find ways of successfully implementing your ideas.
Simply select your device application in our ConnectorGuide, and we will recommend a range of products for all the different functions of your device.

Webcode #01171



Specification filters

In our online shop in the area of device connectivity, you filter the right product in seconds using your product and application requirements.

Webcode #11534



Webcode: the hashtag for easy product searching

A hashtag followed by five digits – that's all you need to find out detailed information about the products in our wide-ranging portfolio. Entering the sequence of characters activates certain product groups or an individual product.

Where can I find the webcode?
Next to the product, either in this brochure or online.

Where do I enter the webcode?
Just enter the code into the search screen on our website (ww.weidmueller.com). *

Where will I be directed to once I've entered the webcode?
You'll be taken to the product specifications and technical details, as well as additional info and downloads.

* Note: Make sure that the pop-up blocker settings are disabled

Your device application
Our ConnectorGuide for device developers

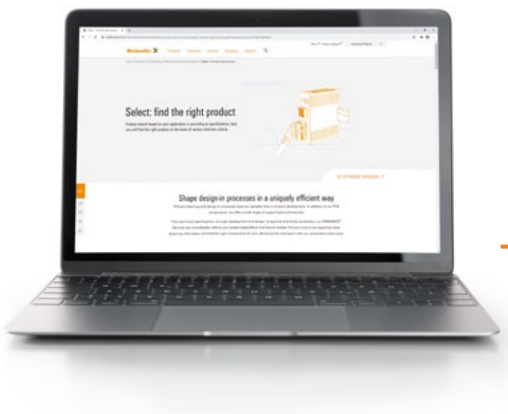
Based on your application, the ConnectorGuide will show you a representative range of products for the different functions of your device.

The overview will show you the application as you know it. Move the cursor over the markings to find out information on the connection technology for sub-assemblies and components. And it's just a few more clicks from here to your desired product.

ConnectorGuide
for device developers

Webcode #01170

ConnectorGuide
Simply select your device application in our ConnectorGuide, and we will recommend a range of products for all the different functions of your device.
www.weidmueller.com/connectorguide





1. Open the ConnectorGuide
Go to: www.weidmueller.com/appguide or use the **Webcode #01171**

2. Select the application
Hotspots will show you the way to our recommended products

Go directly to your application with the webcode



Industrial controls



Drive controllers and regulators



Devices of machine safety



Analogue signal converter



Photovoltaic inverter



Power supply



Radio base stations



Heating electronics



Building security equipment



LED lighting systems



Elevator electronics devices



Smart Meter



Industrial IoT Network



Charging infrastructure for e-mobility



Energy Storage





3. Select product group

Use the hotspots to find the perfect products for your applications

4. Receive the product

Configure your selection and use the available functions of our online catalogue

An example of the OMNIMATE® Signal device connection method used in an industrial control application.

The trend in industrial automation technology is towards space-saving, cost-effective design. This results in higher density in the controls and individual components. At the same time, cost pressure and the demands of plant safety also increase. Furthermore, standards across all industries have to be complied with and automation know-how must be kept in tip-top shape.

We have been closely monitoring developments in electrical engineering and processing through all their stages and our range of products meets the trends and in many cases anticipates them. One example is our pin headers, which were optimised for the automated assembly and reflow soldering processes in advance. We are specialists in industrial connectivity. With an eye on practical application, we can support you in all your needs for automation and systems technology (measurement, industrial process and control technology), particularly in the areas of sensor actuator interfaces and power supplies.

We think you will be very pleased with our broad spectrum of products, particularly those in the OMNIMATE® family. You have a choice of device connectivity products which you can trust to be perfectly suited to your application needs. Our customer service staff is on hand to advise you in the selection process. In addition, our online configurator, located on our website, can help you put together your own entire product from the comfort of your computer. You can also find a 3D CAD tool for your product development free of charge under our Downloads section online. To round off our service, we offer our unique, on-demand 72-hour sample service, which ensures that you get the sample you request directly on site within three days.



Power supply & peripherals
PCB terminals and connectors, in 5.08 pitch, with PUSH IN or screw wire connections

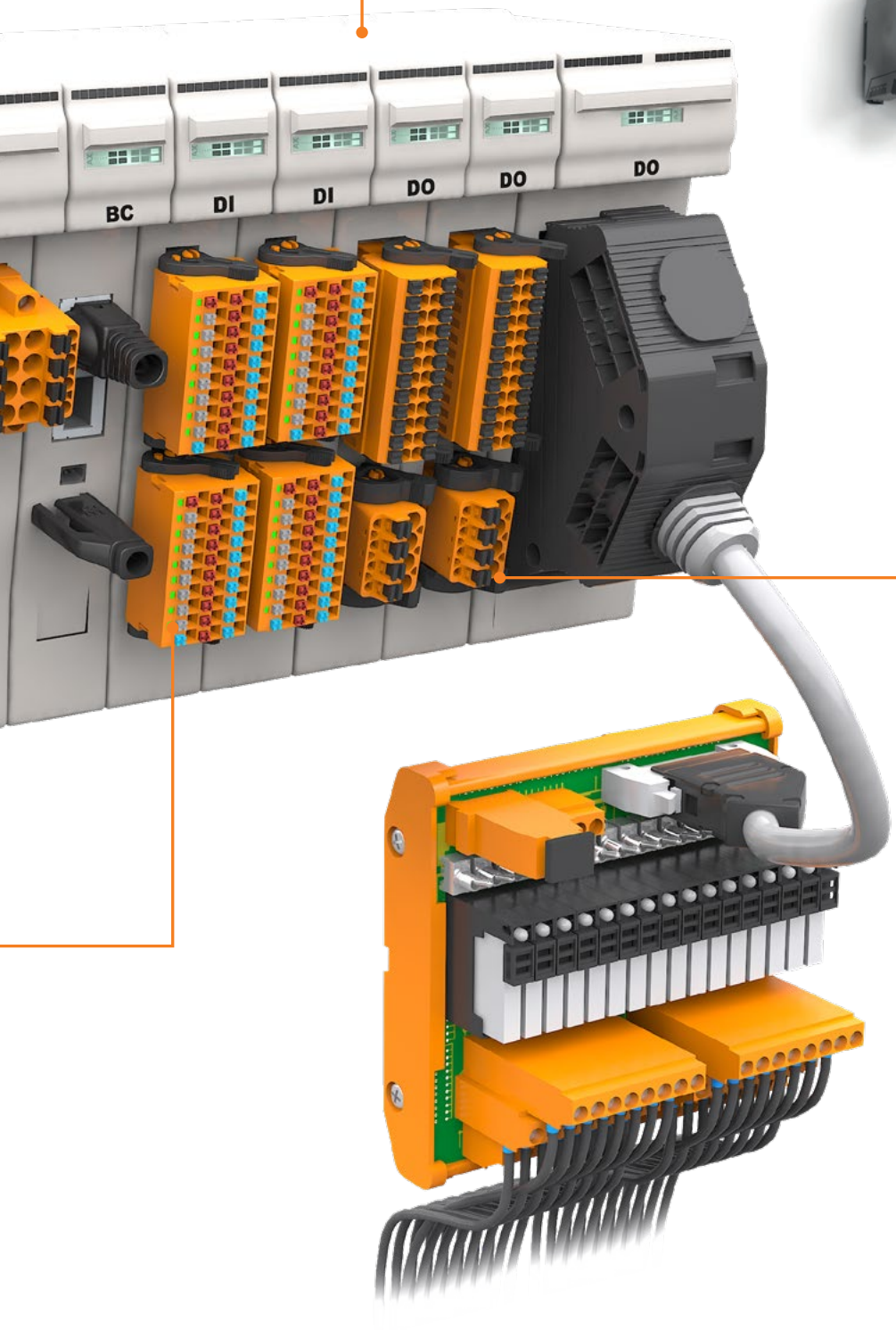


Input card
PCB BL-I/O plug-in connectors with PUSH IN connections for the most compact solution



Housings
CH20M electronic component housing in module widths of 6 mm to 67.5 mm





Output card
Compact B2CF 3.5 mm PCB plug-in connectors in two rows of PUSH IN connection



An example of the OMNIMATE® Power device connection method in a frequency converter application.

Webcode #11560

Semiconductor technology for power electronics has progressed at a steady pace in the last few years enabling more complex drive controllers to be manufactured, e.g. for rotational speed controllers or for precise positioning systems. So it's more important than ever to take advantage of connection technology that you can trust now and in the future.

We specialise in industrial connectivity; our connectivity solutions for the power electronics sector are backed by our comprehensive, real-world expertise. We understand the extremely demanding requirements for the servo-controllers and frequency inverters that are common in this business. Voltages of 400 to 690 V (according to IEC) and 600 V (according to UL), and up to 1,000 V in DC circuits, are not uncommon for such equipment. That is why you require high current-carrying capacity implemented in the most compact space possible. We can provide superior connectivity solutions to meet these challenging requirements.

You will be impressed with the vast range of our OMNIMATE® product line. Our OMNIMATE® Signal, OMNIMATE® Power, OMNIMATE® Housings and FieldPower® series offer you a choice range of products and the ideal connectivity solution for your application. We also support you with free 3D CAD files, which can be downloaded from the Weidmüller Online Configurator. In addition our unique, convenient and quick 72-hour OMNIMATE® sample service guarantees your design project stays on schedule. This service is convenient and quick to use – you receive the requested samples within 72 hours.

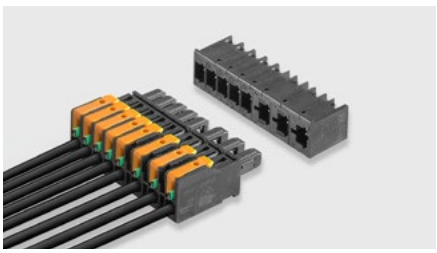
Network connection
Industry compliant plugs and sockets with the innovative Single Pair Ethernet technology.



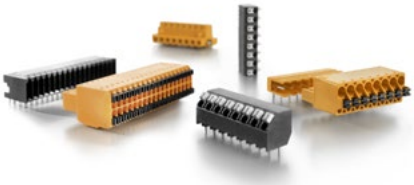




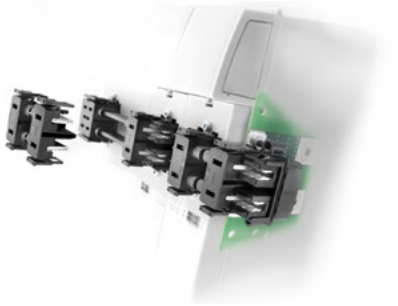
Motor connection compact
Modular and hybrid system for the construction of connectors for signals and power.
Fast, secure and tool-free wiring thanks to the unique SNAP IN connection.

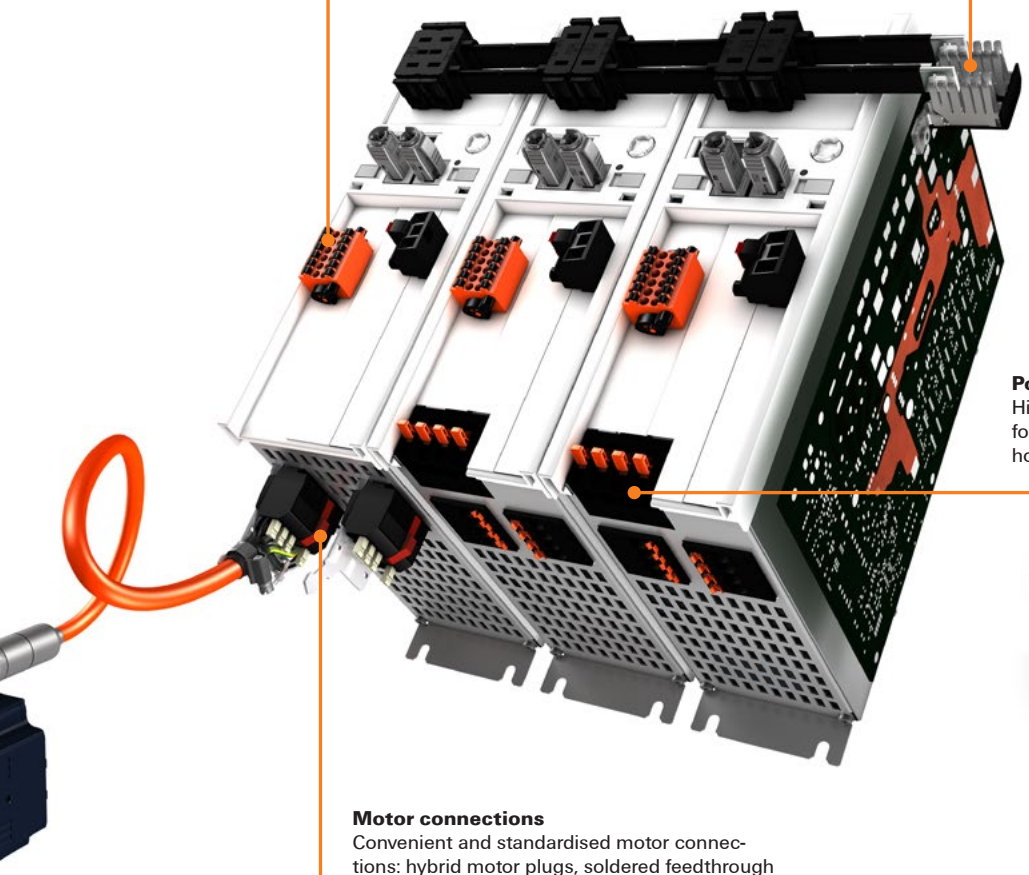


Safety circuit / External I/Os
PCB terminals and connectors with PUSH IN or screw connection



Intermediate circuits (DC-Link)
Device feedthrough terminals for direct connections, PCB terminals, connectors carrying high voltages safely





Power supply
High-performance connectors and terminals for circuit boards; terminals for feeding through housing walls



Motor connections
Convenient and standardised motor connections: hybrid motor plugs, soldered feedthrough terminals and PCB terminals blocks



Industrial IoT network as a reference for OMNIMATE® Data device connection technology

Ethernet devices such as switches, safety routers or IoT gateways are perfect communication components within an industrial network. For simple to complex real-time networks in plant and machine construction, different categories of devices are used. They form a perfect platform in the industrial environment and its connection to superordinate office networks and cloud services. In order for the communication between Ethernet-capable devices to function smoothly, high-performance connectors are required that can withstand the high requirements in terms of EMC and temperature resistance.

Webcode #01171

Service Interface
Standardised connector such as USB (type A, B or C) for serial interfaces.





Ethernet-Ports
High-performance connectors for data transmission including a wide range of Single Pair Ethernet products for miniaturization and future security.



Power Supply
Intuitive connectors with visual connection indicators or supply of neighbouring components by means of cross-connections.

Input and output signals
PCB terminal blocks and connectors with a pitch of 3.50 to 5.08 mm with PUSH IN connection and high packing density







OMNIMATE® 4.0 with innovative SNAP IN connection technology

The next generation of device connectivity

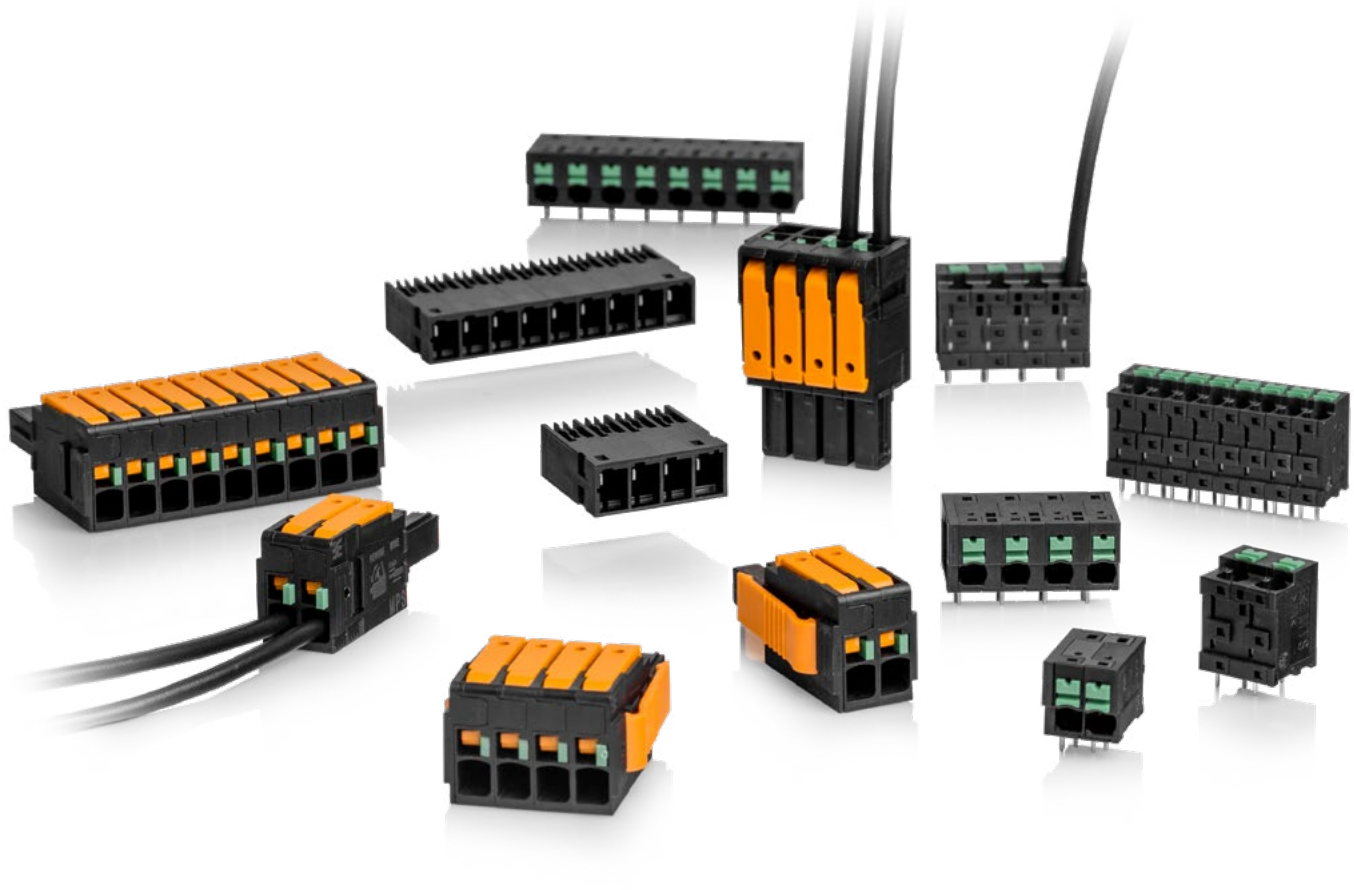
The requirements for modern devices are continuously increasing. Shorter development cycles, growing product variety and the demand for more efficient manufacturing processes present developers and manufacturers with ever greater challenges.

With OMNIMATE® 4.0, Weidmüller provides a comprehensive concept for next-generation device connectivity. The innovative portfolio combines high-performance PCB connectors and PCB terminals with a modular product architecture, digital engineering services and the pioneering SNAP IN connection technology.

The result is faster development processes, greater flexibility in device design and significantly more efficient assembly and wiring operations. From the initial concept and engineering phase through to serial production, OMNIMATE® 4.0 helps device manufacturers reduce complexity and bring innovations to market faster.

Thanks to its modular system approach, products can be configured individually and realized within the shortest possible time. At the same time, SNAP IN technology enables fast, safe and tool-free wiring while creating the foundation for the automated manufacturing processes of tomorrow.













Maximum wiring speed

The innovative SNAP IN connection enables secure wiring in record time. With SNAP IN even flexible conductors without ferrules can be connected intuitively and completely tool-free - even in fully automated wiring processes.

Hearable and visible feedback

The integrated visual status indication in OMNIMATE® 4.0 provides immediate feedback on the clamping status. Together with an audible "click", the green visual indication enhances confidence in the correct and reliable wiring of the connector.

Easy and intuitive handling

Depending on the product, fixing features provide secure retention of the connector and help prevent unintended disconnection. Convenient rewiring options support simple and user-friendly handling.

Learn more about the the game changer in the connector market.
www.weidmueller.com/omnimate40

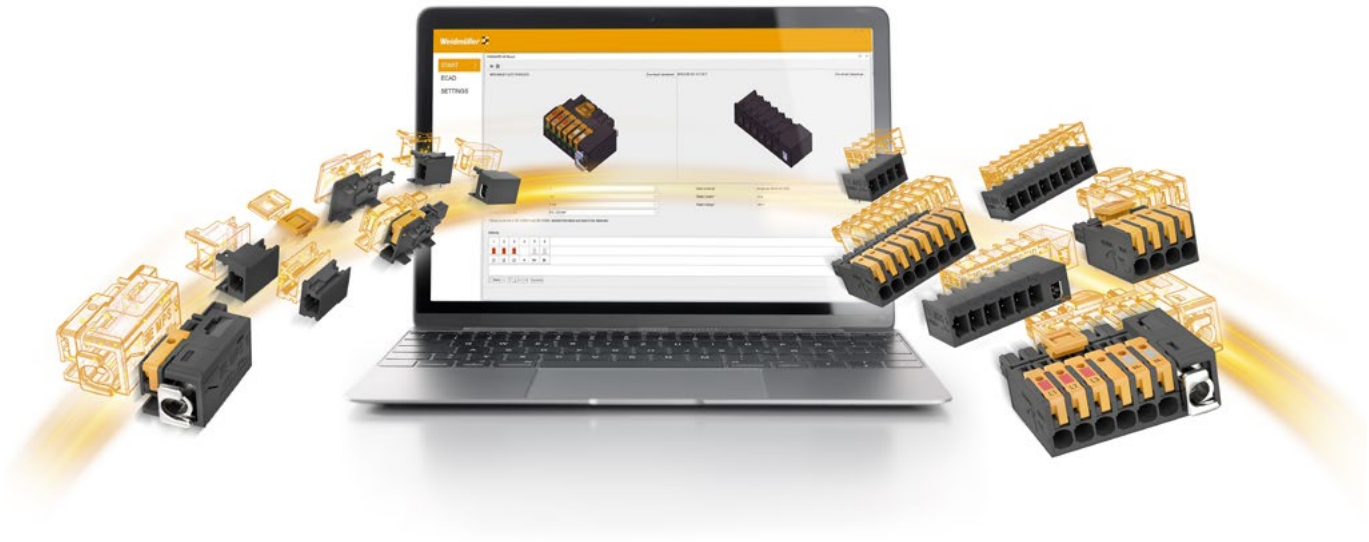
The efficient solution for a digitized device development process

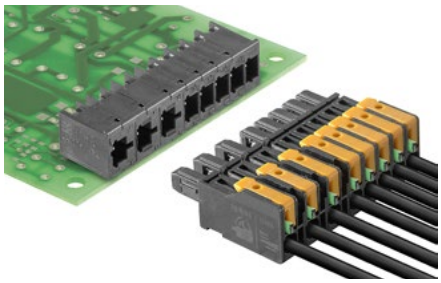
OMNIMATE® 4.0 – Fast. Flexible. Digital.

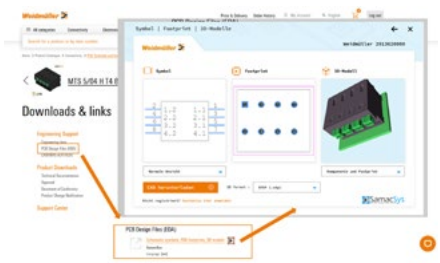
Modern device designs demand flexible and customized connectivity solutions. With OMNIMATE® 4.0 and the web-based PCB Configurator, device connections can be tailored quickly and easily to specific application requirements.

The modular portfolio enables the seamless combination of functions and interfaces to create application-specific solutions. Comprehensive engineering data, digital configuration tools, and rapid sample availability accelerate development and reduce engineering effort.

Webcode #11537









Modular interfaces for tailor-made device concepts

Combine power, signal, and data transmission flexibly in a single connector system. The modular OMNIMATE® 4.0 portfolio enables customized solutions tailored to a wide variety of device and application requirements.

Fast Configuration with Comprehensive Engineering Data

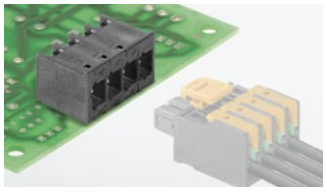
The PCB Configurator enables the easy creation of customized solutions with real-time visualization of design changes. Technical data, CAD models, PCB footprints, and comprehensive engineering resources are available directly within the development workflow.

From Idea to Sample in Record Time

Configure and request standard or customized variants directly online. With automated quotation generation and our 72-hour Sample Service, you can accelerate your design-in process and bring new developments to market faster.

OMNIMATE® 4.0– SNAP IN Connection solutions

PCB connectors Pitch 5.00 mm

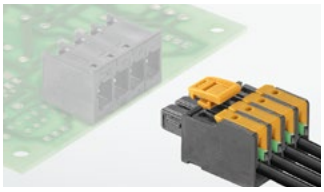


Webcode #11530

MHS 5

Male connector with 90°, 180° and 270° outlet direction for wave and reflow processes.

- Male header
- Pitch: 5.00 mm
- Number of poles: 2 –12
- IEC: 400 V / 26.8 A
- UL: 300 V / 18.5 A



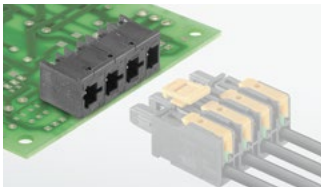
Webcode #11531

MPS 5

Female plug with 180° outlet direction, SNAP IN connection technology and optional self-locking top flange.

- SNAP IN connection
- Pitch: 5.00 mm
- Number of poles: 2 –12
- IEC: 400 V / 26.8 A / 0.5–4 mm²
- UL: 300 V / 18.5 A / AWG 20–12/7/9

PCB connectors Pitch 7.50 mm

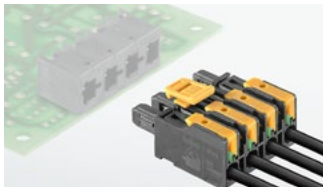


Webcode #11539

MHS 7S

Male connector with 90°, 180° and 270° outlet direction for wave and reflow processes.

- Male connector
- Grid: 7.50 mm
- Number of poles: 2 –12
- IEC: 630 V / 34.6 A
- UL: 300 V / 18.5 A"



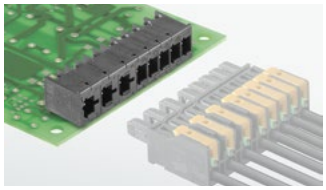
Webcode #11540

MPS 7S

Female plug with 180° outlet direction, SNAP IN connection system and optional self-locking top flange.

- SNAP IN connection system
- Grid: 7.50 mm
- Number of poles: 2 –12
- IEC: 1000 V / 34.6 A / 0.5–4 mm²
- UL: 600 V / 18.5 A / AWG 20–12/7/9

PCB connectors Pitch 7.50 mm + pitch 5.00 mm (Hybrid)

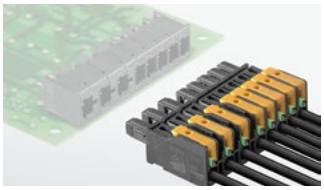


Webcode #11541

MHS 7S/.. 5

Hybrid male connector consisting of power and signal interfaces for wave and reflow processes.

- Male connector
- Grid: 7.50 mm and 5.00 mm
- Number of poles: 2 –12
- IEC: 630 V / 30.4 A
- UL: 300 V / 18.5 A



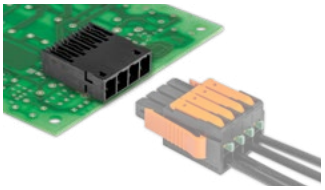
Webcode #11542

MPS 7S/.. 5

Hybrid female plug with 180° outlet direction, SNAP IN connection system and optional self-locking top flange.

- SNAP IN connection system
- Grid: 7.50 mm and 5.00 mm
- Number of poles: 2 –12
- IEC: 1000 V / 34.6 A / 0.5–4 mm²
- UL: 600 V / 18.5 A / AWG 20–12/7/9"

PCB terminals Pitch 6.35 mm

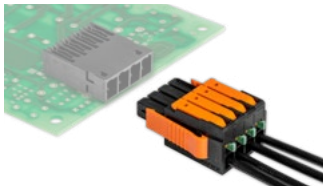


Webcode #11585

MHS 6

Male connector with 90° and 180° outlet direction for wave and reflow processes.

- Male header
- Pitch: 6.35 mm
- Number of poles: 2 –9
- IEC: 1000 V / 47.2 A
- UL: 300 V / 26.5 A



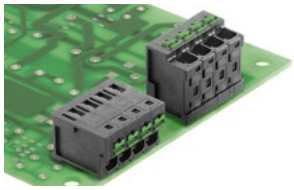
Webcode #11584

MPS 6

Female plug with 180° outlet direction, SNAP IN connection technology and optional self-locking side flange.

- SNAP IN connection
- Pitch: 6.35 mm
- Number of poles: 2 –9
- IEC: 1000 V / 47.2 A / 0.5–6 mm²
- UL: 300 V / 26.5 A / AWG 20–10

PCB terminals Pitch 5.00 mm



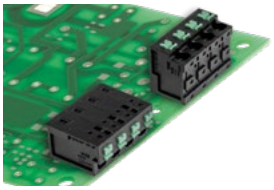
Webcode #11571

MTS 5/..T4 B T

PCB terminal block with SNAP IN connection system for wave and reflow processes.

- SNAP IN connection system
- Grid: 5.00 mm
- Number of poles: 2 –12
- IEC: 400 V / 32 A / 0.5 – 4.0 mm²
- UL: 300 V / 18.5 A

PCB terminals Pitch 7.50 mm



Webcode #11581

MTS 7S/..T4 B T

PCB terminal block with SNAP IN connection system for wave and reflow processes.

- SNAP IN connection system
- Grid: 7.50 mm
- Number of poles: 2 –8
- IEC: 1000 V / 32 A / 0.5 – 4.0 mm²
- UL: 300 V / 20 A

Single Pair Ethernet

Data connection for the factory of the future

In the factory of the future, machines and systems will be connected to each other consistently via a data infrastructure. These cyber-physical systems can act independently in the Industrial Internet of Things (IIoT), communicate in real time, and control production processes. In order to enable this, a continuous network with high-performance data connections from the sensor to the cloud is required. This pushes conventional Ethernet systems to their limits.

Single Pair Ethernet (SPE) facilitates the extension of the Ethernet to the sensor. It is compact, flexible, and enables high ranges. SPE provides for the extension of existing installations and supports consistent communication. Indeed, SPE is considered by Weidmüller as the missing component needed to close the current gap in the supply of standard Ethernet at field level.

SPE runs at the same transmission speeds as conventional Ethernet but with data lines up to 1,000 m in length. Together with other new technologies like 5G, SPE enables both continuous IP communication between the server and the cloud, as well as supplying up to 60 Watts of power in complex IIoT solutions through PoDL (Power over Data Line).



Learn more about our next generation
of IIoT-oriented Ethernet within
the connected world of today and tomorrow.
www.weidmueller.com/spe

OMNIMATE® Data
Single Pair Ethernet Connectors

- Devices can become significantly smaller - Most compact design for implementing IIoT devices (saving of > 33 %)
- Vibration-proof and insensitive to electromagnetic influences - Particularly robust, industry-compatible construction
- The colour-coded two-wire connection technology saves installation time and avoids connection errors - User-friendly structure for safe and quick installation
- Suitable for IIoT, corresponds to the latest IEEE / IEC standards for data rates from 10Mbit/s to 1Gbit/s. - High future security through compliance with international standards
- Safe locking - Even in the smallest installation space, a robust locking mechanism up to 50N is ensured (acoustic feedback during the mating process)
- Reliable process - Trublefree assembly due to sharpened pin geometry, guide posts and Tape on Reel packaging

OMNIMATE® Data – Single Pair Ethernet connector

SPE Connector, IP20



Webcode #11573

SPE P20 R1H 2.1 6 N/N TU
Angled (90°) Single-Pair PCB male header for IP20

- Reflow-soldering (THR)
- Robust housing with metal snap-in mechanism
- Shielded and reenforced contacts (PdNi)
- Performance Category: up to 1Gbit/s
- Plugging cycles: 750
- Packaging in ToR



Webcode #11574

SPE P20 R1H 2.1 6 YG/YG TU
Angled (90°) Single-Pair PCB male header for IP20 incl. LED

- Reflow-soldering (THR)
- Robust housing with metal snap-in mechanism
- Shielded and reenforced contacts (PdNi)
- Performance Category: up to 1Gbit/s
- Plugging cycles: 750
- Packaging in ToR"

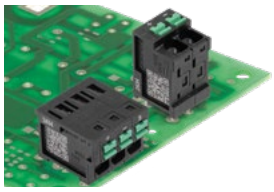


Webcode #11575

IE-PS-SP0-S-FH-2-180
Single Pair female plug

- Field-attachable female plug
- Shielded and reinforced contacts
- Performance class: up to 1 Gbit/s
- Mating cycles: 750
- Bag packaging"

Single Pair Ethernet PCB terminals



Webcode #11576

SPE PCB terminals
Simple and efficient SPE solutions for PCBs

- Reliable data transmission at 10 Mbit/s up to 1,000 m
- Suitable for IIoT devices and simple field device integration
- Cost-effective alternative to standardized SPE connectors
- Available with PUSH IN, SNAP IN or screw connection
- Two- or three-pole versions for shielded and unshielded applications
- PoDL enables up to 50 W according to IEEE 802.3bu

SPE circular connectors, IP67



Webcode #11577

SPE M12F DC FPM16 RV
Dome, straight (180°)

- Reflow soldering (THR)
- Suitable for front and rear panel mounting
- Performance class: up to 1 Gbit/s
- Tray packaging



Webcode #11578

SPE M12F DC BPM16 RV
Rear panel mounting, straight (180°)

- M12 circular connector
- Reflow soldering (THR)
- Performance class: up to 1 Gbit/s
- Tray packaging



Webcode #11579

SPE M12F DC FPM16 RV
Front panel mounting, straight (180°)

- M12 circular connector
- Reflow soldering (THR)
- Performance class: up to 1 Gbit/s
- Tray packaging



Webcode #11580

IE-PS-MSPE-P-FH

- Field-attachable female plug connector
- Shielded and reinforced contacts
- Performance class: up to 1 Gbit/s
- Mating cycles: 750
- Bag packaging

OMNIMATE® Data

Reliable data interfaces for your device

Plug-in connectors and jacks for data transmission are already an integral part of the future-proof device design. In the industrial environment, they have to stand up to exacting requirements and the ever-increasing data transmission rates demand high-quality on individual components.

Weidmüller's data connectors offer compelling solutions. RJ45 and USB connectors, M8 and M12 circular connectors, as well as Ethernet-APL components provide a secure and efficient interface for your device.

The fully shielded product range boasts high levels of electromagnetic compatibility, caters to all established outlet angles, and includes latching hooks on the top and bottom as well as an innovative ***STEADY****TEC*® connection system for an industry-standard design.





OMNIMATE® Data
RJ45 modular and transformer jacks

- Future-proof transmission characteristics up to Cat 6 standard for a data rate of up to 10 Gbit/s
- Electromagnetic compatibility and protection through 360° shielding
- RJ45 transformer jacks with integrated "magnetics" actively counteract faults and save space on the board
- Reinforced gold layer improves corrosion protection, reduces contact problems and guarantees a long service life



OMNIMATE® Data
USB PCB jacks

- Robust plug & play operation - connect and disconnect without shutting down or restarting the system
- Reinforced gold surface - up to 10,000 plugging cycles meet the requirements for high resistance
- USB 3.1 sockets support data rates of 10 Gbits/s for fast data transfer
- Available with an outlet angle 180° (standing) or 90° (lying) for ideal adaptation to various housing formats
- USB-C sockets enable error-free plugging due to a symmetrical design
- Suitable for SMT, THR or THT soldering processes



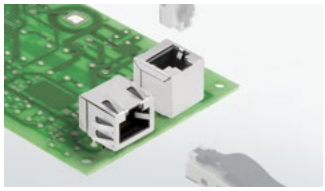
OMNIMATE® Data
Ethernet-APL components

- Compliant with Ethernet-APL
- Space- and weight-saving design
- Cost-effective alternative to RJ45 and M12 connections Available with PUSH IN, SNAP IN, tension clamp or spring clamp connection
- Suitable for THT and THR soldering processes
- 10 Mbit/s communication for long distances (1,000 m) according to IEEE 802.3cg-2019
- PoDL remote power supply according to IEEE 802.3bu
- Ethernet-APL is suitable for all IIoT devices and tailored to the process industry.

Learn more about our plug-in jack for data transmission in Industrial Ethernet environment.
www.weidmueller.com/omnimate-data

OMNIMATE® Data – PCB jacks and plug-in connectors

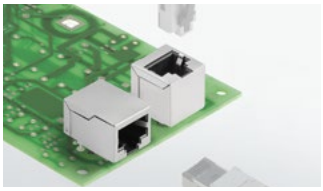
RJ45 modular jack



Webcode #11413

RJ45 solder connection for (THT)
PCB jack for wave soldering process

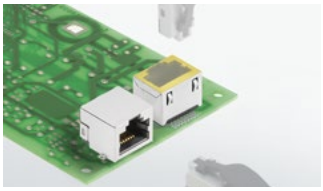
- Outlet direction: 90° and 180°
- Catch mechanism: up and down
- Performance Category: up to Cat 6
- Plugging cycles: 750
- With / without LEDs



Webcode #11414

RJ45 solder connection (THR)
PCB jack for reflow and wave soldering process

- Outlet direction: 90° and 180°
- Catch mechanism: up and down
- Performance Category: up to Cat 6
- Plugging cycles: 750
- With / without LEDs

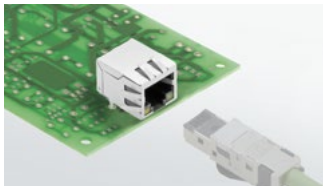


Webcode #11415

RJ45 solder connection for (SMT)
PCB jack for reflow soldering process

- Outlet direction: 90° and 180°
- Catch mechanism: up and down
- Performance Category: up to Cat 5
- Plugging cycles: 750
- With / without LEDs

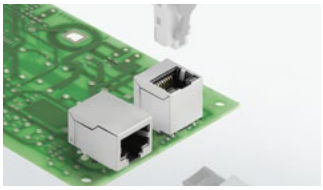
RJ45 transformer jacks



Webcode #11416

RJ45 solder connection for (THT)
PCB jack for wave soldering process

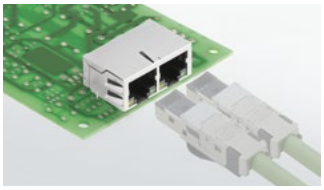
- Integrated magnetics
- Outlet direction: 90°
- Catch mechanism: up and down
- Performance Category: up to 1Gbit/s
- Plugging cycles: 750



Webcode #11417

RJ45 solder connection (THR)
PCB jack for reflow and wave soldering process

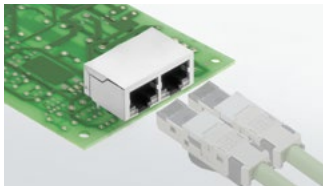
- Integrated magnetics
- Outlet direction: 90° and 180°
- Catch mechanism: up and down
- Performance Category: up to 1Gbit/s
- Plugging cycles: 750
- With / without LEDs



Webcode #11418

RJ45 solder connection (THT) multiport
PCB jack for wave soldering process

- Integrated magnetics
- Outlet direction: 90°
- Catch mechanism: up and down
- Performance Category: up to 1Gbit/s
- Plugging cycles: 750
- With / without LEDs

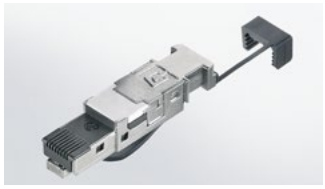


Webcode #11419

RJ45 solder connection (THR) multiport
PCB jack for wave soldering process

- Integrated magnetics
- Outlet direction: 90°
- Catch mechanism: up and down
- Performance Category: up to 1Gbit/s
- Plugging cycles: 750
- With / without LEDs

Plug-in connectors



Webcode #11312

RJ45 connector „steadytec“
Tool-free and field-attachable plug for Industrial Ethernet

- IDC connection, 4-8-core
- Outlet direction: 180°
- Category: Cat.5 and Cat.6A
- AWG 26...AWG 22 / 0.48...0.76 mm²

Patch cable



Webcode #11313

RJ45 patch cable
Freely configurable RJ45 cable in a wide range of colours

- Protected latching hook, 8-core
- Outlet direction: 90°, 180° and 270°
- Category: Cat.6A

USB jacks



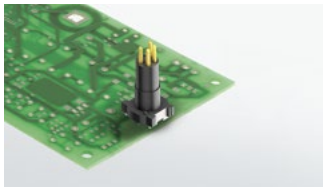
Webcode #11562

USB 3.1 solder connection for (SMT)
PCB jack for reflow process (SMT)

- Outlet direction: 90° and 180°
- Performance Category: up to 10 Gbit/s
- Plugging cycles: ≥10.000
- Packed in ToR

OMNIMATE® Data – M8 and M12 PCB jacks

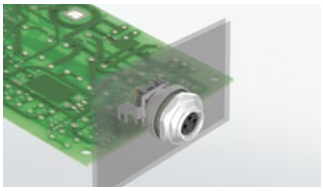
M8



Webcode #11364

M8 Dome (individual part)
PCB circular connector for automatic assembly and M8 threads.

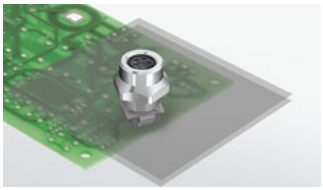
- Number of poles: 3, 4, 8
- Female and male contact
- SMT, THR
- Shielded and unshielded



Webcode #11366

M8 Front mounting
PCB circular connector with M8 thread for front mounting.

- Number of poles: 3, 4, 8
- Female and male contact
- Outlet direction: 180°
- Shielded and unshielded

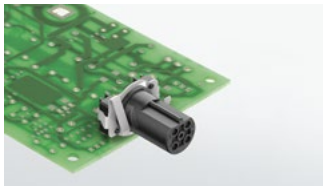


Webcode #11368

M8 Rear panel mounting
PCB circular connector with M8 thread for rear panel mounting.

- Number of poles: 3, 4, 8
- Female and male contact
- Outlet direction: 90°, 180°
- Shielded and unshielded

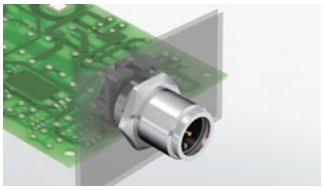
M12



Webcode #11352

M12 Dome (individual part)
PCB circular connector for automatic assembly and M12 threads.

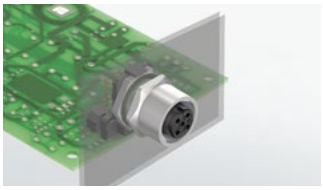
- Number of poles: 4, 5, 8
- Female and male contact
- SMT
- Shielded and unshielded
- Coding: A, B, D



Webcode #11354

M12 Front mounting
PCB circular connector with M12 thread for front mounting.

- Number of poles: 4, 5, 8
- Female and male contact
- Outlet direction: 90°, 180°
- Shielded and unshielded
- Coding: A, B, D, X



Webcode #11356

M12 Front mounting
PCB circular connector with M12 thread for front mounting.

- Number of poles: 4, 5, 8
- Female and male contact
- Outlet direction: 90°, 180°
- Shielded and unshielded
- Coding: A, B, D, X

SAI plugs and cables



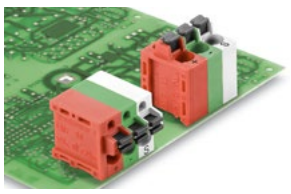
Webcode #11529

SAI round plug-in connectors and cables
High IP rated connectivity range of M5, M8, M12, M16 and M23

- Different codings like A, B and D
- Up to protection degree IP 69K
- For mechanically and chemically stressed applications

OMNIMATE® Data – Ethernet components

Ethernet-APL PCB terminals

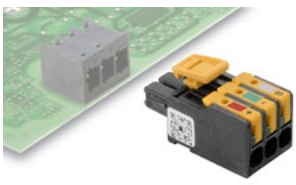


Webcode #11572

LMF APL 5.00
PCB terminal for Ethernet APL-compliant data transmission

- PUSH IN spring connection
- Outlet direction: 90° and 180°
- Number of poles: 3
- Pitch 5.00 mm
- Ethernet-APL compliant

Ethernet-APL connectors

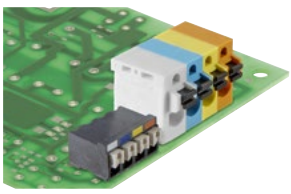


Webcode #11583

MPS APL 5
PCB plug-in connector for Ethernet APL-compliant data transmission

- SNAP IN connection
- Outlet direction: 180°
- Number of poles: 3
- Pitch 5.00 mm
- Ethernet-APL compliant

Ethernet PCB terminals



Webcode #11527

LSF-SMT and LMF
PCB terminal for Ethernet-compliant data transmssion e.g. for PROFINET (up to 100Mbps)

- PUSH IN spring connection
- Pitch: 3.50, 3.81 and 5.08 mm
- Number of poles: 4
- For all IIoT devices

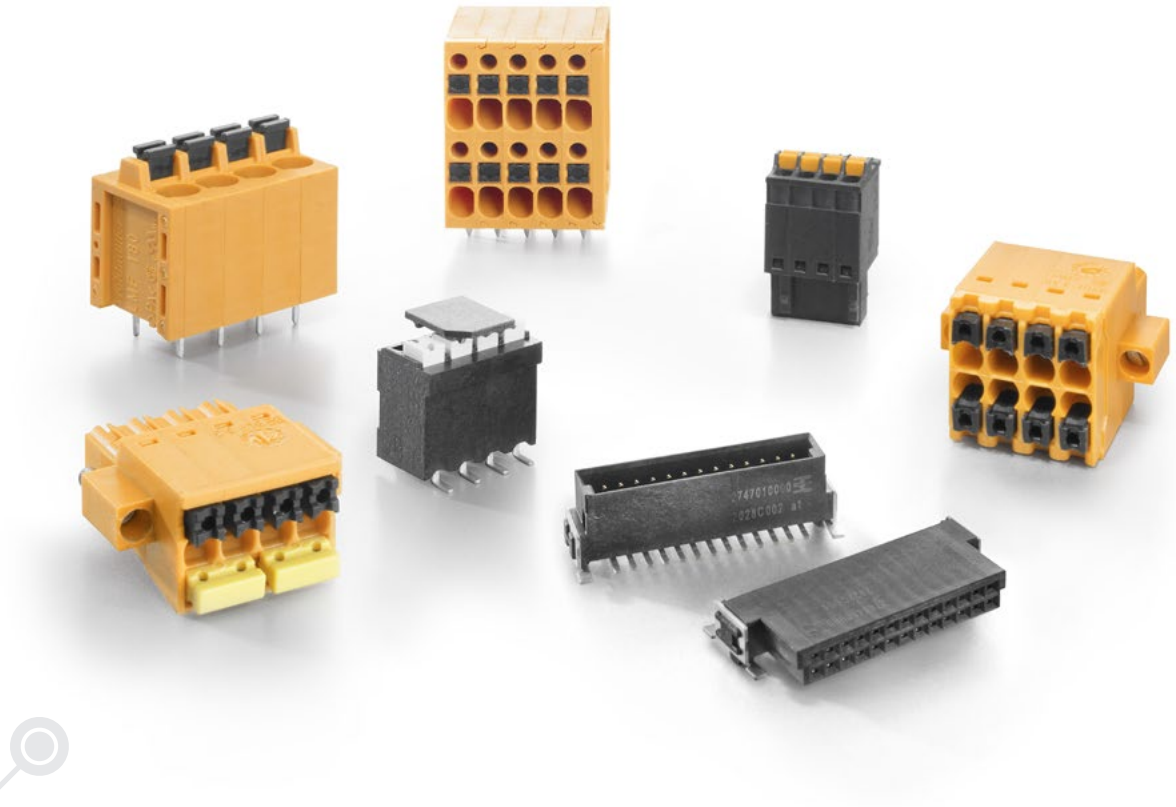
OMNIMATE® Signal

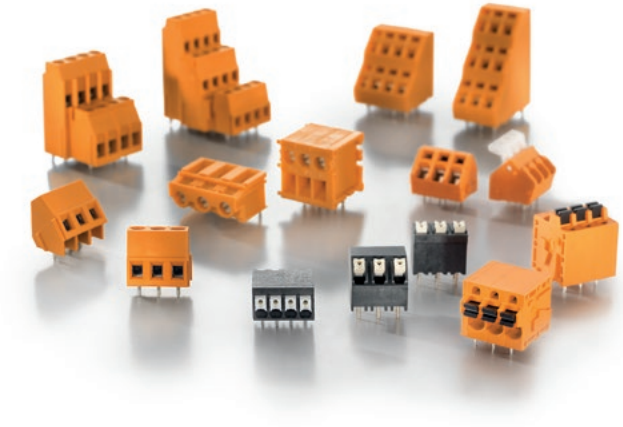
Transmit numerous signals in the smallest possible space

A reliable device connection is an absolute must for your customised applications. With OMNIMATE® Signal, we can now offer you the right PCB-connection to meet your exact requirements.

You can choose from a product range that includes compact PCB terminals and connectors, which, thanks to intelligent locking concepts and high-performance connection systems, provides your design-in process with a wide range of application-specific solutions.

We have also not forgotten about your production processes when formulating our product range, as our THR and SMD components ensure the highest productivity levels during the reflow soldering process.





OMNIMATE® Signal PCB terminals

PUSH IN

- Application-oriented connection systems ranging from clamping yoke screw connections to PUSH IN spring connections in all relevant cross-section ranges up to 6 mm²
- Can be used universally in all standard pitches from 3.50 mm to 7.62 mm
- A wide range of reflow-compatible products for automated SMT processes
- Compact, multi-layer designs up to 72-pole



OMNIMATE® Signal PCB plug-in connectors

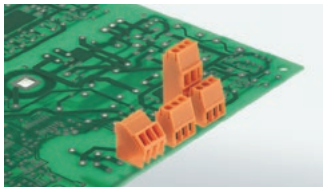
PUSH IN

- Compact at 2.50 mm pitch
  36 connections at 3.50 mm pitch, highest level of power reserves at 3.81 mm pitch and largest application area at 5.08 mm pitch
- Application-oriented connection systems ranging from clamping yoke screw connections to PUSH IN spring connections.
- A wide range of reflow-compatible products for automated SMT processes
- Multi-row and multi-layer designs up to 48-pole

Learn more about our full-range signal solutions that includes extremely compact PCB terminals and connectors.
www.weidmueller.com/omnimate-signal

OMNIMATE® Signal – PCB terminals

Clamping yoke screw connection

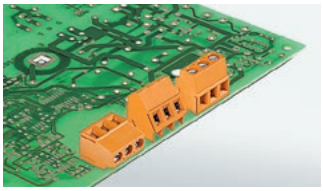


Webcode #01010

LM 3.50 / LM1N / LM2N

Small, compact PCB terminal with conductor outlet direction of 90° or 135°.

- Clamping yoke screw connection
- Pitch: 3.50 mm
- Number of poles: 2–12
- IEC: 320 V / 16 A / 0.2–1.5 mm²
- UL: 300 V / 10 A / AWG 28–14

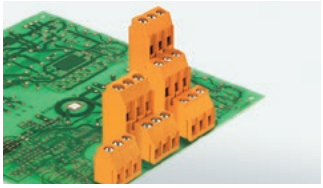


Webcode #01012

LM 5.00/5.08

Single-row PCB terminal with conductor outlet direction of 90°, 135° and 180°.

- Clamping yoke screw connection
- Pitch: 5.00 mm / 5.08 mm
- Number of poles: 2–24
- IEC: 630 V / 17.5 A / 0.2–2.5 mm²
- UL: 300 V / 15 A / AWG 24–14

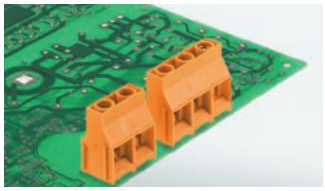


Webcode #01016

LL 5.00/5.08

Single-row PCB terminal with conductor outlet direction of 90° and 180°.

- Clamping yoke screw connection
- Pitch: 5.00 mm / 5.08 mm
- Number of poles: 2–24
- IEC: 500 V / 32.5 A / 0.5–6 mm²
- UL: 300 V / 20 A / AWG 28–12



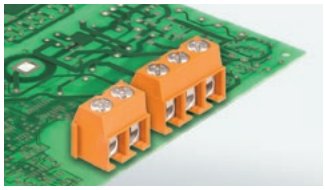
Webcode #01018

LL 9.52

Single-row PCB terminal with conductor outlet direction of 90°.

- Clamping yoke screw connection
- Pitch: 9.52 mm
- Number of poles: 2–3
- IEC: 1,000 V / 32 A / 0.18–6 mm²
- UL: 300 V / 30 A / AWG 26–10

Leaf - spring screw connection



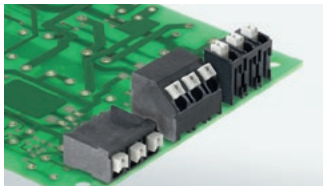
Webcode #01022

PM 5.00/5.08

PCB terminal with conductor inlet direction of 90°.

- Leaf-spring screw connection
- Pitch: 5.00 mm / 5.08 mm
- Number of poles: 2–12
- IEC: 600 V / 24 A / 0.13–2.5 mm²
- UL: 300 V / 15 A / AWG 26–14

PUSH IN - spring connection

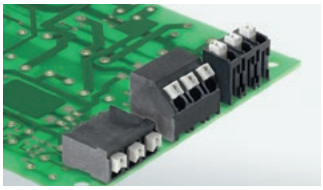


Webcode #01028

LSF-SMT 3.5 / 3.81

PCB terminal for fully automatic assembly for THR reflow soldering (SMT) and wave soldering.

- PUSH IN spring connection
- Pitch: 3.50 mm / 3.81 mm
- Number of poles: 2–24
- IEC: 320 V / 17.5 A / 0.2–1.5 mm²
- UL: 300 V / 12 A / AWG 24–16

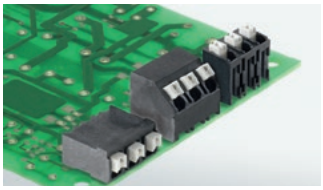


Webcode #01030

LSF-SMT 5.00 / 5.08

PCB terminal for fully automatic assembly for THR reflow soldering (SMT) and wave soldering.

- PUSH IN spring connection
- Pitch: 5.00 mm / 5.08 mm
- Number of poles: 2–8
- IEC: 500 V / 17.5 A / 0.2–1.5 mm²
- UL: 300 V / 12 A / AWG 24–16

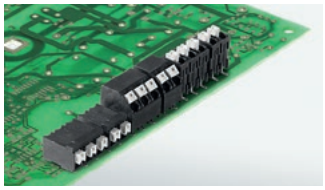


Webcode #01032

LSF-SMT 7.50 / 7.62

PCB terminal for fully automatic assembly for THR reflow soldering (SMT) and wave soldering.

- PUSH IN spring connection
- Pitch: 7.50 mm / 7.62 mm
- Number of poles: 2–8
- IEC: 800 V / 17.5 A / 0.2–1.5 mm²
- UL: 300 V / 12 A / AWG 24–16



Webcode #01034

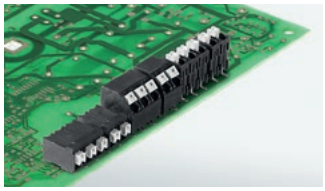
LSF-SMD 3.5

PCB terminal for fully automatic assembly for reflow soldering (SMT).

- PUSH IN spring connection
- Pitch: 3.50 mm
- Number of poles: 2–12
- IEC: 320 V / 17.5 A / 0.2–1.5 mm²
- UL: 300 V / 12 A / AWG 24–16

OMNIMATE® Signal – PCB terminals

PUSH IN - spring connection

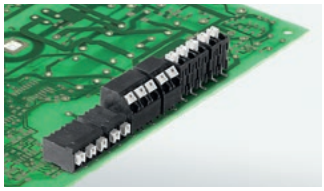


Webcode #01036

LSF-SMD 5.00

PCB terminal for fully automatic assembly for reflow soldering (SMT).

- PUSH IN spring connection
- Pitch: 5.00 mm
- Number of poles: 2–8
- IEC: 500 V / 17.5 A / 0.2–1.5 mm²
- UL: 300 V / 12 A / AWG 24–16

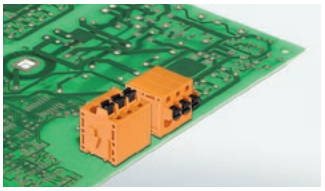


Webcode #01038

LSF-SMD 7.50

PCB terminal for fully automatic assembly for reflow soldering (SMT).

- PUSH IN spring connection
- Pitch: 7.50 mm
- Number of poles: 2–6
- IEC: 800 V / 17.5 A / 0.2–1.5 mm²
- UL: 300 V / 12 A / AWG 24–16

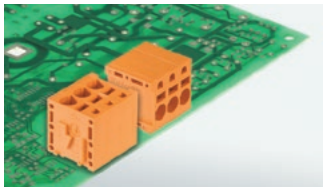


Webcode #01040

LMF 5.00/5.08

PCB terminal with pusher for opening the contact point and an integrated test point.

- PUSH IN spring connection
- Pitch: 5.00 mm / 5.08 mm
- Number of poles: 2–24
- IEC: 400 V / 24 A / 0.2–2.5 mm²
- UL: 300 V / 10 A / AWG 26–12



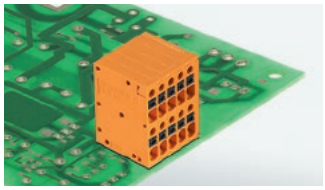
Webcode #01042

LMFS 5.00/5.08

PCB terminal without pusher; contact point can be opened using a screwdriver and integrated test point.

- PUSH IN spring connection
- Pitch: 5.00 mm / 5.08 mm
- Number of poles: 2–24
- IEC: 400 V / 24 A / 0.2–2.5 mm²
- UL: 300 V / 10 A / AWG 26–12

PUSH IN - spring connection



Webcode #01026

LS2HF 3.50

Double-storey PCB terminal for wave soldering processes, with conductor insertion and slider operation from the same direction (TOP).

- PUSH IN spring connection
- Pitch: 3.50 mm
- Number of poles: 4–24
- IEC: 400 V / 10 A / 0.14–1.5 mm²
- UL: 150 V / 12.5 A / AWG 26–16



Webcode #11514

LMF 7.50

PCB terminal with pusher for opening the contact point and an integrated test point.

- PUSH IN spring connection
- Pitch: 7.50 mm
- Number of poles: 2–24
- IEC: 1000 V / 24 A / 0.2–2.5 mm²
- UL: 300 V / 20 A / AWG 26–12



Webcode #11515

LMFS 7.50

PCB terminal without pusher; contact point can be opened using a screwdriver and integrated test point.

- PUSH IN spring connection
- Pitch: 7.50 mm
- Number of poles: 2–24
- IEC: 1000 V / 24 A / 0.2–2.5 mm²
- UL: 300 V / 20 A / AWG 26–12



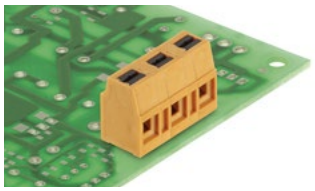
Webcode #11547

LMFV 5.00/90

PCB terminal with pusher, identical to the tried-and-tested LM 5.00 with clamping yoke connection

- PUSH IN spring connection
- Grid 5.00
- Number of poles 2-24
- IEC: 630 V / 17.5 A / 0.2 - 2.5 mm²
- UL: 300 V / 15 A / AWG 24 - AWG 14

PUSH IN - spring connection



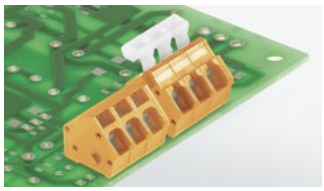
Webcode #11548

LMFV 7.50/90

PCB terminal with pusher

- PUSH IN spring connection
- Grid 7.50
- Number of poles 2-24
- IEC: 630 V / 17.5 A / 0.2 - 2.5 mm²
- UL: 300 V / 15 A / AWG 24 - AWG 14

Tension clamp connection

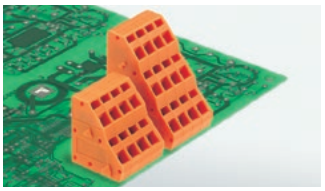


Webcode #11448

LMZF

Single-row PCB terminal with maintenance-free tension clamp connection and with conductor outlet direction of 135°.

- Tension clamp connection
- Pitch: 5, 7 & 10 mm
- Number of poles: 2–24
- IEC: 630 V/24 A / 0.13 – 2.5 mm²
- UL: 300 V/15 A / AWG 26-AWG 14



Webcode #11447

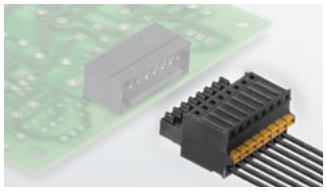
LM2NZF & LM3RZF

Multi-level PCB terminal with conductor outlet direction of 135°.

- Tension clamp connection
- Pitch: 5.08 mm
- Number of poles: 2–24
- IEC: 630 V/24 A / 0.13 – 2.5 mm²
- UL: 300 V/15 A / AWG 26-AWG 14

OMNIMATE® Signal – PCB connectors

Pitch 2.50 mm

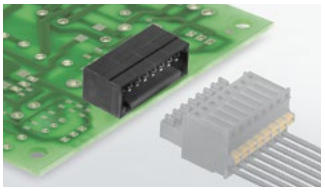


Webcode #11323

BLF 2.50

Female plug for conductor connection with PUSH IN spring connection.

- PUSH IN spring connection
- Pitch: 2.50 mm
- Number of poles: 2–12
- IEC: 320 V / 6 A / 0.08 – 0.5 mm²
- UL: 150 V / 5 A / AWG 28 - 20



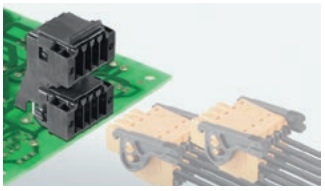
Webcode #11324

SL 2.50

Male header for wave soldering methods for 2.50 mm pitch.

- Male header
- Pitch: 2.50 mm
- Number of poles: 2–12
- IEC: 320 V / 6 A
- UL: 320 V / 6 A

Pitch 3.50 mm double - row design

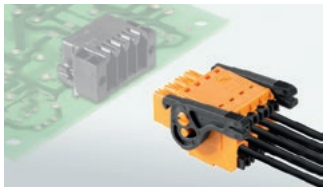


Webcode #01060

S2C 3.50

High-temperature-resistant, double-row male header for reflow and wave soldering methods.

- Male header
- Pitch: 3.50 mm
- Number of poles: 4–36
- IEC: 200 V / 13.4 A
- UL: 150 V / 10 A



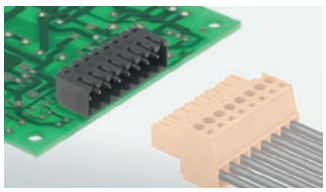
Webcode #01058

B2CF 3.50

Compact double-row female plug with maximum connection density within an extremely small space.

- PUSH IN spring connection
- Pitch: 3.50 mm
- Number of poles: 4–46
- IEC: 320 V / 13.4 A / 0.14–1.5 mm²
- UL: 300 V / 9.5 A / AWG 26–16

Pitch 3.50 mm

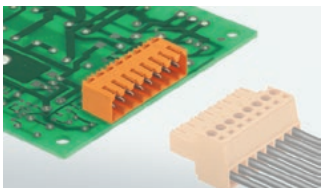


Webcode #01068

SL-SMT 3.50

High-temperature-resistant male header for reflow and wave soldering methods.

- Male header
- Pitch: 3.50 mm
- Number of poles: 2–24
- IEC: 320 V / 15 A
- UL: 300 V / 10 A

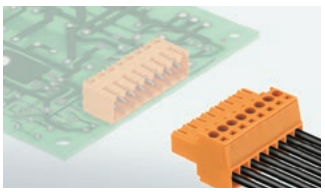


Webcode #01072

SL 3.50

Male header for wave soldering methods.

- Male header
- Pitch: 3.50 mm
- Number of poles: 2–24
- IEC: 320 V / 17 A
- UL: 300 V / 10 A

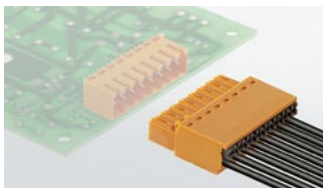


Webcode #01066

BL 3.50

Female plug for conductor connection with clamping yoke screw connection.

- Clamping yoke screw connection
- Pitch: 3.50 mm
- Number of poles: 2–24
- IEC: 320 V / 17 A / 0.2–1.5 mm²
- UL: 300 V / 10 A / AWG 28–14



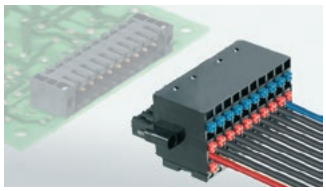
Webcode #11410

BLF 3.5

Female plug with PUSH IN spring connection

- PUSH IN spring connection
- Pitch: 3.50 mm
- Number of poles: 2–24
- IEC: 320 V / 14.5 A / 0.2 – 1.5 mm²
- UL: 300 V / 9.5 A / AWG 28–16

Pitch 3.50 mm

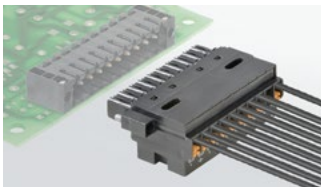


Webcode #01064

BL-I/O 3.5

Extremely compact female plug in one or three-row design and with an integrated LED display.

- PUSH IN spring connection
- Pitch: 3.50 mm
- Number of poles: 10 & 30
- IEC: 200 V / 2.2 A / 0.2–1 mm²
- UL: 50 V / 5 A / AWG 24–16

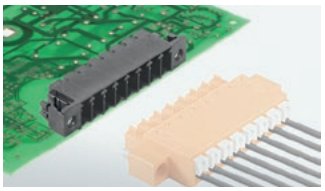


Webcode #11445

BL I/O CJC

Compact female plug with integrated cold junction compensation.

- PUSH IN spring connection
- Pitch: 3.50 mm
- Number of poles: 10
- IEC: 50 -V / 2.2 A / 0.2 – 1.5 mm²
- UL: 50 V / 5 A / AWG 24 – 16

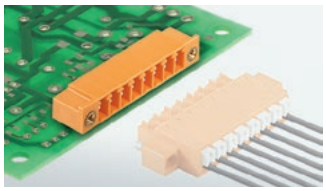


Webcode #01076

SC-SMT 3.81

High-temperature-resistant male header with a very low profile for reflow and wave soldering methods.

- Male header
- Pitch: 3.81 mm
- Number of poles: 2–16
- IEC: 320 V / 17.5 A
- UL: 300 V / 10 A



Webcode #01080

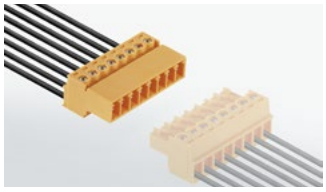
SC 3.81

Male header with a very low profile for wave soldering methods.

- Male header
- Pitch: 3.81 mm
- Number of poles: 2–20
- IEC: 320 V / 17.5 A
- UL: 300 V / 10 A

OMNIMATE® Signal – PCB connectors

Pitch 3.81 mm

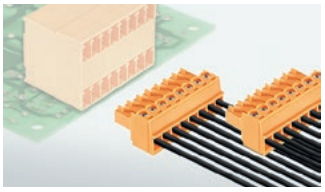


Webcode #11316

SCZ 3.81

Compact male plug for conductor connection with clamping yoke screw connection.

- Clamping yoke screw connection
- Pitch: 3.81 mm
- Number of poles: 2–12
- IEC: 320 V / 17.5 A / 0.14–1.5 mm²
- UL: 300 V / 10 A / AWG 28–16

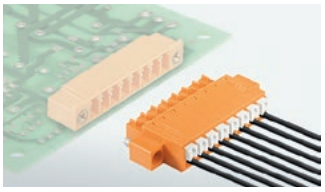


Webcode #01074

BCZ 3.81

Compact female plug for conductor connection with clamping yoke screw connection.

- Clamping yoke screw connection
- Pitch: 3.81 mm
- Number of poles: 2–20
- IEC: 320 V / 17.5 A / 0.14–1.5 mm²
- UL: 300 V / 10 A / AWG 28–16

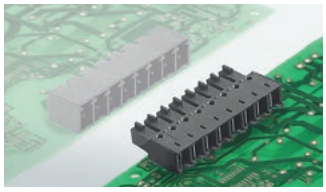


Webcode #01078

BCF 3.81

Female plug with very low profile for conductor connection with PUSH IN spring connection.

- PUSH IN spring connection
- Pitch: 3.81 mm
- Number of poles: 2–18
- IEC: 320 V / 17.5 A / 0.2–1.5 mm²
- UL: 300 V / 10 A / AWG 28–16



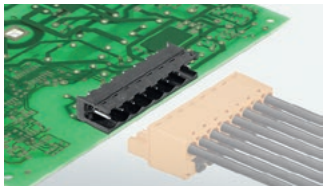
Webcode #01082

BCL-SMT 3.81

High-temperature-resistant female header with a very low profile for reflow soldering methods.

- Female header
- Pitch: 3.81 mm
- Number of poles: 2–12
- IEC: 320 V / 17.5 A
- UL: 300 V / 10 A

Pitch 5.00 mm

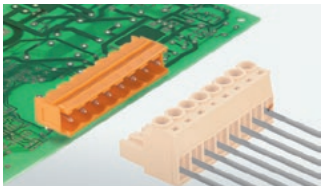


Webcode #11444

SL-SMT 5.00HC

High-temperature-resistant, bent pin header, optimized for automatic assembly and reflow and wave soldering.

- Male header
- Pitch: 5.00 mm
- Number of poles: 2–24
- IEC: 400 V / 27.5 A
- UL: 300 V / 18.5 A

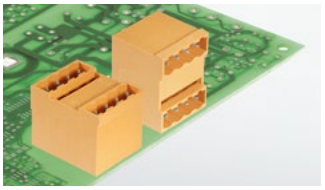


Webcode #01095

SL 5.00

Pin headers with solder pin length optimized for wave flow soldering.

- Male header
- Pitch: 5.00 mm
- Number of poles: 2–24
- IEC: 400 V / 24 A
- UL: 300 V / 18.5 A

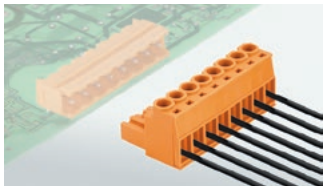


Webcode #11461

SLD 5.00

2-tier male header with parallel pin arrangement with outlet direction of 90° & 180°, optimized for wave soldering methods.

- Male header
- Pitch:5.00 mm
- Number of poles: 4–48
- IEC: 400 V / 15 A
- UL: 300 V / 10 A



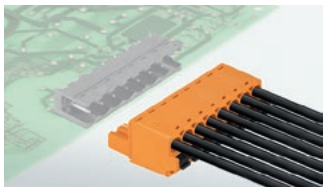
Webcode #01165

BLZP 5.00HC

High-current-female-plug for outlet direction of 90°, 180° or 270°.

- Clamping yoke screw connection
- Pitch: 5.00 mm
- Number of poles: 2–24
- IEC: 400 V / 23 A / 0.2–4 mm²
- UL: 300 V / 20 A / AWG 30–12

Pitch 5.00 mm



Webcode #11442

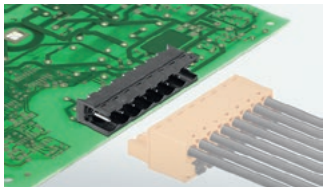
BLF 5.00HC

Compact high-current-female-plug for outlet direction of 90°, 180° or 270°.

- PUSH IN spring connection
- Pitch: 5.00 mm
- Number of poles: 2–24
- IEC: 400 V / 24 A / 0.2–2.5 mm²
- UL: 300 V / 18.5 A / AWG 26–12

OMNIMATE® Signal – PCB connectors

Pitch 5.08 mm

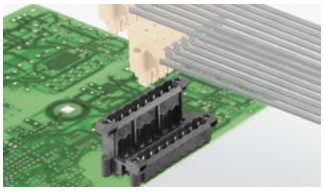


Webcode #01090

SL-SMT 5.08HC

Highly temperature-resistant angled male header optimised for automatic assembly and for reflow and wave soldering methods.

- Male header
- Pitch: 5.08 mm
- Number of poles: 2–24
- IEC: 400 V / 27.5 A
- UL: 300 V / 18.5 A

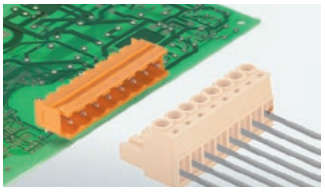


Webcode #11441

SLDV-THR 5.08

High-temperature resistant, double level, laterally offset, male connector with flange or solder flange.

- Male header
- Pitch: 5.08 mm
- Number of poles: 4–48
- IEC: 400 V / 15 A
- UL: 300 V / 10 A

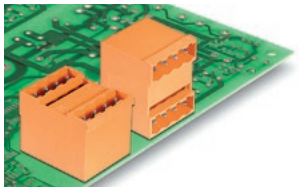


Webcode #01094

SL 5.08HC

Male headers in glass-fibre-reinforced plastic, optimised for wave soldering methods.

- Male header
- Pitch: 5.08 mm
- Number of poles: 2–24
- IEC: 400 V / 24 A
- UL: 300 V / 18.5 A



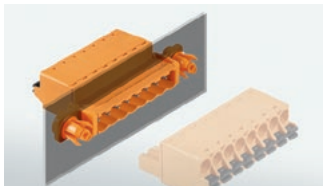
Webcode #11440

SLD 5.08

2-tier male header with parallel or laterally offset pin arrangement with with outlet direction of 90° & 180°, optimized for wave solvering methods.

- Male header, parallel or laterally offset
- Pitch: 5.08 mm
- Number of poles: 4–48
- IEC: 400 V / 15 A
- UL: 300 V / 10 A

Pitch 5.08 mm

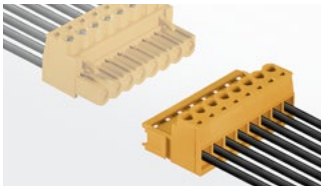


Webcode #01098

SLF 5.08

Male plugs with straight outlet direction provide space for labelling and can be coded.

- PUSH IN spring connection
- Pitch: 5.08 mm
- Number of poles: 2–12
- IEC: 400 V / 25.9 A / 0.2–2.5 mm²
- UL: 300 V / 14 A / AWG 26–12

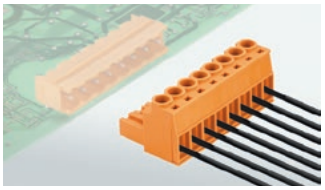


Webcode #01087

SLS 5.08

Male plug with clamping-yoke screw wire-connect system.Clamping yoke screw connection

- Pitch: 5.08 mm
- Number of poles: 2–24
- IEC: 400 V/21.5 A / 0.2–2.5 mm²
- UL: 300 V/14 A / AWG 26-AWG 12

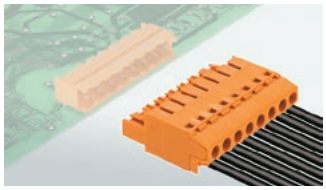


Webcode #01084

BLZP 5.08HC

High-current female plug for conductor connection with 90°, 180° to 225° and 270° outlet direction.

- Clamping yoke screw connection
- Pitch: 5.08 mm
- Number of poles: 2–24
- IEC: 400 V / 23 A / 0.2–4 mm²
- UL: 300 V / 20 A / AWG 30–12



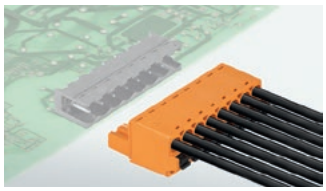
Webcode #01092

BLT 5.08HC

High-current female plug for conductor connection with a straight 180° outlet direction and space for labelling.

- TOP screw connection
- Pitch: 5.08 mm
- Number of poles: 2–24
- IEC: 400 V / 27 A / 0.2–2.5 mm²
- UL: 300 V / 17 A / AWG 26–14

Pitch 5.08 mm

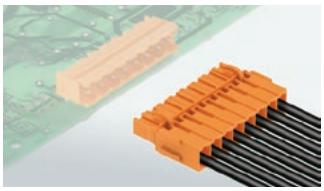


Webcode #01088

BLF 5.08HC

Compact high-current female plug for conductor outlet directions of 90° to 180° and 270°.

- PUSH IN spring connection
- Pitch: 5.08 mm
- Number of poles: 2–24
- IEC: 400 V / 24 A / 0.2–2.5 mm²
- UL: 300 V / 18.5 A / AWG 26–12

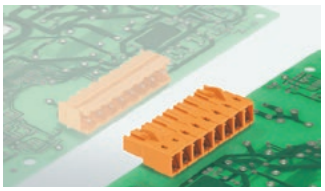


Webcode #01096

BLC 5.08

Female plug to allow for the pre-assembly of wiring harnesses in large quantities.

- Crimp connection system
- Pitch: 5.08 mm
- Number of poles: 2–16
- IEC: 400 V / 21 A
- UL: 300 V / 10 A / AWG 26–14



Webcode #01100

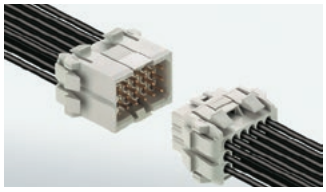
BLL 5.08

Female header for PCB assembly with 90° and 180° outlet direction and optimised solder pin length for wave soldering methods.

- Female header
- Pitch: 5.08 mm
- Number of poles: 2–24
- IEC: 400 V / 23 A
- UL: 300 V / 15 A

OMNIMATE® Signal – PCB connectors

Rectangular connector

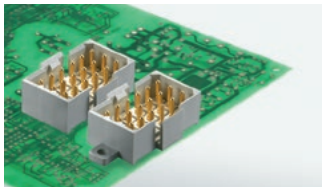


Webcode #11360

RSV 1.6 C

Rectangular connector for a high component density, for use as a free coupling or a PCB variant.

- Crimp connection system
- Pitch: 5.00 mm
- Number of poles: 4–36
- IEC: 630 V / 17 A
- UL: 600 V / 10 A / AWG 26–12



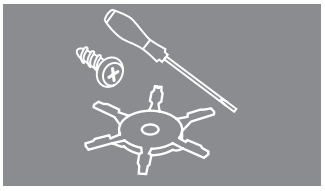
Webcode #01106

RSV 1.6 L

Rectangular connector with solder pin and solder jack contacts for PCB applications.

- Solder pin contacts
- Pitch: 5.00 mm
- Number of poles: 4–36
- IEC: 500 V / 14 A
- UL: 300 V / 10 A

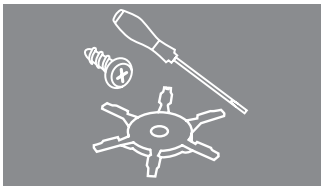
Accessories



Webcode #11439

Accessories

For signal PCB terminals



Webcode #11438

Accessories

For signal PCB connectors

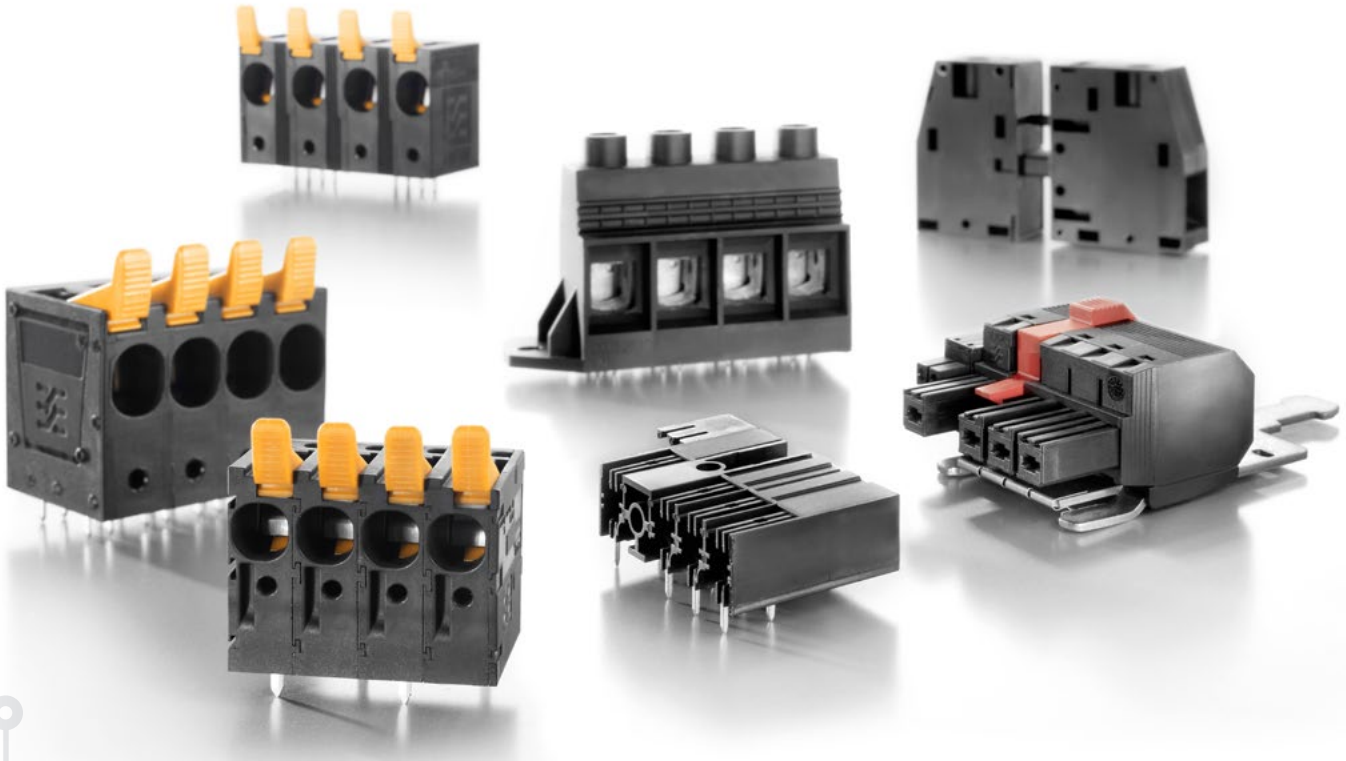
OMNIMATE® Power

Powerful connections with maximum security

New products and innovations help to shake up the market. Many power electronics applications are constantly evolving at a rapid pace, causing the requirements placed on connection systems to increase as well.

As specialists with a great deal of experience, we know the maximum power and security requirements that you place on your electronic devices.
Our high-performance PCB terminals, PCB connectors and panel feedthrough terminal blocks therefore also comply with applicable device standards such standard for speed-controlled drive technology.

Our Power products also fully achieve 600 volts in accordance with UL standards. PCB terminal blocks with PUSH IN wire connection and application-specific plug-in connectors for motor connection with shield support complete the range.





OMNIMATE® Power
PCB terminals

PUSH IN
600V
cULus

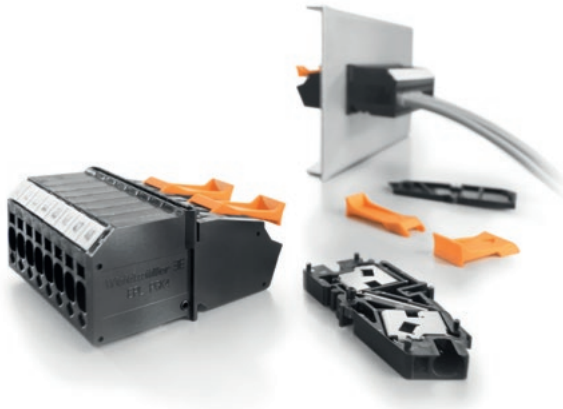
- High-power to 150 A / 1000 V (IEC) or 127 A / 600 V (UL)
- Application-oriented scalability with connection cross-sections from 16 mm² to 50 mm²
- Simple UL device approval up to 600 V
- PUSH IN wire connection up to 16 mm²
- Maintenance-free steel clamping yoke for vibration-resistant screw connections



OMNIMATE® Power
PCB plug-in connectors

PUSH IN
600V
cULus

- Application-oriented scalability: from the compact 4 mm² connector for 29 A (IEC) or 20 A (UL) up to the sturdy 16 mm² connector for 76 A (IEC) or 60 A (UL)
- Unlimited usage up to 1000 V (IEC) or 600 V (UL)
- A variety of application-optimised mounting options



OMNIMATE® Power
Panel feedthrough terminal blocks

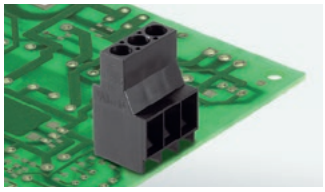
PUSH IN

- Clamping yoke screw connection
- PUSH IN wire connection
- Wall and housing feedthrough
- Simple, flexible and cost-saving assembly and connection of conductors
- Cable lug
- Solder connection

Learn more about our
application-oriented connection solutions
for your power electronics devices at:
www.weidmueller.com/omnimate-power

OMNIMATE® Power – PCB terminals

Clamping yoke screw connection

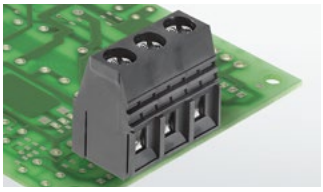


Webcode #01044

LL 6.35

High-performance PCB terminal with offset solder pins and conductor outlet direction of 90°.

- Clamping yoke screw connection
- Pitch: 6.35 mm
- Number of poles: 2–12
- IEC: 1.000 V / 32 A / 0.18–6 mm²
- UL: 600 V / 30 A / AWG 26–10

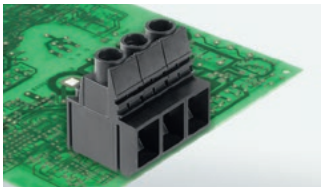


Webcode #01048

LU 10.16

High-performance PCB terminal with offset solder pins and conductor outlet direction of 90°.

- Clamping yoke screw connection
- Pitch: 10.16 mm
- Number of poles: 2–10
- IEC: 1.000 V / 76 A / 0.5–16 mm²
- UL: 300 V / 65 A / AWG 26–6

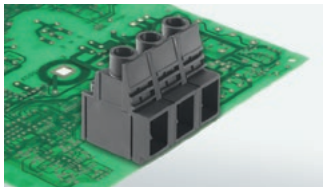


Webcode #01050

LUP 10.16 V with test point

High-performance PCB terminal with integrated test point and conductor outlet direction of 90°.

- Clamping yoke screw connection
- Pitch: 10.16 mm
- Number of poles: 2–9
- IEC: 1.000 V / 76 A / 0.5–16 mm²
- UL: 600 V / 51 A / AWG 26–6



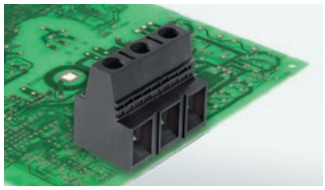
Webcode #01052

LUP 12.70 with test point

High-performance PCB terminal with integrated test point and conductor outlet direction of 90°.

- Clamping yoke screw connection
- Pitch: 12.70 mm
- Number of poles: 2–9
- IEC: 1.000 V / 76 A / 0.5–16 mm²
- UL: 600 V / 58 A / AWG 26–6

Clamping yoke screw connection

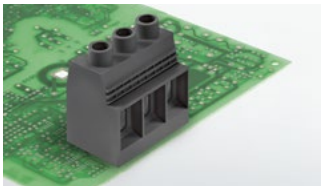


Webcode #01054

LX 15.00 with test point

High-performance PCB terminal with integrated test point and conductor outlet direction of 90°.

- Clamping yoke screw connection
- Pitch: 15.00 mm
- Number of poles: 1–9
- IEC: 1.000 V / 101 A / 1.5–25 mm²
- UL: 600 V / 85 A / AWG 16–4



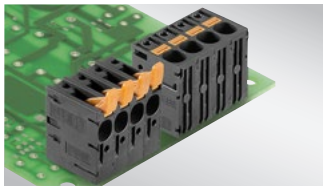
Webcode #01056

LXXX 15.00 with test point

High-performance PCB terminal with integrated test point and conductor outlet direction of 90°.

- Clamping yoke screw connection
- Pitch: 15.00 mm
- Number of poles: 1–9
- IEC: 1.000 V / 150 A / 0.5–50 mm²
- UL: 600 V / 127 A / AWG 20–1

PUSH IN spring connection

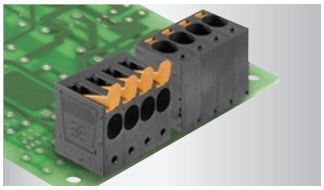


Webcode #11408

LLF / LLFS 7.5

Highly reliable PCB terminals with integrated test point and conductor outlet direction of 90° and 180°.

- PUSH IN spring connection
- Fast wiring without tool (LLF 7.50)
- Pitch: 7.5 mm
- Number of poles: 1–12
- IEC: 1.000 V / 41 A / 0.5–6 mm²
- UL: 600 V / 35 A /AWG 24–8

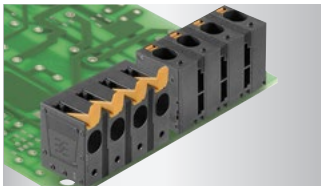


Webcode #01046

LUF / LUFS 10

Highly reliable PCB terminals with integrated test point and conductor outlet direction of 90° and 180°.

- PUSH IN spring connection
- Fast wiring without tool (LUF10)
- Pitch: 10.00 mm
- Number of poles: 1–12
- IEC: 1.000 V / 76 A / 0.5–16 mm²
- UL: 600 V / 61 A / AWG 18–6



Webcode #11409

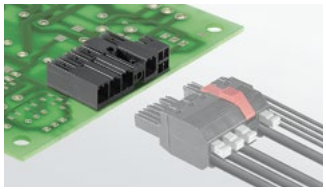
LUF / LUFS 15

Highly reliable PCB terminals with integrated test point and conductor outlet direction of 90° and 180°.

- PUSH IN spring connection
- Fast wiring without tool (LUF 15)
- Pitch: 15.00 mm
- Number of poles: 2–8
- IEC: 1.000 V / 76 A / 0.5–16 mm²
- UL: 1.000 V / 57 A / AWG 18–6

OMNIMATE® Power – PCB connectors

OMNIMATE® Power Hybrid

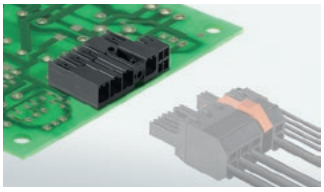


Webcode #11437

SV-SMT 7.62 hybrid

High-temperature-resistant hybrid male header with energy and signal contacts.

- Male header
- Pitch: 7.62 mm
- Pole count: 2/4–5/8
- IEC: 1.000 V / 41 A
- UL: 300 V / 35 A

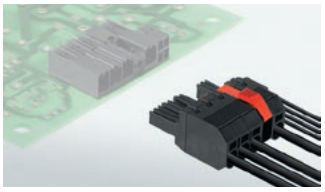


Webcode #01112

SV 7.62 hybrid

Hybrid male header with energy and signal contacts.

- Male header
- Pitch: 7.62 mm
- Pole count: 2/4–5/8
- IEC: 1.000 V / 41 A
- UL: 300 V / 35 A

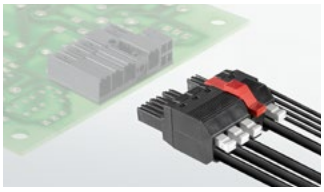


Webcode #11465

BVF 7.62HP hybrid

Hybrid female plug - the perfect 2-in-1 solution for the simultaneous combination of energy and signals. Available with plug-in EMC shield support on request.

- PUSH IN spring connection
- Pitch: 7.62 mm
- Pole count: 2/4–5/8
- IEC: 1.000 V / 38 A / 0.5–10 mm²
- UL: 600 V / 35 A / AWG 24–8



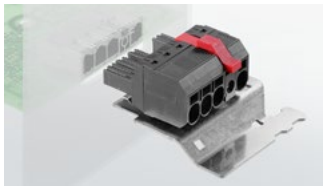
Webcode #11466

BVFL 7.62 hybrid

Hybrid female plug with Wire-Ready PUSH IN the perfect 2-in-1 solution for the simultaneous combination of energy and signals.

- Wire-Ready PUSH-IN spring connection
- Pitch: 7.62 mm
- Pole count: 2 / 4–5 / 8
- IEC: 1.000 V / 38 A / 0.5–6 mm
- UL: 600 V / 35 A / AWG 24–8

OMNIMATE® Power Hybrid

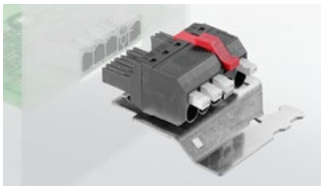


Webcode #11467

BVF 7.62 hybrid with pluggable shield connection

Hybrid female plug with pluggable shield connection to printed circuit board.

- PUSH IN spring connection
- Pitch: 7.62 mm
- Pole count: 4–4
- IEC: 1.000 V / 38 A / 0.5–10 mm
- UL: 600 V / 35 A / AWG 24–8



Webcode #11468

BVLF 7.62 hybrid with pluggable shield connection

Hybrid female plug with Wire-Ready PUSH IN and pluggable shield connection to printed circuit board.

- Wire-Ready PUSH IN spring connection
- Pitch: 7.62 mm
- Pole count: 4–4
- IEC: 1.000 V / 38 A / 0.5–6 mm
- UL: 600 V / 35 A / AWG 24–8

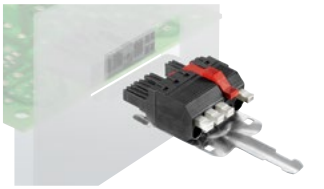


Webcode #11481

BVF 7.62 hybrid with pluggable shield connection

Hybrid female plug with pluggable shield connection to the device metall housing.

- PUSH IN spring connection
- Pitch: 7.62 mm
- Pole count: 4–4
- IEC: 1.000 V / 38 A / 0.5–10 mm
- UL: 600 V / 35 A / AWG 24–8



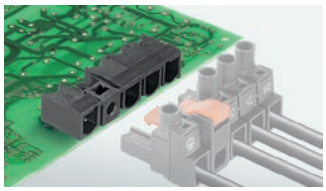
Webcode #11480

BVFL 7.62 hybrid with pluggable shield connection

Hybrid female plug with Wire-Ready PUSH-IN and pluggable shield connection to the device metall housing.

- Wire-Ready PUSH IN spring connection
- Pitch: 7.62 mm
- Pole count: 4–4
- IEC: 1.000 V / 38 A / 0.5–6 mm
- UL: 600 V / 35 A / AWG 24–8

OMNIMATE® Power IT

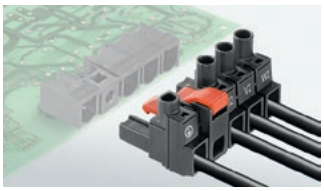


Webcode #01116

SL 7.62IT

Male header with optional solder flange attachment and with leading contact for IT networks.

- Male header
- Pitch: 7.62 mm
- Number of poles: 2–6
- IEC: 630 V / 29 A
- UL: 300 V / 20 A

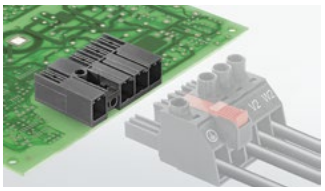


Webcode #01114

BLZ 7.62IT

Female plug with 180° outlet direction and touch safety for IT networks with self-locking centre flange.

- Clamping yoke screw connection
- Pitch: 7.62 mm
- Number of poles: 2–6
- IEC: 1,000 V / 41 A / 0.2–6 mm²
- UL: 600 V / 40.5 A / AWG 24–8

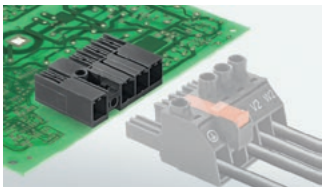


Webcode #11469

SV-SMT 7.62IT

High temperature-resistant male haeder with leading contact for IT-networks.

- Male header
- Pitch: 7.62 mm
- Number of poles: 2–5
- IEC: 1.000 V / 41 A
- UL: 300 V / 40.5 A



Webcode #01120

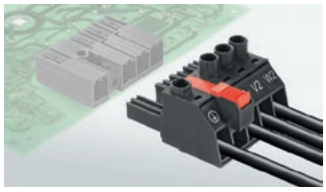
SV 7.62IT

Male header with optional solder flange attachment and with leading contact for IT networks.

- Male header
- Pitch: 7.62 mm
- Number of poles: 2–4
- IEC: 1.000 V / 41 A
- UL: 300 V / 40.5 A

OMNIMATE® Power – PCB connectors

OMNIMATE® Power IT

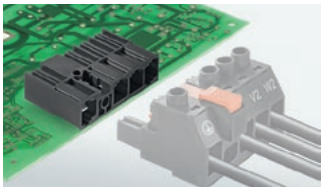


Webcode #01118

BVZ 7.62IT

Female plug with 180° outlet direction and touch safety for IT networks with self-locking centre flange.

- Clamping yoke screw connection
- Pitch: 7.62 mm
- Number of poles: 2–4
- IEC: 1,000 V / 41 A / 0.2–6 mm²
- UL: 600 V / 40.5 A / AWG 24–8

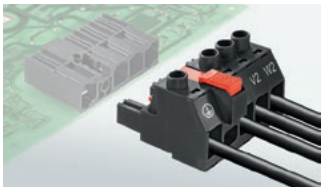


Webcode #01124

SU 10.16IT

Male header with optional solder flange attachment and with leading contact for computer networks.

- Male header
- Pitch: 10.16 mm
- Number of poles: 2–4
- IEC: 1,000 V / 76 A
- UL: 300 V / 60 A



Webcode #01122

BUZ 10.16IT

Female plug with 180° outlet direction and touch safety for IT networks with self-locking centre flange.

- Clamping yoke screw connection
- Pitch: 10.16 mm
- Number of poles: 2–4
- IEC: 1,000 V / 78 A / 0.2–16 mm²
- UL: 300 V / 60 A / AWG 22–4



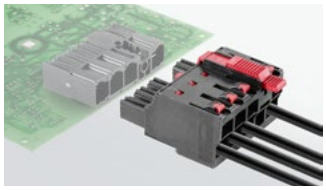
Webcode #11479

BUZ 10.16IT SH

Female plug with 180° outlet direction and touch safety for IT networks with self-locking centre flange and pluggable shield connection to the device metall housing.

- Clamping yoke screw connection
- Pitch: 10.16 mm
- Number of poles: 3–4
- IEC: 1,000 V / 76 A / 2.5–16 mm²
- UL: 600 V / 55 A / AWG 22–4

OMNIMATE® Power IT



Webcode #11407

BUF 10.16IT

Female plug with 180° outlet direction for IT networks with self-locking centre flange.

- PUSH IN spring connection
- Pitch: 10.16 mm
- Number of poles: 2–5
- IEC: 1,000 V / 76 A / 2,5 – 16 mm²
- UL: 600 V / 55 A / AWG 12 – AWG 4



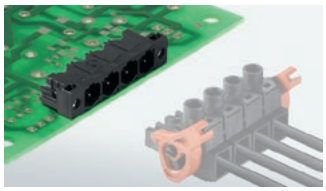
Webcode #11471

BUF 10.16IT SH

Female plug with 180° outlet direction and touch safety for IT networks with self-locking centre flange and pluggable shield connection to the device metall housing.

- PUSH IN spring connection
- Pitch: 10.16 mm
- Number of poles: 3–4
- IEC: 1,000 V / 76 A / 2.5–16 mm²
- UL: 600 V / 55 A / AWG 12–4

OMNIMATE® Power HP pitch 4 mm²

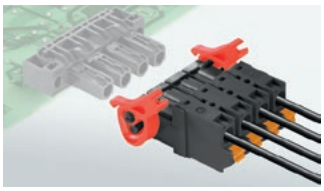


Webcode #01130

SL 7.62HP

Male header with single compartment mating profile and touch protection.

- Male header
- Pitch: 7.62 mm
- Number of poles: 2–12
- IEC: 630 V / 29 A
- UL: 300 V / 20 A



Webcode #01134

SLF 7.62HP

Male plug with single compartment mating profile with 180° outlet direction as touch-safe solution for the reverse voltage in HP networks.

- PUSH IN spring connection
- Pitch: 7.62 mm
- Number of poles: 2–5
- IEC: 1,000 V / 24 A / 0.5–2.5 mm²
- UL: 600 V / 20 A / AWG 20–12

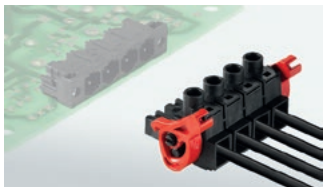


Webcode #11472

SLF 7.62HP SH

Male plug with single compartment mating profile with 180° outlet direction as touch-safe solution for the reverse voltage in HP networks, with pluggable shield connection to the device metall housing.

- PUSH IN spring connection
- Pitch: 7.62 mm
- Number of poles: 4
- IEC: 1,000 V / 24 A / 0.5–2,5 mm²
- UL: 600 V / 20 A / AWG 20–12



Webcode #01126

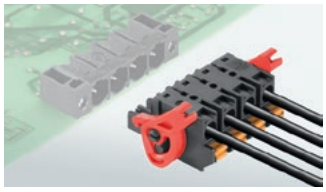
BLZ 7.62HP

Female plug with single compartment mating profile with 180° outlet direction and touch protection for HP networks.

- Clamping yoke screw connection
- Pitch: 7.62 mm
- Number of poles: 2–12
- IEC: 630 V / 29 A / 0.2–4 mm²
- UL: 600 V / 20 A / AWG 20–12

OMNIMATE® Power – PCB connectors

OMNIMATE® Power HP pitch 4 mm²

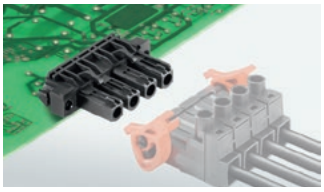


Webcode #01128

BLF 7.62HP

Female plug with single compartment mating profile with 180° outlet direction and touch protection for HP networks.

- PUSH IN spring connection
- Pitch: 7.62 mm
- Number of poles: 2–12
- IEC: 1,000 V / 24 A / 0.5–2.5 mm²
- UL: 600 V / 20 A / AWG 20–12



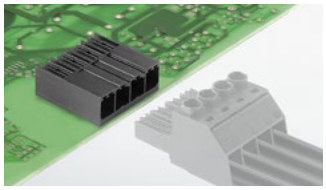
Webcode #01136

BLL 7.62HP

Touch-safe female header with single compartment mating profile for the PCB with one-hand safety interlock.

- Female header
- Pitch: 7.62 mm
- Number of poles: 2–5
- IEC: 630 V / 24 A
- UL: 300 V / 20 A

OMNIMATE® Power HP pitch 10 mm²

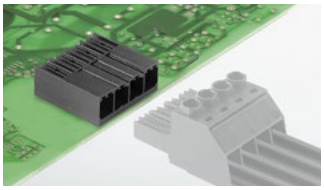


Webcode #11473

SV-SMT 7.62HP

High temperature-resistant single-row male header for pole-loss-safe attachment or for use with patented multi-function flanges for TNC(S) networks.

- Male header
- Pitch: 7.62 mm
- Number of poles: 2–5
- IEC: 1,000 V / 41 A
- UL: 300 V / 40.5 A

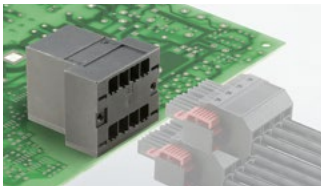


Webcode #01142

SV 7.62HP

High-performance single-row male header for pole-loss-safe attachment or for use with patented multi-function flanges for TNC(S) networks.

- Male header
- Pitch: 7.62 mm
- Number of poles: 2–12
- IEC: 1,000 V / 41 A
- UL: 300 V / 40.5 A

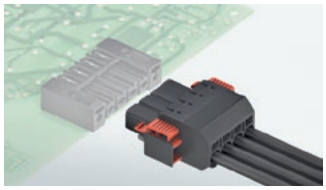


Webcode#11474

SVD 7.62HP

Double-row high-current, high-performance pin headers for pole-loss-safe attachment or for use with patented multi-function flanges for TNC(S) networks.

- Male header
- Pitch: 7.62 mm
- Number of poles: 4–12
- IEC: 1,000 V / 47 A
- UL: 300 V / 30 A



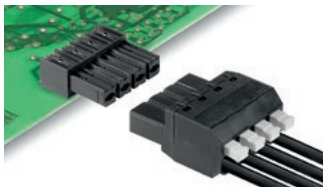
Webcode #11475

SVF 7.62HP

High-performance male plug with 180° outlet direction as a three-flange version for the housing feedthrough for TNC(S) networks.

- PUSH IN spring connection
- Pitch: 7.62 mm
- Number of poles: 2–6
- IEC: 1,000 V / 41 A / 0.5–10 mm²
- UL: 600 V / 35 A / AWG 24–10

OMNIMATE® Power HP pitch 10 mm²

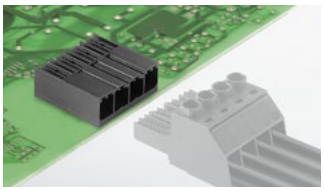


Webcode #11476

SVFL 7.62HP

High-performance male plug with 180° outlet direction as a three-flange version for the housing feedthrough for TNC(S) networks.

- Wire-Ready PUSH IN spring connection
- Pitch: 7.62 mm
- Number of poles: 2–6
- IEC: 1,000 V / 41 A / 0.5–6 mm²
- UL: 600 V / 35 A / AWG 24–10



Webcode #01138

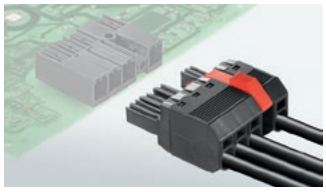
BVZ 7.62HP

High-performance female plug for pole-loss-safe attachment or for use with patented multi-function flanges for TNC(S) networks.

- Clamping yoke screw connection
- Pitch: 7.62 mm
- Number of poles: 2–12
- IEC: 1,000 V / 41 A / 0.2–6 mm²
- UL: 600 V / 40.5 A / AWG 24–8

OMNIMATE® Power – PCB connectors

OMNIMATE® Power HP pitch 10 mm²

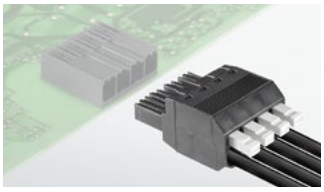


Webcode #11477

BVF 7.62HP

High-performance female plug with 180° outlet direction as a touch-safe solution for the power output for TNC(S) networks.

- PUSH IN spring connection
- Pitch: 7.62 mm
- Number of poles: 2–7
- IEC: 1.000 V / 41 A / 0.5–10 mm²
- UL: 600 V / 35 A / AWG 24–8

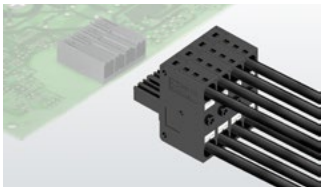


Webcode #11478

BVFL 7.62HP

High-performance female plug with 180° outlet direction as a touch-safe solution for the power output for TNC(S) networks.

- Wire-Ready PUSH-IN spring connection
- Pitch: 7.62 mm
- Number of poles: 2–5
- IEC: 1.000 V / 41 A / 0.5–6 mm²
- UL: 600 V / 35 A / AWG 24–8

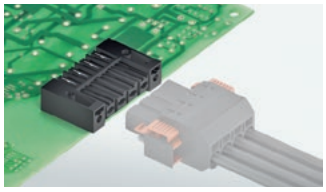


Webcode #11512

BVDF 7.62HP

Bus connector with two connections per pole with the time-saving 6mm² PUSH IN connection system

- Female header
- Pitch: 7.62 mm
- Number of Poles: 2–8
- IEC: 600 V / 46 A / 0.5 - 10 mm²
- UL: 600 V / 35 A / AWG 24 - AWG 8



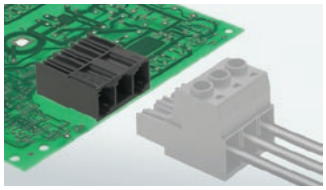
Webcode #01148

BVL 7.62HP

High-performance female header for pole-loss-safe attachment or for use with patented multi-function flanges for TNC(S) networks.

- Female header
- Pitch: 7.62 mm
- Number of poles: 2–7
- IEC: 1.000 V / 41 A
- UL: 300 V / 35 A

OMNIMATE® Power HP pitch 10.16 mm²

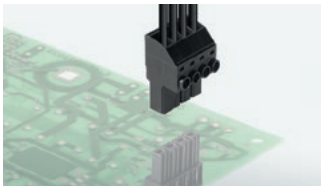


Webcode #01152

SU 10.16HP

High-performance single-row male header for pole-loss-safe attachment or for use with patented multi-function flanges for TNC(S) networks.

- Male header
- Pitch: 10.16 mm
- Number of poles: 2–9
- IEC: 1.000 V / 76 A
- UL: 300 V / 60 A

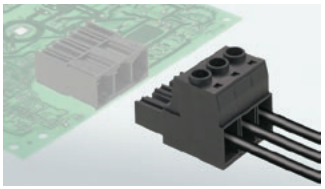


Webcode #01154

SUZ 10.16HP

High-performance male plug with 180° outlet direction and high-strength contact system for TNC(S) networks.

- Clamping yoke screw connection
- Pitch: 10.16 mm
- Number of poles: 2–9
- IEC: 1.000 V / 78 A / 0.2–16 mm²
- UL: 600 V / 54 A / AWG 24–6

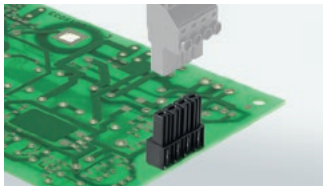


Webcode #01150

BUZ 10.16HP

High-performance female plug with 180° outlet direction for pole-loss-safe attachment or for use with patented multi-function flanges for TNC(S) networks.

- Clamping yoke screw connection
- Pitch: 10.16 mm
- Number of poles: 2–9
- IEC: 1.000 V / 78 A / 0.2–16 mm²
- UL: 600 V / 60 A / AWG 22–4



Webcode #01156

BUL 10.16HP

High-performance female header with 180° outlet direction and high-strength contact system for TNC(S) networks.

- Female header
- Pitch: 10.16 mm
- Number of poles: 2–4
- IEC: 1.000 V / 76 A
- UL: 300 V / 57 A

PUSH IN spring connection



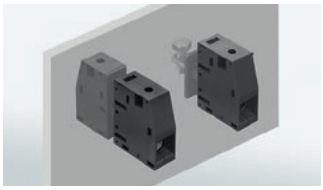
Webcode #01158

PGK

Device feedthrough terminal blocks with disc design and intuitive locking for a quick and compact solution.

- PUSH IN spring connection
- Connection cross-section: up to 4 mm²
- IEC: 500 V / 32 A / 0.5–4 mm²
- UL: 300 V / 30 A / AWG 24–10

Clamping yoke screw connection



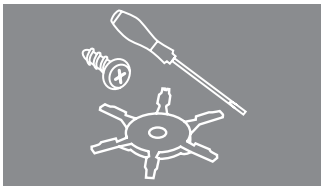
Webcode #01160

WGK

High-current feed-through terminals as a universal solution to guide currents of various scales through the device wall.

- Clamping yoke screw connection
- Connection cross-section: 6 to 95 mm²
- IEC: 1.000 V / 232 A / 0.5–95 mm²
- UL: 600 V / 230 A / AWG 24–4/0

Accessories



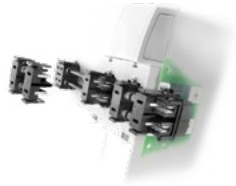
Webcode #11463

Accessories

For Power feed-through terminals

OMNIMATE® Power – PCB- connector cross connection

OMNIMATE® Power bus and T-connector

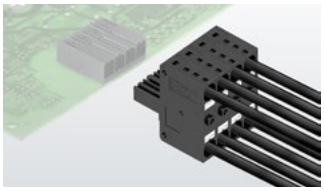


Webcode #11513

PB 160

Modular current bar solution, for multi-axis servo amplifiers intermediate circuit and 24 V control voltage supply.

- Modular SNAP-IN bus system
- Tool less connection
- Number of poles: 2
- IEC: 1000 V / 160 A
- UL: 750 V DC / 160 A



Webcode #11512

BVDF 7.62HP

T-connector with two connections per pole with the time-saving 6 mm² PUSH IN connection system.

- Female header
- Pitch: 7.62 mm
- Number of Poles: 2–8
- IEC: 600 V / 46 A / 0.5 –10 mm²
- UL: 600 V / 35 A / AWG 24 – AWG 8

Shape design-in processes in a uniquely efficient way

Our services make sure you get perfect results

They develop connection systems for PCBs and devices based on the final application. Our specialists will gladly provide you with really concrete support with your design-in process, with expertise, advice and a range of useful services.

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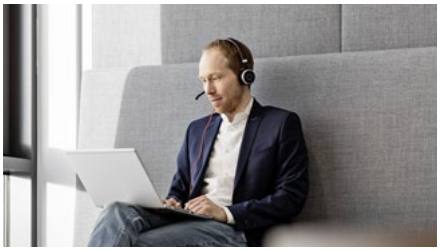
#01167



#01163

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Just order your design-in samples, quickly and easily. Make the most of the free 72-hour sample service for OMNIMATE®. Wherever you're situated, we always keep our word and deliver your samples to the desired location within 72 hours.



#01201

Webinars on practical issues

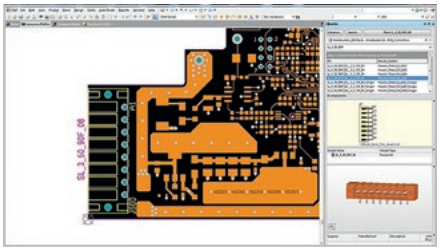
Exciting online seminars on relevant issues relating to device connection systems will help you with the practical aspects of your project. All webinar services are free of charge. You can find out dates, topics and presenters quickly and easily using the corresponing webcode.



#11359

Whitepaper

We share our expertise: Find out detailed information and interesting facts about trend topics in the field of device connectivity in our Whitepaper section.



#01203

Component library for electronic PCB design

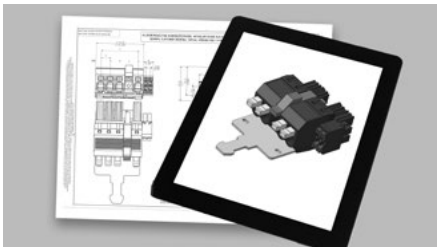
Switching symbols and the painstaking creation of footprints are now things of the past. We offer extensive component libraries of OMNIMATE® PCB terminals and PCB conectors for a wide range of different EDA systems. Simply download and import the data set and you're ready to go.

PARTcommunity

b2b.partcommunity.com

CAD models in the Part Community

CAD models for our OMNIMATE® PCB connection systems can be found in one of the industry's most important online forums. The "Part Community" allows engineers and technicians to trade knowledge on technical topics in all fields. The Community's online catalogue contains the exact dimensions and all other relevant data for our products.



#11347

Technical information

The OMNIMATE® device connection methodology is highly flexible, ensuring your application requirements are met. The more familiar you are with it, the easier it is to find the optimum component.



Online and personal support

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

Visit our website
for more information
www.weidmueller.com/service



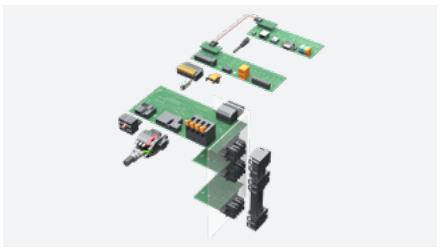
#11563
TCO Calculator

Determine the savings potential with device connection technology and services from Weidmüller using the total cost of ownership - from device development and PCB assembly to installation in the electrical cabinet.



#11565
ConnectorGuide

With the "Search based on your device" function, we have put ourselves in the position of the device developer and recommend a small selection of precisely fitting products for different devices and their functional units.



#01171
ProductGuide

With the function "Search based on products" we offer an efficient possibility to narrow down your product search step by step by means of a simplified representation of the connection technology in the installation state.



#11567
Safe and easy product handling

A QR code on the product and the outer packaging leads directly to the corresponding handling video. The individual installation steps can be followed directly during processing.



#11568
On-site advice by application specialists

We develop connection systems for PCBs and devices based on the application. And if you can involve us in your development at an early stage – even better. As part of our personal on-site customer consultancy service, our application specialists will meet with your technicians to discuss questions and problems relating to your project.



#11569
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From pre-assembled cabling solutions to bespoke special cables, ensuring reliable and efficient connections is a challenging task. We support you with our demand-oriented assembly services to handle even the most complex of cabling tasks.

The Weidmüller Group

Industrial Connectivity: Electrification, automation, digitalisation, electrical connectivity and renewable energies – markets in which Weidmüller feels right at home. Established in 1850, the family-owned company is represented worldwide with production facilities and sales companies. As a global player in electrical connectivity and automation, Weidmüller stands for innovative products, solutions and services for industrial connectivity. The company is headquartered in Detmold, in the heart of the East Westphalia-Lippe region of Germany.

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Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
32758 Detmold, Germany
T +49 5231 14-0
F +49 5231 14-292083
www.weidmueller.com

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