You're looking to optimise your design-in process
Our online services open up opportunities
Let’s connect.

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

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.

From technical specifications, through development and design, to approval and series production, our OMNIMATE® Services can considerably reduce your project expenditure and time to market. Put your trust in our expertise when acquiring information and find the right components for your device quickly and easily with our convenient online tools and 72h sample service.
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 one path to the right product; there’ll just be the right path: yours.

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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.

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

---

The product configurators
Your layout is ready and you know what components you want to use. Use the product configurator to quickly select device connectivity and housings and to adapt them according to your application’s component specifications and requirements.

---

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. *)

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
Based on your application, the AppGuide 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.

**Your device application**

**Our AppGuide for device developers**

Webcode #01171

1. Open the AppGuide
   Go to: www.weidmuller.com/AppGuide or use the Webcode #01171

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

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.

**Go directly to your application with the webcode**

**Industrial controls**
Webcode #01173

**Drive controllers and regulators**
Webcode #01175

**Devices of machine safety**
Webcode #01177

**Analogue signal converter**
Webcode #01179

**Photovoltaic inverter**
Webcode #01181

**Power supply**
Webcode #01183

**Radio base stations**
Webcode #01187

**Heating electronics**
Webcode #01189

**Building security equipment**
Webcode #01191

**LED lighting systems**
Webcode #01195

**Elevator electronics devices**
Webcode #01197

**Webcodes #**

Simply enter the hashtag with five digits into the search screen on our website to find out more about your application and the matching products.
Your requirements for individual components
Our product configurators for more design freedom

Product configurator for device connection technology
Whenever you are looking for the right connection technology, the product configurator for device connection technology enables the quick selection and adaptation of terminals and plug connectors according to component specifications and application requirements.

Stored data packages
- Ordering data
- Dimensions and weights
- System specifications
- Material data
- Connection system data
- Rating and nominal data
- Classifications
- Approvals

Customised colours
Process-compatible packaging
Clear labelling
Application-oriented surfacing systems
Optimised pin lengths
Distinctive coding
Custom assembly

Webcode #11345

Product configurator for electronic housings
Weidmüller’s innovative CH20M housing system allows us to provide the best platform to fit your custom requirements – for whatever electronics application you are planning. Configure custom-fit housings according to your requirements from our line of connectivity, housing, and accessory components.

Customised colours
Clear labelling
Custom assembly

Dimensions of the circuit board
User-friendly mounting rail connection
Pin lengths optimized for the process

Process-compatible packaging

Webcode #11343
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 extremely 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 and does not set any limits on your creativity.

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
- 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 connector
- 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
OMNIMATE® Signal – PCB terminals

**Clamping pole screw connection**

- **UL**: 300 V / 10 A / AWG 26–14
- **IEC**: 320 V / 16 A / 0.2–1.5 mm²
- Number of poles: 2–12
- Pitch: 3.50 mm
- Number of poles: 2–12
- IEC 320 V / 17.5 A / 0.2–1.5 mm²
- UL 380 V / 12 A / AWG 24–16

**Leaf-spring screw connection**

- **UL**: 300 V / 15 A / AWG 28–14
- **IEC**: 630 V / 17.5 A / 0.2–2.5 mm²
- Number of poles: 2–24
- Pitch: 5.00 mm / 5.08 mm
- Number of poles: 2–12
- IEC 320 V / 17.5 A / 0.2–1.5 mm²
- UL 380 V / 12 A / AWG 24–16

**TOP screw connection**

- **UL**: 300 V / 15 A / AWG 26–14
- **IEC**: 630 V / 17.5 A / 0.2–2.5 mm²
- Number of poles: 2–24
- Pitch: 5.00 mm / 5.08 mm
- Number of poles: 2–12
- IEC 320 V / 17.5 A / 0.2–1.5 mm²
- UL 380 V / 12 A / AWG 24–16

**PUSH IN spring connection**

- **UL**: 300 V / 12 A / AWG 24–16
- **IEC**: 500 V / 17.5 A / 0.2–1.5 mm²
- Pitch: 5.00 mm / 5.08 mm
- Number of poles: 2–12
- IEC 320 V / 17.5 A / 0.2–1.5 mm²
- UL 380 V / 12 A / AWG 24–16

**Soldering**

- **UL**: 300 V / 15 A / AWG 24–16
- **IEC**: 630 V / 17.5 A / 0.2–2.5 mm²
- Number of poles: 2–24
- Pitch: 5.00 mm / 5.08 mm
- Number of poles: 2–12
- IEC 320 V / 17.5 A / 0.2–1.5 mm²
- UL 380 V / 12 A / AWG 24–16

**Support for each step of your design-in process**

Your design process is ambitious and really complex. You need to be able to insert as much reliable information as possible directly into your planning tool. Use our support service for every aspect of your design-in management. Choose from the following services:

- Data sheets
- CAD models
- EDA library
- Handling videos
- Counterpart selector
OMNIMATE® Signal – PCB connectors

Pitch 5.08 mm

SLS5.08HC
High-temperature resistant, 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 / 10 A

SL5.08HC
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 / 18 A
- UL: 300 V / 10 A

OMNIMATE® Signal – PCB connectors

Rectangular connector

RSV 1.6 C
Rectangular connector for a high component density, for use as a free coupling or PCB variant.
- Crimp connection system
- Pitch: 5.00 mm
- Number of poles: 2–36
- IEC: 400 V / 17 A
- UL: 300 V / 10 A

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: 2–36
- IEC: 500 V / 14 A
- UL: 300 V / 10 A
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 practical 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 as the IEC 61800 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
• 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
• 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
• 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.power-electronics-connectors.com
OMNIMATE® Power PCB terminals

**Clamping yoke screw connection**

UL 0.35
High performance PCB terminal with offset saddle pins and conductor outlet direction of 90°.
- Number of poles: 2–12
- UL: 300 V / 0.8 A / AWG 26-10

UL 10.16
High performance PCB terminal with offset saddle pins and conductor outlet direction of 90°.
- Number of poles: 2–10
- UL: 300 V / 0.8 A / AWG 26-6

LUP 10.16
High performance PCB terminal with integrated test point and conductor outlet direction of 90°.
- Number of poles: 2–10
- UL: 300 V / 0.8 A / AWG 26-6

LUP 12.70
High performance PCB terminal with integrated test point and conductor outlet direction of 90°.
- Number of poles: 2–10
- UL: 300 V / 0.8 A / AWG 26-6

**Fast wiring without tool (LUF)**

UL 15.00
High performance PCB terminal with integrated test point and conductor outlet direction of 90°.
- Number of poles: 1-9
- UL: 600 V / 0.5 A / AWG 16-4

LXXX 15.00
High performance PCB terminal with integrated test point and conductor outlet direction of 90°.
- Number of poles: 1-9
- UL: 600 V / 0.5 A / AWG 16-4

**Webcode #01054**

Webcode #01056

**OMNIMATE® Power Hybrid**

**Webcode #11408**

**Webcode #11409**

**Webcode #11410**

**OMNIMATE® Power IT**

**SL 3.60**
Male header with terminal solders for flush fitting and with leading contact for IT networks.
- Male header
- Pitch: 7.62 mm
- Number of poles: 3-8
- UL: 380 V / 35 A

**BL 2.90**
Female plug with 180° solder pin direction and test safety for IT networks with self-locking centre flange.
- Female plug
- Pitch: 7.62 mm
- Number of poles: 3-8
- UL: 380 V / 40 S A

**S 3.60**
High temperature-resistant male header with leading contact for IT networks.
- Male header
- Pitch: 7.62 mm
- Number of poles: 3-8
- UL: 380 V / 40 S A

OMNIMATE® Power connector solutions

**SU-SMT 7.62 Hybrid**
High temperature-resistant male header with energy and signal contacts.
- Male header
- Pitch: 7.62 mm
- Pole count: 4-4
- UL: 380 V / 41 A
- UL: 380 V / 40 S A / AWG 24-8

**BVFL 7.62HP Hybrid**
High temperature-resistant male header with Wire-Ready Push-In and pluggable shield connection in printed circuit board.
- Male header
- Pitch: 7.62 mm
- Pole count: 4-4
- UL: 380 V / 41 A

**BVFL 7.62**
Male header with leading contact for IT-networks.
- Male header
- Pitch: 7.62 mm
- Number of poles: 3-8
- UL: 380 V / 41 A
- UL: 380 V / 40 S A
### OMNIMATE® Power – PCB connectors

#### OMNIMATE® Power IT

**BUIZ 7.62IT**
- Female plug with 180° ovalized direction and touch safety for IT networks with self-locking centre flange.
- [Webcode #01116](#)
- [Webcode #01124](#)
- [Webcode #11419](#)

**SU 10.16IT**
- Male header with optional ovalized flange attachment and with leading contact for computer networks.
- [Webcode #11407](#)
- [Webcode #11417](#)

**BUF 10.16IT**
- Male plug with 180° ovalized direction and touch safety for IT networks with self-locking centre flange.
- [Webcode #11407](#)
- [Webcode #11417](#)

**BLZ 7.62IT**
- Female plug with single compartment mating profile with 180° ovalized direction and touch protection for IT networks.
- [Webcode #01128](#)
- [Webcode #01142](#)

#### OMNIMATE® Power HP pitch 4 mm²

**SUI 7.62HP**
- Male plug with single compartment mating profile with 180° ovalized direction and touch safety for IT networks with self-locking centre flange and pluggable shield connection to the device metal housing.
- [Webcode #01118](#)
- [Webcode #01122](#)

**SUL 7.62HP**
- Male plug with single compartment mating profile with 180° ovalized direction and touch safety for IT networks with self-locking centre flange and pluggable shield connection to the device metal housing.
- [Webcode #01118](#)
- [Webcode #01122](#)

#### OMNIMATE® Power HP pitch 10 mm²

**SLZ 7.62HP**
- Male plug with single compartment mating profile and touch protection.
- [Webcode #01110](#)

**SUI 7.62HP**
- Male plug with single compartment mating profile with 180° ovalized direction in touch-safe solution for the reverse voltage in HP networks.
- [Webcode #01118](#)

**SUL 7.62HP**
- Male plug with single compartment mating profile with 180° ovalized direction as touch-safe for TNC(S) networks.
- [Webcode #01118](#)

#### OMNIMATE® Power HP pitch 15 mm²

**SLF 7.62HP**
- Male plug with single compartment mating profile with 180° ovalized direction and touch safety for IT networks with self-locking centre flange.
- [Webcode #01110](#)

**SUI 7.62HP**
- Male plug with single compartment mating profile with 180° ovalized direction in touch-safe solution for the reverse voltage in HP networks.
- [Webcode #01118](#)

**SUL 7.62HP**
- Male plug with single compartment mating profile with 180° ovalized direction as touch-safe for TNC(S) networks.
- [Webcode #01118](#)
OMNIMATE® Power – PCB connectors

OMNIMATE® Power HP pitch 10 mm

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Design Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>BVP 7.62HP</td>
<td>High-performance female plug with 180° outlet direction as a touch-safe solution for the power output for TNC(S) networks.</td>
<td>PUSH IN spring connection, Female header, Pitch: 7.62 mm, Number of poles: 2-5, IEC: 1,000 V / 41 A, 0.5–16 mm², UL: 600 V / 60 A / AWG 22–4</td>
</tr>
<tr>
<td>BVL 7.62HP</td>
<td>High-performance male plug with 180° outlet direction as a touch-safe solution for the power output for TNC(S) networks.</td>
<td>PUSH IN spring connection, Male header, Pitch: 7.62 mm, Number of poles: 2-5, IEC: 1,000 V / 41 A, 0.5–16 mm², UL: 600 V / 70 A / AWG 24–8</td>
</tr>
<tr>
<td>BV 7.62HP</td>
<td>High-performance female header for pole-loss-safe attachment or for use with patented multi-function flanges for TNC(S) networks.</td>
<td>Clamping yoke screw connection, Female header, Pitch: 7.62 mm, Number of poles: 2-5, IEC: 1,000 V / 41 A</td>
</tr>
</tbody>
</table>

OMNIMATE® Power HP pitch 10.16 mm

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>BVLF 10.16HP</td>
<td>High-performance female plug with 180° outlet direction as a touch-safe solution for the power output for TNC(S) networks.</td>
<td>PUSH IN spring connection, Female header, Pitch: 10.16 mm, Number of poles: 2-5, IEC: 1,000 V / 41 A, 0.9–16 mm², UL: 600 V / 60 A / AWG 22–4</td>
</tr>
<tr>
<td>BVFL 10.16HP</td>
<td>High-performance female plug with 180° outlet direction as a touch-safe solution for the power output for TNC(S) networks.</td>
<td>PUSH IN spring connection, Female header, Pitch: 10.16 mm, Number of poles: 2-5, IEC: 1,000 V / 41 A, 0.5–16 mm², UL: 600 V / 60 A / AWG 24–8</td>
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<td>Clamping yoke screw connection, Female header, Pitch: 10.16 mm, Number of poles: 2-5, IEC: 1,000 V / 41 A</td>
</tr>
</tbody>
</table>

72-hour sample service
Design-in samples delivered to any location

With PCB and device designs, there always comes a point at which design engineers need to find exactly the right connection for their application. Just order your design-in samples, quickly and easily. Make the most of the free 72-hour sample service for OMNIMATE®:

1. Select your required sample from the online catalogue
2. Check your enquiry list
3. Enter your contact details and complete your order

You’ll receive your OMNIMATE® product samples free of charge within 72 hours.

Webcode #01163
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 individual components.

The Weidmüller data connectors provide convincing solutions. RJ45, USB and D-SUB PCB connectors ensure a safe and efficient interface to 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 STEADYTEC® connection system for an industry-standard design.

Benefit from using our coordinated and high-performance components and a wide range of potential applications.

OMNIMATE® Data
RJ45 PCB jacks
• Future-proof transmission characteristics up to Cat 6 standard for a data rate of up to 1 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
• Many different design types also with integrated LEDs and shield contact lugs
• Extended temperature range from -40 °C to +85 °C for maximum performance

OMNIMATE® Data
USB PCB jacks
• Robust plug & play operation - connect and disconnect without shutting down or restarting the system
• Reinforced gold surface - up to 1,500 plugging cycles meet the requirements for high resistance
• USB 3.0 jacks supported data rate of 5 Gbit/s for fast data transfer
• High rated current of up to 1.5 A provides sufficient safety reserves with a maximum charging current of 0.9 A
• Flexible deployment thanks to the compatibility of USB 3.0 hosts and devices with version 2.0

OMNIMATE® Data
D-SUB PCB jacks
• Simple installation - Due to the straight and angled designs, the sockets integrate into any installation situation.
• High performance - Established locking systems in combination with polarisation and protection of the contacts fulfill standards in electronic applications.
• Broad range of applications - In compliance with the dimensions according to IEC 60807-3 (IEC 807-3) and DIN 41652, a wide variety of applications, such as measuring devices, interfaces and electronic devices, are covered.
OMNIMATE® Housings
The perfect platform for form and function

Modern and innovative electronics housings owe their success to the synergy between design, connection technologies and functionality. With OMNIMATE® Housings, we offer you the right housings to meet your requirements perfectly.

Weidmüller’s electronics provide a state-of-the-art platform for electronics applications: for all design types and usage areas. The application and its requirements are the foundation for the housing design.

Component housings using the standard pitch sizes are particularly well suited for standardised electrical cabinet applications. The CH20M product series is primarily designed for high-spec applications and meets strict requirement profiles, for instance in the areas of machine safety and high-performance signal converters.

OMNIMATE® Housings
CH20M - Modular Component Housing

- Systematic modularity - from head (plate) to (clip-on) foot
- Excellent scalability - 7 different widths, from 6.1 - 67.5 mm
- Maximized security: with leading-pin contact and captive coding system
- Unlimited continuity - a unified design for all pitch widths
- Very compact size - up to 4 connection levels - with eject lever
- Complete process security - SMT/THR connection components packaged in Tape-on-Reel and an optimized PCB design
- Maximized efficiency - with the optimized use of PCB surface space
OMNIMATE® Housings
“Tailor-made suits straight off the rack” for application-specific solutions

Compatible: the individual modules can be positioned anywhere on any TS-35 standard top-hat rail. Unused areas are safely covered.

Maximum availability
When considering design options, processing, usability, reliability and security, the PCB terminals or pin headers and connectors are just as important in the practice as the entire system.

The right connection technology
Unlimited configuration

OMNIMATE® Housing – CH20M

CH20M
Webcode #11317
CH20M6
The tailor-made solution for a wide application spectrum. Fits in any permitted strip.
- Housing width: 6.1 mm
- Connection levels on each side: 4
- Connectable conductors: 48
- Connection technology reflow-compatible yes
- Circuit board capacity: 2
- Variable circuit board positions: yes
- Compatible with terminal rails
- Connection system CH20M
- Accessories CH20M

CH20M45
Extra large size for electronics applications that require more space, such as compact controllers and power supplies.
- Housing width: 45 mm
- Connection levels on each side: 3
- Connectable conductors: 48
- Connection technology reflow-compatible yes
- Circuit board capacity: 3
- Variable circuit board positions: yes
- Compatibility with terminal rails
- Connection system CH20M
- Accessories CH20M

CH20M6
Standard format with optional width for most compact electronic applications.
- Housing width: 6.1 mm
- Connection levels on each side: 3
- Connectable conductors: 18
- Connection technology reflow-compatible yes
- Circuit board capacity: 1
- Variable circuit board positions: yes
- Compatibility with terminal rails
- Connection system CH20M
- Accessories CH20M
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.

Our design-in application specialists know your working environment intimately and will support you from the specifications stage right through to series production of your individual solution. Not only will you benefit from our OMNIMATE® services such as the product configurator with 3D models available for download, or the unparalleled 72-hour sample service for your free design-in samples; you’ll also have access to a wide range of additional services designed to make your day-to-day work quicker, easier and more professional.

They develop connection systems for PCBs and devices based on the final 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.

72-hour sample service

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.

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 corresponding webcode.

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.

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 connectors for a wide range of different EDA systems. Simply download and import the data set and you’re ready to go.

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.

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.

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.

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.

Ready-to-connect cables for every requirement

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.
Weidmüller – Your partner in Industrial Connectivity

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

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

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