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

OMNIMATE® device connectivity

Weidmüller

The new Weidmüller online services

The intelligent service concept for the design-in process

Design-in at the pace of time

Your entire development process is computer-assisted; you can obtain internal data over the Intranet, or simply go online for your research and communication or to place orders. So why not make the most of new search paths and services independently of the catalogues? It's web-based, making it really simple and saving valuable time.

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. Let's connect.

What you'll get from the new web-based service

Increased range of selection options

Make the most of the full breadth and depth of our product and services range for PCBs and PCB device connectivity without missing a thing.

Intuitive handling

All of our tools are self-explanatory and are also suitable for beginners.

Excellent functionality

Discover the range of possibilities offered by practice-oriented tools and special functions, such as the counterpart selector that helps you find the right counterpart straight away.

Simple navigation

With a clear overview and easy navigation through the different product categories, lists and tables.

Vast array of options

Whether carrying out a restrictive or an expanded search, simply use the specification method nearest to you.

Added value

Find exactly the right expertise, the most helpful support and the most reliable service to help you execute your project. 72-hour sample service included!

Meet the newest member of our team: the webcode

The hashtag for easy product searching

What are webcodes?

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.

Three paths to the right product

Our online services as process-optimisation tools

As a leading provider and pioneer in the field of device connectivity, Weidmüller supports the entire design-in process with deep-rooted application expertise and tried-and-tested problem-solving skills. Our intelligent service concept is designed to assist you on the way to a successful PCB and/or device design.

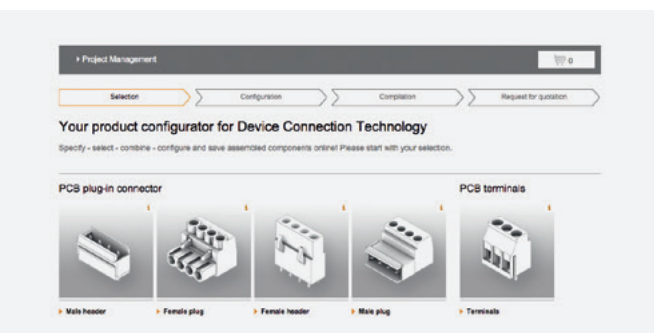
Our global design-in support provides the perfect connection between products and services, and your task is always the key focus. Take advantage of the benefits that strengthen your processes with one of our three paths to the right product.

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

Webcode #01171

The AppGuide

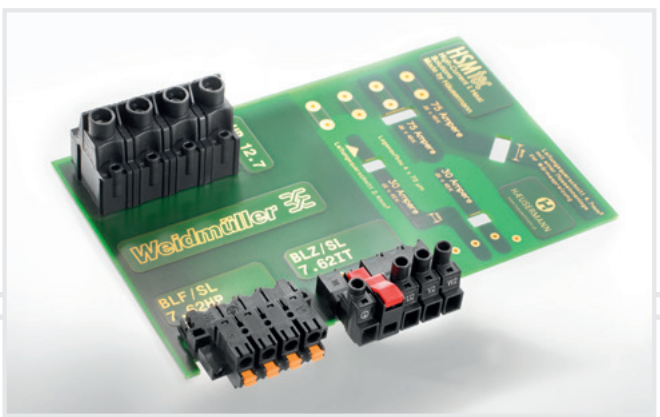
When working with applications, you'll need to find ways of successfully implementing your ideas. Simply select your device application in our AppGuide, and we will recommend a range of products for all the different functions of your device.



Webcode #01169

The product assistant

Your layout is ready and you know what components you want to use. Use the product configurator to quickly select PCB terminal blocks and connectors and to adapt them according to your application's component specifications and requirements.



#01234

www.weidmueller.com

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.

Your device application

Our AppGuide for device developers

Webcode #01171

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.

AppGuide

for device developers

Wanted. Found. **Let's connect.**

1. Open the AppGuide

Go to:
www.weidmueller.com/AppGuide

2. Select the application

Hotspots will show you the way to our recommended products

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

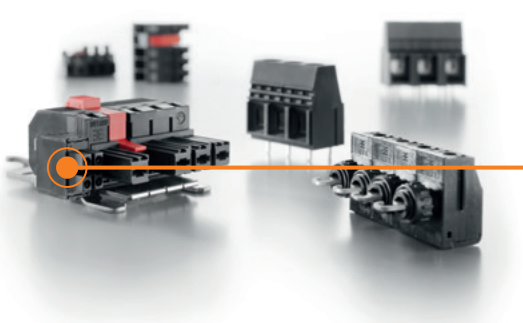
Building security equipment
Webcode #01191

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.



3. Select product group

Use the hotspots to find the perfect products for your applications

4. Receive the product

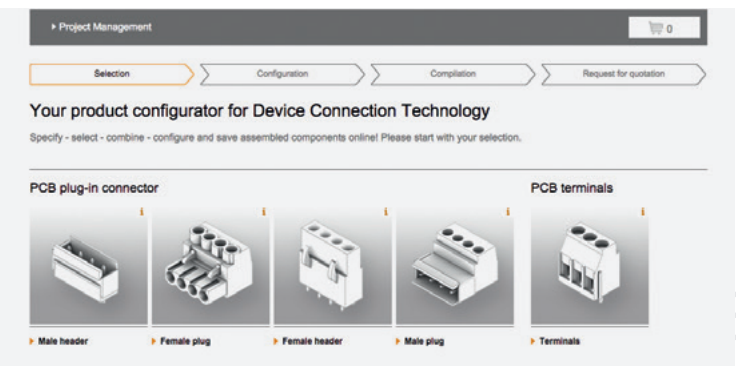
Configure your selection and use the available functions of our online catalogue.

Your requirements for individual components

Our product assistant for more design freedom

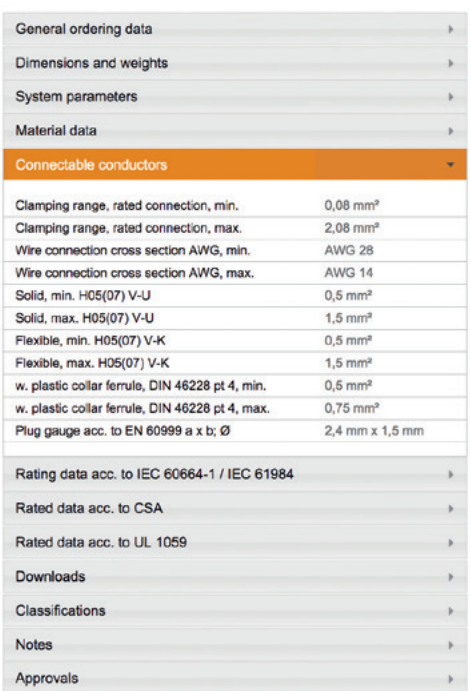
When getting to grips with the different products on our web portal, the product assistant is always the main selection aid, making it easy for you to find your way around our wide-ranging and application-oriented product portfolio.

Webcode #01169



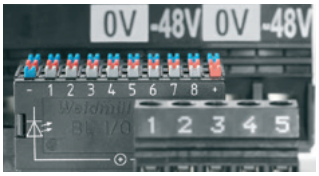
Stored data packages

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



Configuration options

Customised colours



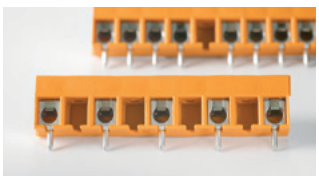
Clear labelling

Distinctive coding

Process-compatible packaging

Optimised pin lengths

Application-oriented surfacing systems



Custom assembly

Useful functions at product level

- 72-hour sample service
- Product enquiry
- PDF data sheet
- CAD models
- Display of related products
- Counterpart selector

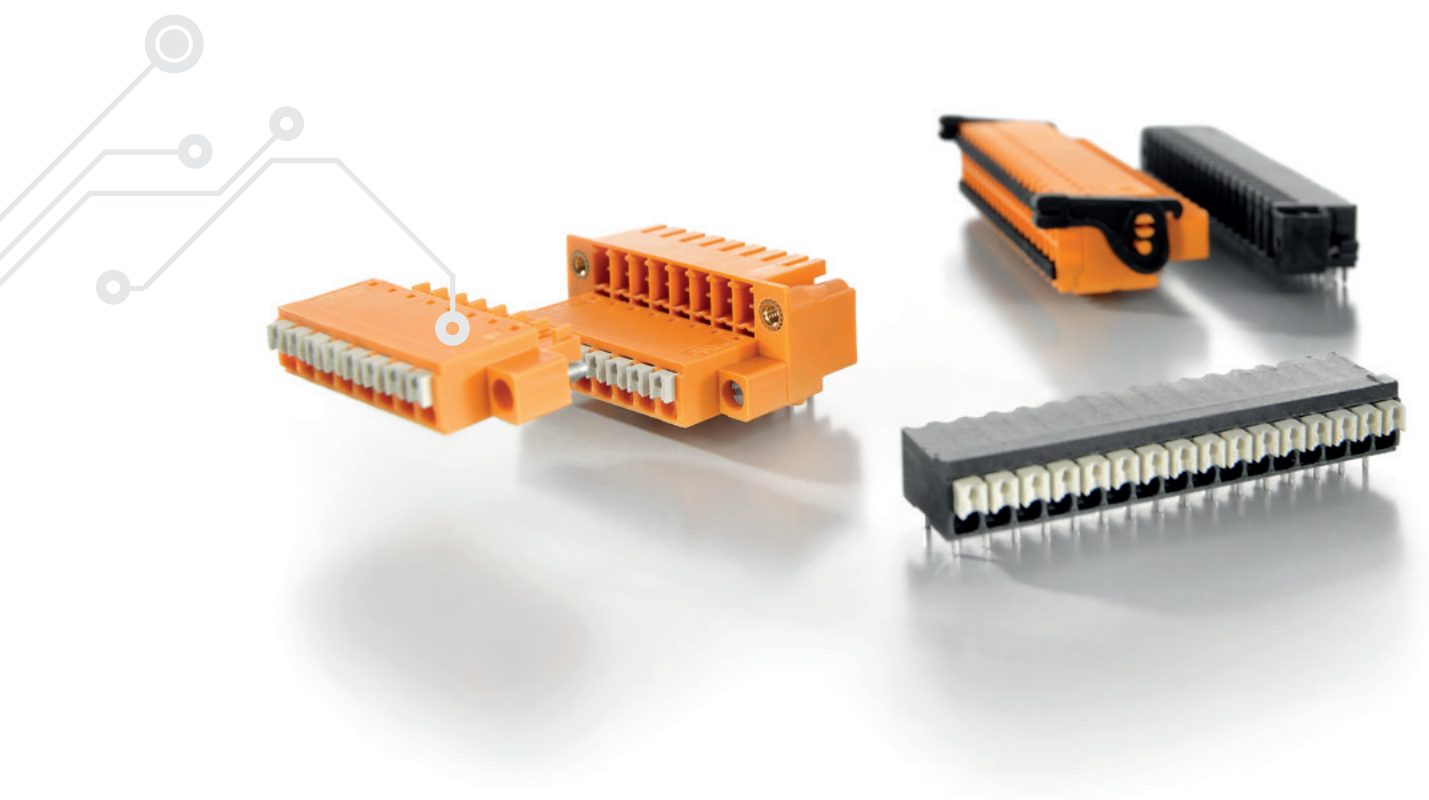
OMNIMATE® Signal

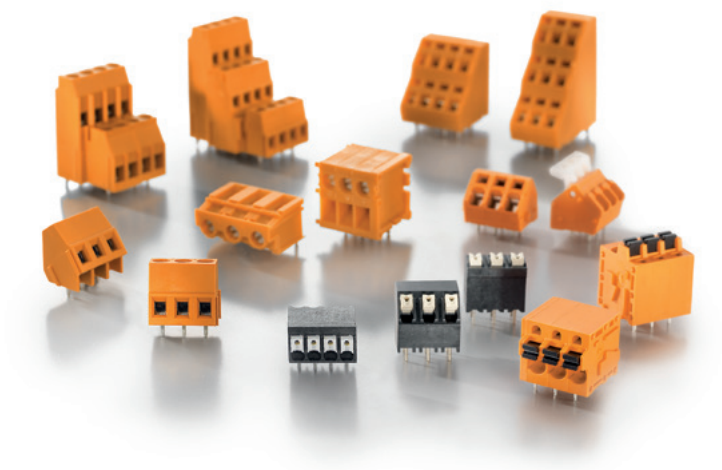
Transmit numerous signals in the smallest possible space

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.

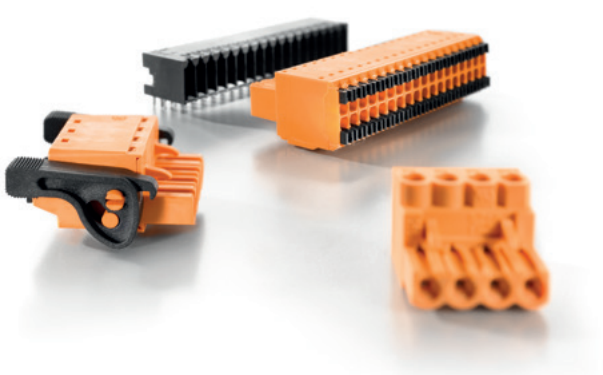
We have also not forgotten about your production processes when formulating our product range, as our THR and SMD components ensure the highest productivity levels during the reflow soldering process.





OMNIMATE® Signal
PCB terminals

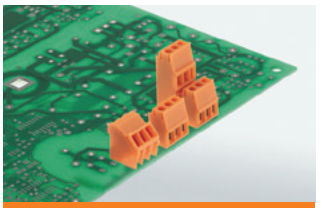
- Application-oriented connection systems ranging from clamping yoke screw connections to "PUSH IN" spring connections in all relevant cross-section ranges up to 6 mm²
- Can be used universally in all standard pitches from 3.50 mm to 7.62 mm
- A wide range of reflow-compatible products for automated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



OMNIMATE® Signal
PCB plug-in connector

- 36 connections at 3.50 mm pitch, highest level of power reserves at 3.81 mm pitch and largest application area at 5.00 and 5.08 mm pitches
- 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

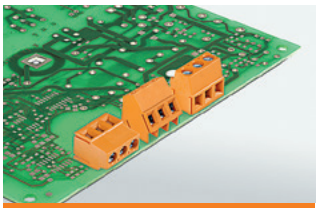
OMNIMATE® Signal – PCB terminals



Webcode #01011

LM 3.5
Small, compact PCB terminal with conductor outlet direction of 90° or 135°.

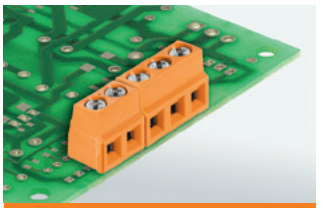
- Clamping yoke screw connection
- Pitch: 3.50 mm
- Number of poles: 2–12
- IEC: 320 V / 16 A / 0.2–1.5 mm²
- UL: 300 V / 10 A / AWG 28–14



Webcode #01013

LM 5.00/5.08
Single-row PCB terminal with conductor outlet direction of 90°, 135° and 180°.

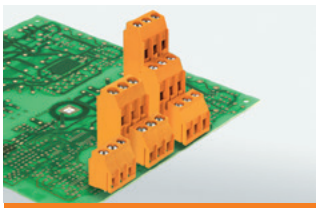
- Clamping yoke screw connection
- Pitch: 5.00 mm / 5.08 mm
- Number of poles: 2–24
- IEC: 630 V / 17.5 A / 0.2–2.5 mm²
- UL: 300 V / 15 A / AWG 24–14



Webcode #01015

LS 5.08
Small, compact PCB terminal with conductor outlet direction of 90°.

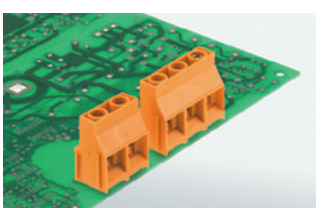
- Clamping yoke screw connection
- Pitch: 5.08 mm
- Number of poles: 2–12
- IEC: 630 V / 17.5 A / 0.08–1.5 mm²
- UL: 300 V / 15 A / AWG 28–1



Webcode #01017

LL 5.00/5.08
Single-row PCB terminal with conductor outlet direction of 90°.

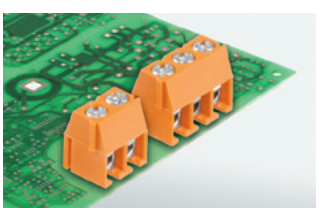
- Clamping yoke screw connection
- Pitch: 5.00 mm / 5.08 mm
- Number of poles: 2–24
- IEC: 500 V / 32.5 A / 0.5–6 mm²
- UL: 300 V / 20 A / AWG 28–12



Webcode #01019

LL 9.52
Single-row PCB terminal with conductor outlet direction of 90°.

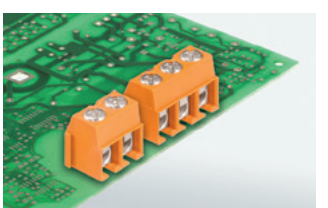
- Clamping yoke screw connection
- Pitch: 9.52 mm
- Number of poles: 2–3
- IEC: 1000 V / 32 A / 0.18–6 mm²
- UL: 300 V / 30 A / AWG 26–1



Webcode #01021

PS 3.5
Very small and compact PCB terminal with conductor outlet direction of 90°.

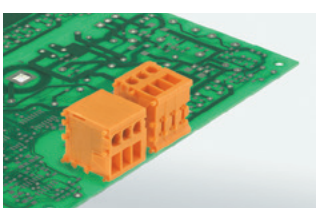
- Leaf-spring screw connection.
- Pitch: 3.50 mm
- Number of poles: 2–12
- IEC: 320 V / 17.5 A / 0.2–1.5 mm²
- UL: 300 V / 10 A / AWG 28 – AWG 16



Webcode #01023

PM 5.00/5.08
PCB terminal with conductor inlet direction of 90°.

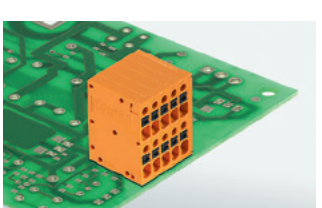
- Leaf-spring screw connection.
- Pitch: 5.00 mm / 5.08 mm
- Number of poles: 2–12
- IEC: 600 V / 24 A / 0.13–2.5 mm²
- UL: 300 V / 15 A / AWG 26–14



Webcode #01025

TOP
PCB terminal with conductor insertion and contact point actuation from the same direction.

- TOP screw connection
- Pitch: 5.08 mm
- Number of poles: 2–24
- IEC: 630 V / 24 A / 0.2–2.5 mm²
- UL: 300 V / 10 A / AWG 26–14



Webcode #01027

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: pending

Webcode #01029

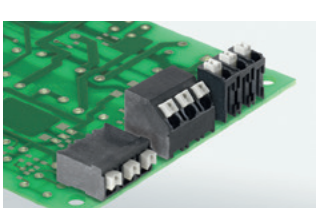
LSF-SMT 3.5 / 3.81
PCB terminal for fully automatic assembly for THR reflow soldering (SMT) and wave soldering.

- "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 #01031

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

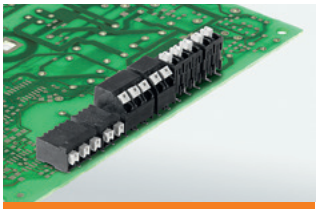


Webcode #01033

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

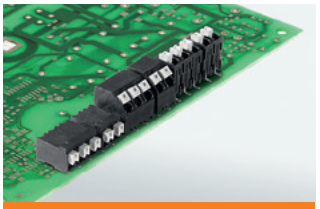
OMNIMATE® Signal – PCB terminals



Webcode #01035

LSF-SMD 3.5
PCB terminal for fully automatic assembly for reflow soldering (SMT).

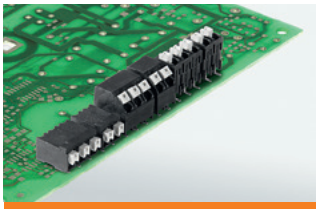
- "PUSH IN" spring connection
- Pitch: 3.50 mm
- Number of poles: 2–12
- IEC: 320 V / 17.5 A / 0.2–1.5 mm²
- UL: 300 V / 12 A / AWG 24–16



Webcode #01037

LSF-SMD 5.00
PCB terminal for fully automatic assembly for reflow soldering (SMT).

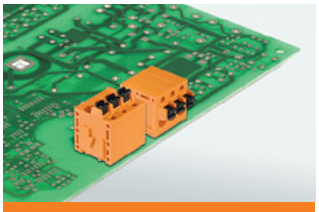
- "PUSH IN" spring connection
- Pitch: 5.00 mm
- Number of poles: 2–8
- IEC: 500 V / 17.5 A / 0.2–1.5 mm²
- UL: 300 V / 12 A / AWG 24–16



Webcode #01039

LSF-SMD 7.50
PCB terminal for fully automatic assembly for reflow soldering (SMT).

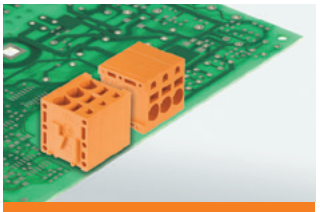
- "PUSH IN" spring connection
- Pitch: 7.50 mm
- Number of poles: 2–6
- IEC: 800 V / 17.5 A / 0.2–1.5 mm²
- UL: 300 V / 12 A / AWG 24–16



Webcode #01041

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 #01043

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

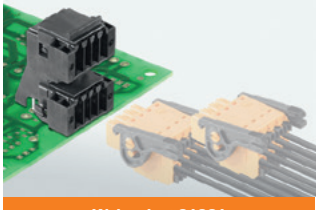
OMNIMATE® Signal – PCB connectors

3.50 double-row design

Webcode #01059

B2CF 3.50
Compact double-row female plug with maximum connection density within an extremely small space.

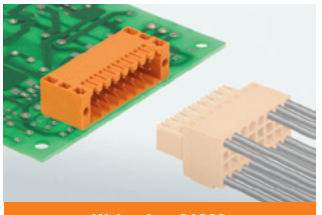
- "PUSH IN" spring connection
- Pitch: 3.50 mm
- Number of poles: 4–36
- IEC: 320 V / 13.4 A / 0.14–1.5 mm²
- UL: 300 V / 9.5 A / AWG 26–16



Webcode #01061

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 #01063

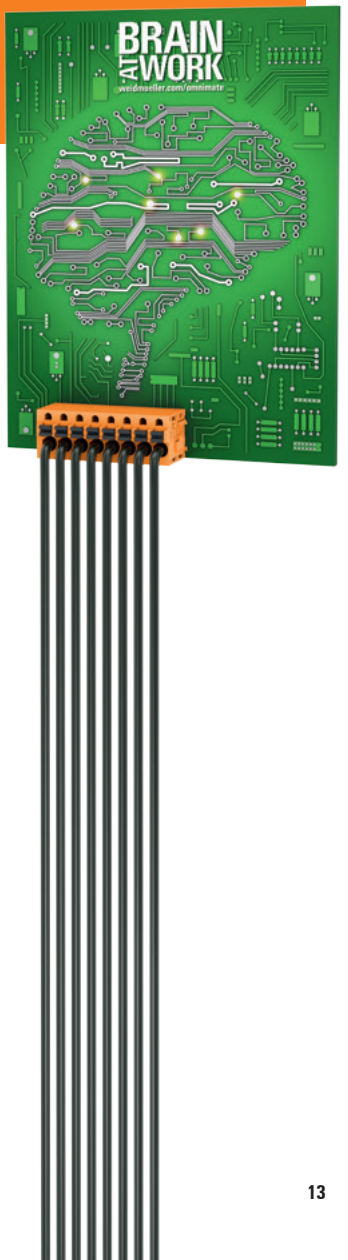
S2L 3.50
Double-row male header for wave soldering methods.

- Male header
- Pitch: 3.50 mm
- Number of poles: 6–36
- IEC: 250 V / 10 A
- UL: 150 V / 10 A

Support for each step of your design-in process

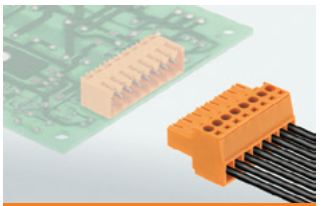
Your design process is ambitious and really complex. You need to be able to insert as much reliable information as possible directly into your planning tool. Use our support service for every aspect of your design-in management. Choose from the following services:

- Data sheets
- CAD models
- EDA library
- Handling videos
- Counterpart selector



OMNIMATE® Signal – PCB connectors

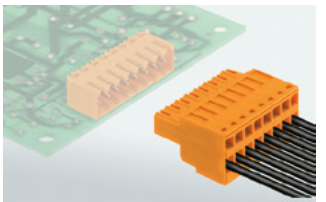
3.50



Webcode #01067

BL 3.50
Female plug for conductor connection with clamping yoke screw connection.

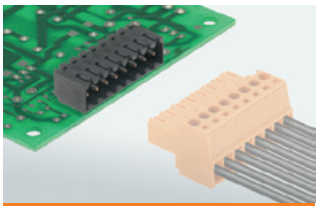
- Clamping yoke screw connection
- Pitch: 3.50 mm
- Number of poles: 2–24
- IEC: 320 V / 17 A / 0.2–1.5 mm²
- UL: 300 V / 10 A / AWG 28–14



Webcode #01071

BLZF 3.5
Female plug for conductor connection with tension-clamp connection system.

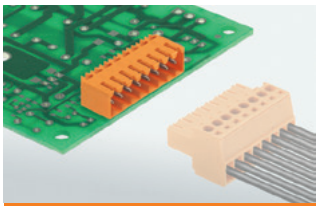
- Tension-clamp system
- Pitch: 3.50 mm
- Number of poles: 2–24
- IEC: 320 V / 14.5 A / 0.2–1.5 mm²
- UL: 300 V / 10 A / AWG 26–14



Webcode #01069

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

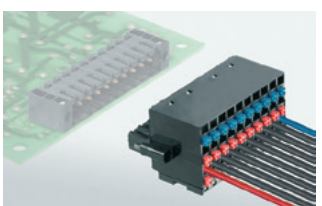


Webcode #01073

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

3.50

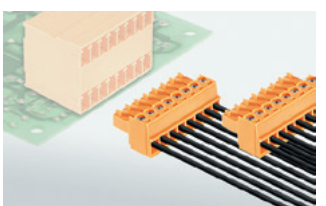


Webcode #01065

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

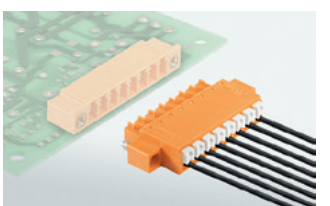
3.81



Webcode #01075

BCZ 3.81
Compact female plug for conductor connection with clamping yoke screw connection.

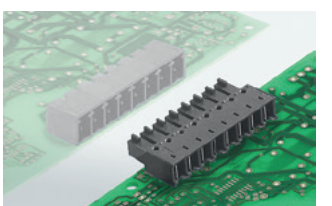
- Clamping yoke screw connection
- Pitch: 3.81 mm
- Number of poles: 2–20
- IEC: 320 V / 17.5 A / 0.14–1.5 mm²
- UL: 300 V / 10 A / AWG 28–16



Webcode #01079

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

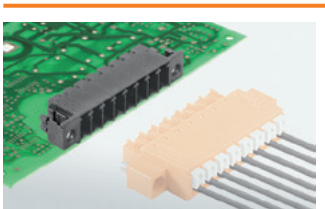


Webcode #01083

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

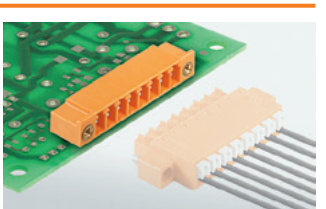
3.81



Webcode #01077

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

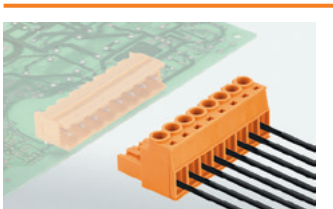


Webcode #01081

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

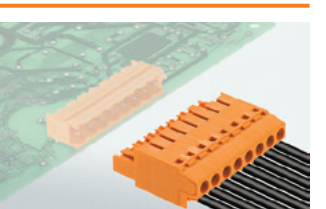
5.08



Webcode #01085

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 #01093

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

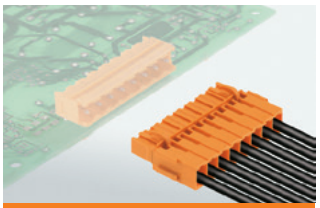
OMNIMATE® Signal – PCB connectors

5.08

Webcode #01089

BLF 5.08HC
Compact high-current female plug for conductor outlet directions of 90° to 180° and 270°.

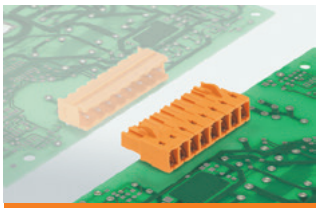
- "PUSH IN" spring connection
- Pitch: 5.08 mm
- Number of poles: 2–24
- IEC: 400 V / 24 A / 0.2–2.5 mm²
- UL: 300 V / 18.5 A / AWG 26–12



Webcode #01097

BLC 5.08
Female plug to allow for the pre-assembly of wiring harnesses in large quantities.

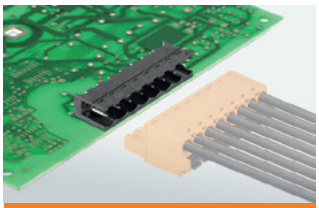
- Crimp connection system
- Pitch: 5.08 mm
- Number of poles: 2–16
- IEC: 400 V / 21 A
- UL: 300 V / 10 A / AWG 26–14



Webcode #01101

BLL 5.08
Female header for PCB assembly with 90° and 180° outlet direction and optimised solder pin length for wave soldering methods.

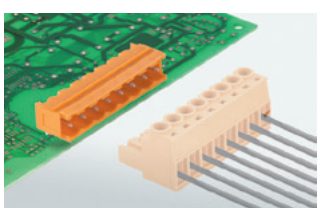
- Female header
- Pitch: 5.08 mm
- Number of poles: 2–24
- IEC: 400 V / 23 A
- UL: 300 V / 15 A



Webcode #01091

SL-SMT 5.08HC
Highly temperature-resistant angled male header optimised for automatic assembly and for reflow and wave soldering methods.

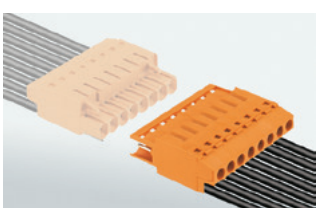
- Male header
- Pitch: 5.08 mm
- Number of poles: 2–24
- IEC: 400 V / 27.5 A
- UL: 300 V / 18.5 A



Webcode #01095

SL 5.08HC
Male headers in glass-fibre-reinforced plastic, optimised for wave soldering methods.

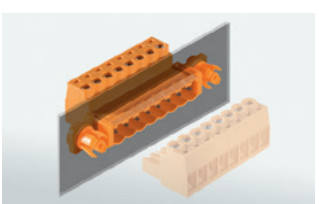
- Male header
- Pitch: 5.08 mm
- Number of poles: 2–24
- IEC: 400 V / 24 A
- UL: 300 V / 18.5 A



Webcode #01103

SLT 5.08
Male plugs with straight outlet direction provide space for labelling and can be coded.

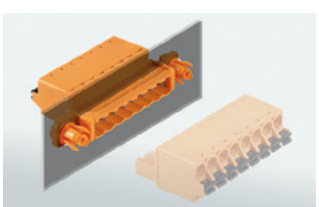
- TOP screw connection system
- Pitch: 5.08 mm
- Number of poles: 2–16
- IEC: 400 V / 16 A / 0.2–2.5 mm²
- UL: 300 V / 15 A / AWG 26–14



Webcode #01087

SLS 5.08
Male plugs with straight outlet direction provide space for labelling and can be coded.

- Clamping yoke connection system
- Pitch: 5.08 mm
- Number of poles: 2–21
- IEC: 400 V / 21.5 A / 0.2–2.5 mm²
- UL: 300 V / 14 A / AWG 26–12



Webcode #01099

SLF 5.08
Male plugs with straight outlet direction provide space for labelling and can be coded.

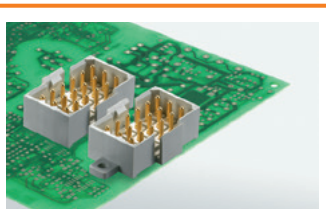
- "PUSH IN" spring connection
- Pitch: 5.08 mm
- Number of poles: 2–12
- IEC: 400 V / 25.9 A / 0.2–2.5 mm²
- UL: 300 V / 14 A / AWG 26–12

Rectangular connector

Webcode #01105

RSV1.6 CB
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 #01107

RSV 1.6 L
Rectangular connector with solder pin and solder socket 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

Webcode #01109

RSV1.6 CS
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

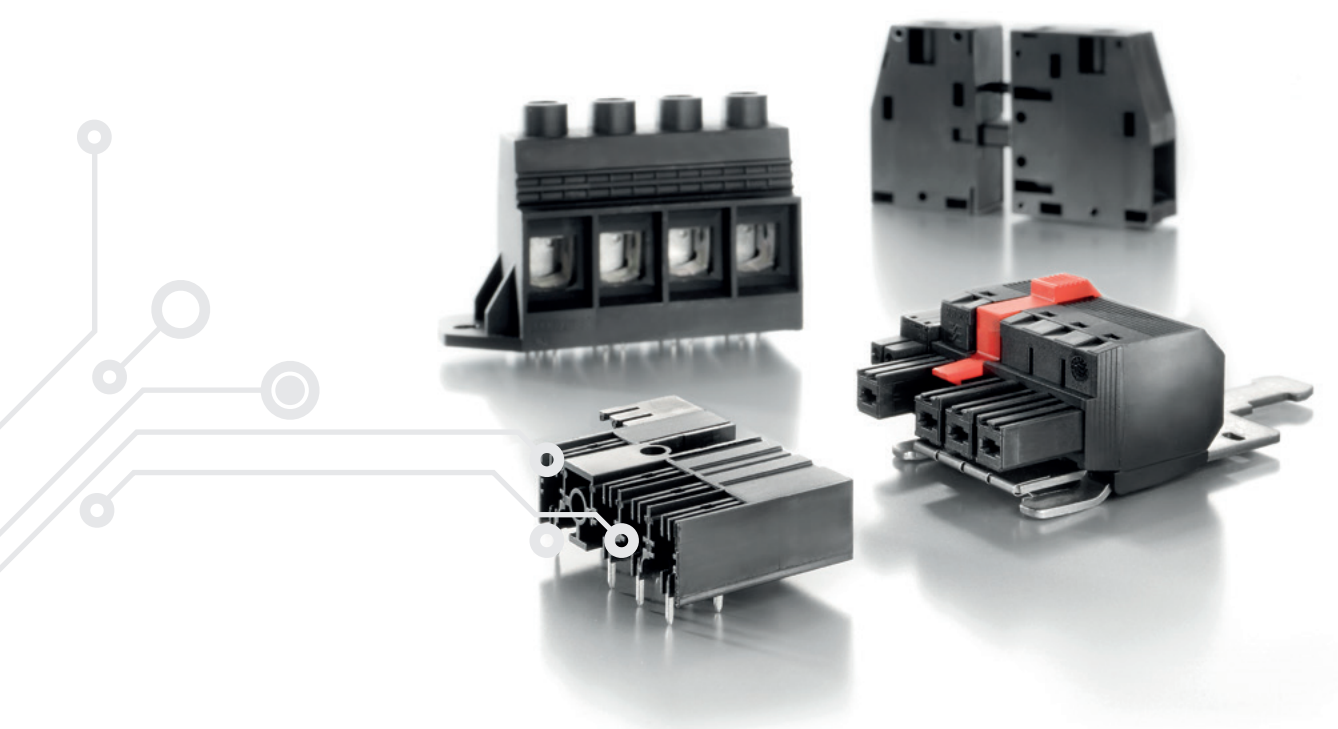
OMNIMATE® Power

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.

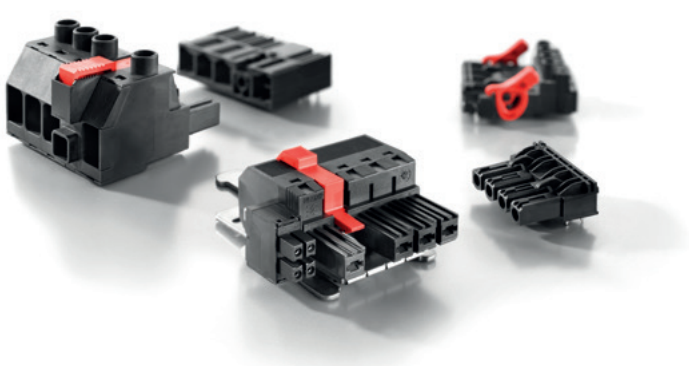
Our Power products also fully achieve 600 volts in accordance with UL standards. The range is rounded off by application-specific connectors for motor connections with shield support.



OMNIMATE® Power
PCB terminals

600 V

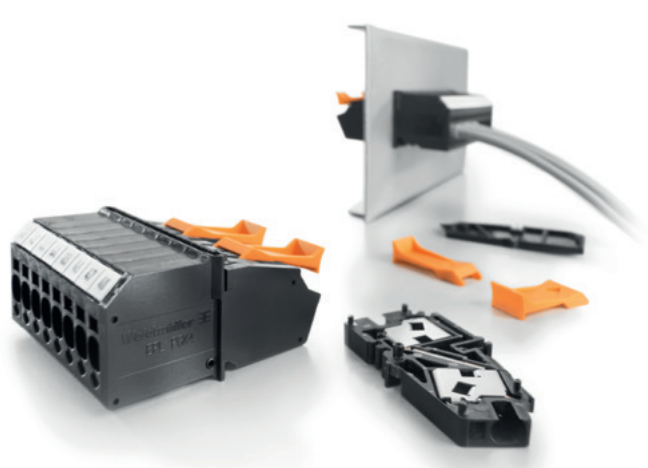
- High-power to 150 A / 1000 V (IEC) or 127 A / 600 V (UL)
- Application-oriented scalability with connection cross-sections from 16 mm² to 50 mm²
- Simple UL device approval up to 600 V
- Maintenance-free steel clamping yoke for vibration-resistant screw connections



OMNIMATE® Power
PCB plug-in connectors

600 V

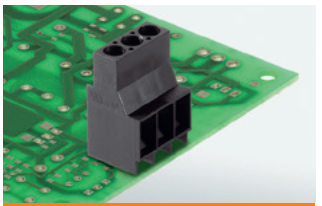
- Application-oriented scalability: from the compact 4 mm² connector for 29 A (IEC) or 20 A (UL) up to the sturdy 16 mm² connector for 76 A (IEC) or 54 A (UL)
- Unlimited usage up to 1000 V (IEC) or 600 V (UL)
- A variety of application-optimised mounting options



OMNIMATE® Power
panel feedthrough terminal blocks

- Clamping yoke screw connection
- "PUSH IN" connection
- Wall and housing feedthrough
- Simple, flexible and cost-saving assembly and connection of conductors

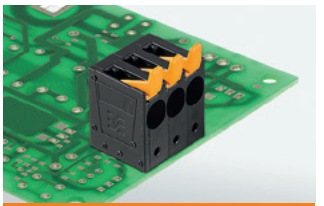
OMNIMATE® Power PCB terminals



Webcode #01045

LL 6.35
High-performance PCB terminal with offset solder pins and conductor outlet direction of 90°.

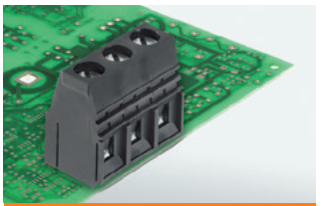
- Clamping yoke screw connection
- Pitch: 6.35 mm
- Number of poles: 2–12
- IEC: 1000 V / 32 A / 0.18–6 mm²
- UL: 600 V / 30 A / AWG 26–10



Webcode #01047

LUF 10.00
Sturdy direct connection to meet the most stringent current and voltage requirements in all power electronics applications.

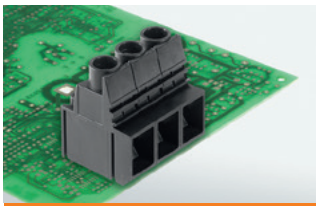
- "PUSH IN" spring connection
- Pitch: 10.00 mm
- Number of poles: 2–8
- IEC: 800 V / 76 A / 0.5–16 mm²
- UL: pending



Webcode #01049

LU 10.16
High-performance PCB terminal with offset solder pins and conductor outlet direction of 90°.

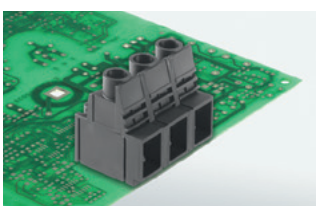
- Clamping yoke screw connection
- Pitch: 10.16 mm
- Number of poles: 2–10
- IEC: 1000 V / 76 A / 0.5–16 mm²
- UL: 300 V / 65 A / AWG 26–6



Webcode #01051

LUP 10.16 V with test point
High-performance PCB terminal with integrated test point and conductor outlet direction of 90°.

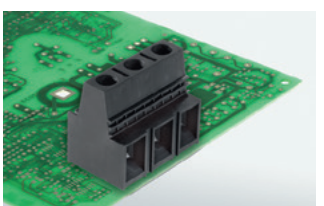
- Clamping yoke screw connection
- Pitch: 10.16 mm
- Number of poles: 2–9
- IEC: 1000 V / 76 A / 0.5–16 mm²
- UL: 600 V / 51 A / AWG 26–6



Webcode #01053

LUP 12.70 with test point
High-performance PCB terminal with integrated test point and conductor outlet direction of 90°.

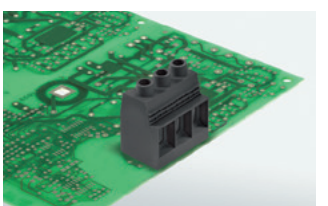
- Clamping yoke screw connection
- Pitch: 12.70 mm
- Number of poles: 2–9
- IEC: 1000 V / 76 A / 0.5–16 mm²
- UL: 600 V / 58 A / AWG 26–6



Webcode #01055

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: 1000 V / 101 A / 1.5–25 mm²
- UL: 600 V / 85 A / AWG 16–4



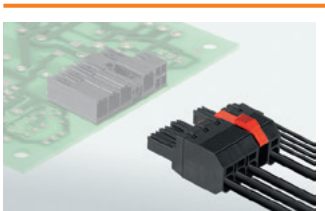
Webcode #01057

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: 1000 V / 150 A / 0.5–50 mm²
- UL: 600 V / 127 A / AWG 20–1

OMNIMATE® Power – PCB connectors

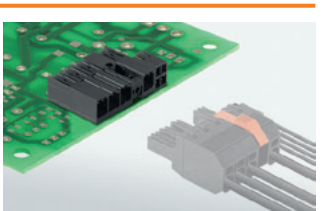
Hybrid



Webcode #01111

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: 1000 V / 38 A / 0.5–10 mm²
- UL: 600 V / 35 A / AWG 24–8

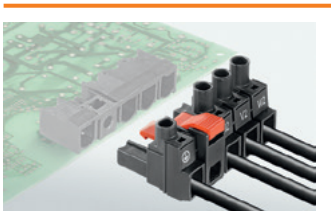


Webcode #01113

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: 1000 V / 41 A
- UL: 300 V / 35 A

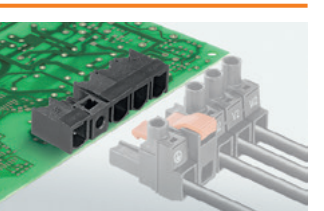
IT



Webcode #01115

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: 1000 V / 41 A / 0.2–6 mm²
- UL: 600 V / 40.5 A / AWG 24–8

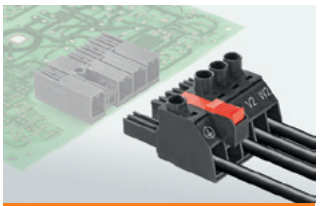


Webcode #01117

SL 7.62IT
Male header with optional solder flange attachment and with leading contact for computer networks.

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

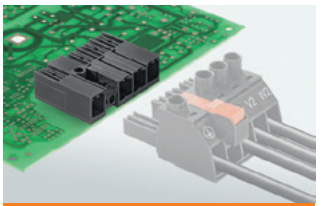
IT



Webcode #01119

BVZ 7.62IT
Female plug with 180° outlet direction and touch safety for IT networks with self-locking centre flange.

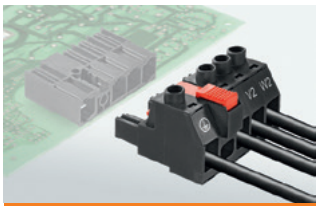
- Clamping yoke screw connection
- Pitch: 7.62 mm
- Number of poles: 2–4
- IEC: 1000 V / 41 A / 0.2–6 mm²
- UL: 600 V / 40.5 A / AWG 24–8



Webcode #01121

SV 7.62IT
Male header with optional solder flange attachment and with leading contact for computer networks.

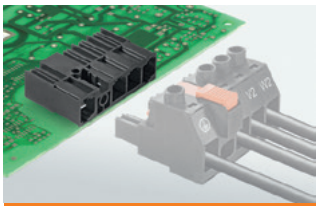
- Male header
- Pitch: 7.62 mm
- Number of poles: 2–4
- IEC: 1000 V / 41 A
- UL: 300 V / 40.5 A



Webcode #01123

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: 1000 V / 78 A / 0.2–16 mm²
- UL: 300 V / 54 A / AWG 22–6

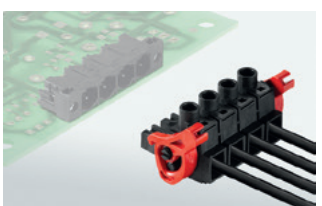


Webcode #01125

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: 1000 V / 76 A
- UL: 300 V / 54 A

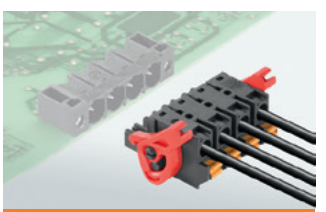
7.62



Webcode #01127

BLZ 7.62HP
Female plug with single compartment mating profile with 180° outlet direction and touch protection for HP networks.

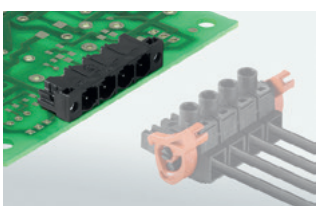
- Clamping yoke screw connection
- Pitch: 7.62 mm
- Number of poles: 2–12
- IEC: 630 V / 29 A / 0.2–4 mm²
- UL: 600 V / 20 A / AWG 20–12



Webcode #01129

BLF 7.62HP
Female plug with single compartment mating profile with 180° outlet direction and touch protection for HP networks.

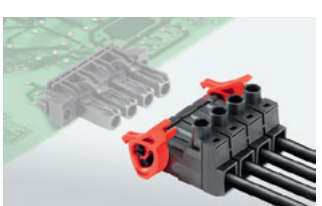
- "PUSH IN" spring connection
- Pitch: 7.62 mm
- Number of poles: 2–12
- IEC: 1000 V / 24 A / 0.5–1.5 mm²
- UL: 600 V / 20 A / AWG 20–12



Webcode #01131

SL 7.62HP
Male header with single compartment mating profile and touch protection.

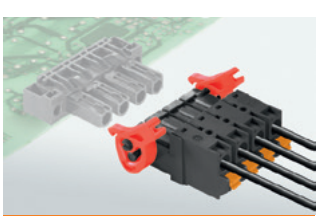
- Male header
- Pitch: 7.62 mm
- Number of poles: 2–12
- IEC: 630 V / 29 A
- UL: 300 V / 20 A



Webcode #01133

SLZ 7.62HP
Male plug with single compartment mating profile with 180° outlet direction as touch-safe solution for the reverse voltage in HP networks.

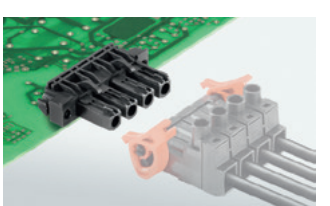
- Clamping yoke screw connection
- Pitch: 7.62 mm
- Number of poles: 2–5
- IEC: 1000 V / 20 A / 0.5–2.5 mm²
- UL: 600 V / 17 A / AWG 20–12



Webcode #01135

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: 1000 V / 24 A / 0.5–2.5 mm²
- UL: 600 V / 20 A / AWG 20–12



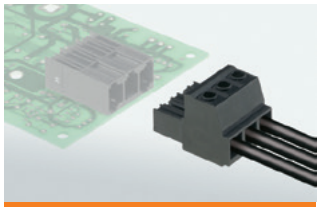
Webcode #01137

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 – PCB connectors

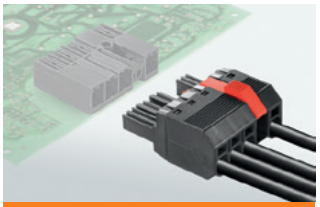
7.62



Webcode #01139

BVZ 7.62HP
High-performance female plug for pole-loss-safe attachment or for use with patented multi-function flanges for TNC(S) networks.

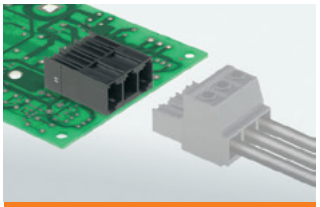
- Clamping yoke screw connection
- Pitch: 7.62 mm
- Number of poles: 2–12
- IEC: 1000 V / 41 A / 0.2–6 mm²
- UL: 600 V / 40.5 A / AWG 24–8



Webcode #01141

BVF 7.62HP
High-performance female plug with 180° outlet direction as a touch-safe solution for the power output for TNC(S) networks.

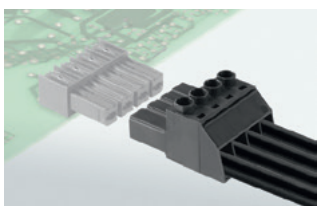
- "PUSH IN" spring connection
- Pitch: 7.62 mm
- Number of poles: 2–5
- IEC: 1000 V / 41 A / 0.5–10 mm²
- UL: 600 V / 35 A / AWG 24–8



Webcode #01143

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.

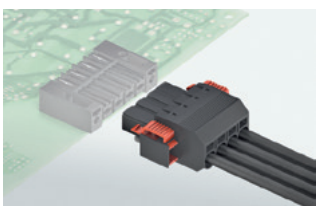
- Male header
- Pitch: 7.62 mm
- Number of poles: 2–12
- IEC: 1000 V / 41 A
- UL: 300 V / 40.5 A



Webcode #01145

SVZ 7.62HP
High-performance male plug for pole-loss-safe attachment or for use with patented multi-function flanges for TNC(S) networks.

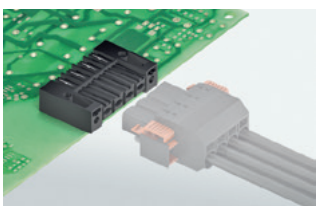
- Clamping yoke screw connection
- Pitch: 7.62 mm
- Number of poles: 2–7
- IEC: 1000 V / 41 A / 0.2–6 mm²
- UL: 600 V / 35 A / AWG 24–10



Webcode #01147

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: 1000 V / 41 A / 0.5–10 mm²
- UL: 600 V / 35 A / AWG 24–10

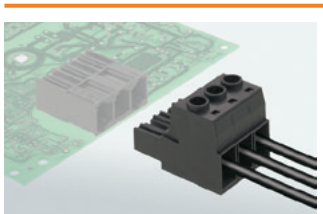


Webcode #01149

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: 1000 V / 41 A
- UL: 300 V / 35 A

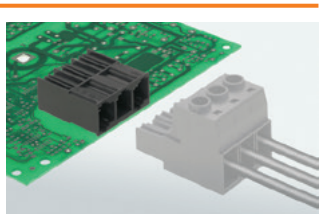
10.16



Webcode #01151

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: 1000 V / 78 A / 0.2–16 mm²
- UL: 600 V / 54 A / AWG 22–6



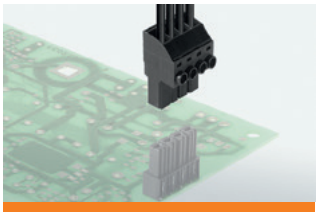
Webcode #01153

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: 1000 V / 76 A
- UL: 300 V / 54 A

OMNIMATE® Power – PCB connectors

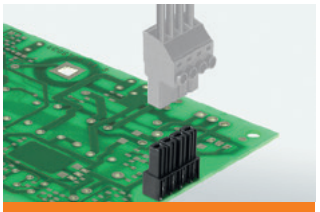
10.16



Webcode #01155

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: 1000 V / 78 A / 0.2–16 mm²
- UL: 600 V / 54 A / AWG 24–6



Webcode #01157

BUL 10.16HP
High-performance female header with 180° outlet direction and high-strength contact system for TNC(S) networks.

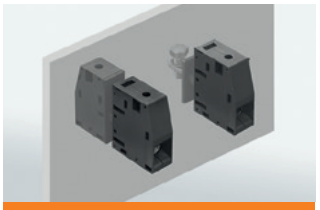
- Female header
- Pitch: 10.16 mm
- Number of poles: 2–4
- IEC: 1000 V / 76 A
- UL: 300 V / 57 A

OMNIMATE® Power – panel feedthrough terminal blocks

Webcode #01159

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



Webcode #01161

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: up to 50 mm²
- IEC: 690 V / 150 A / 16–50 mm²
- UL: 600 V / 145 A / AWG 6–1/0

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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®:

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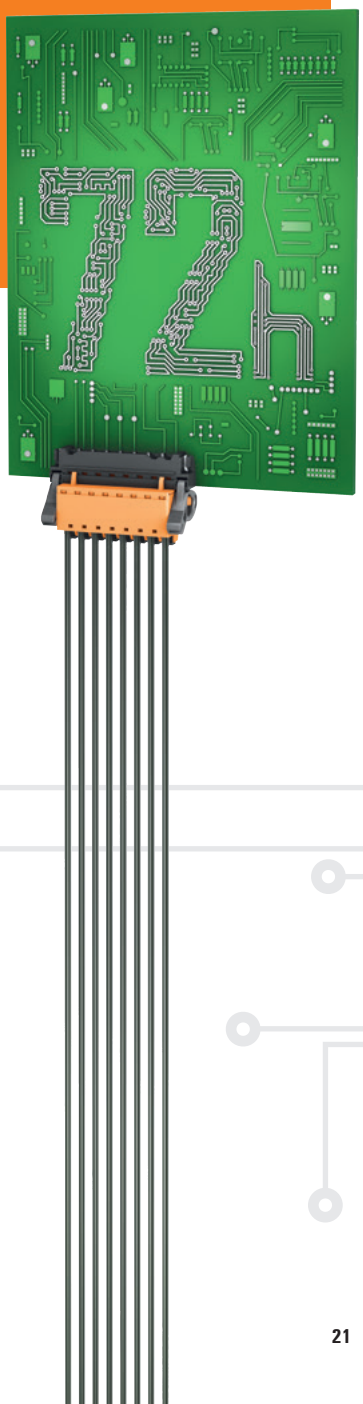


Shape design-in processes in a uniquely efficient way

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.

Webcode #01167

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.

Webcode #01163

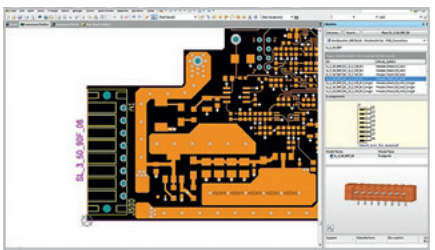
72-hour sample service

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®. Wherever you're situated, we always keep our word and deliver your samples to the desired location within 72 hours.

Webcode #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, from device design to integration into modern drive modules or how to reduced engineering costs. All webinar services are free of charge. You can find out dates, topics and presenters quickly and easily using the corresponing webcode.



Webcode #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.

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, and will assist you with their comprehensive expertise.

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.

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Weidmüller YouTube channel

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