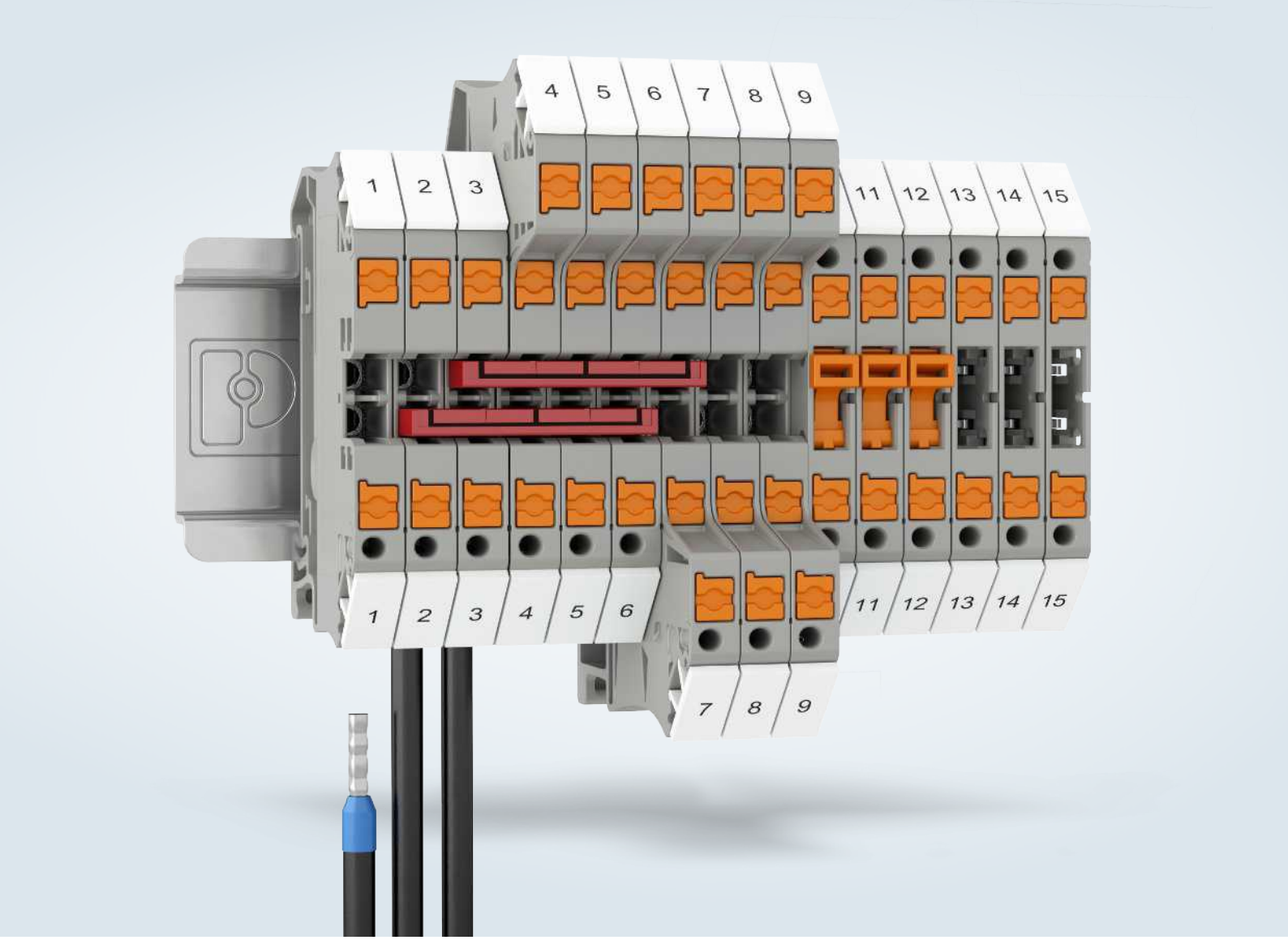
COMPLETE line

2022

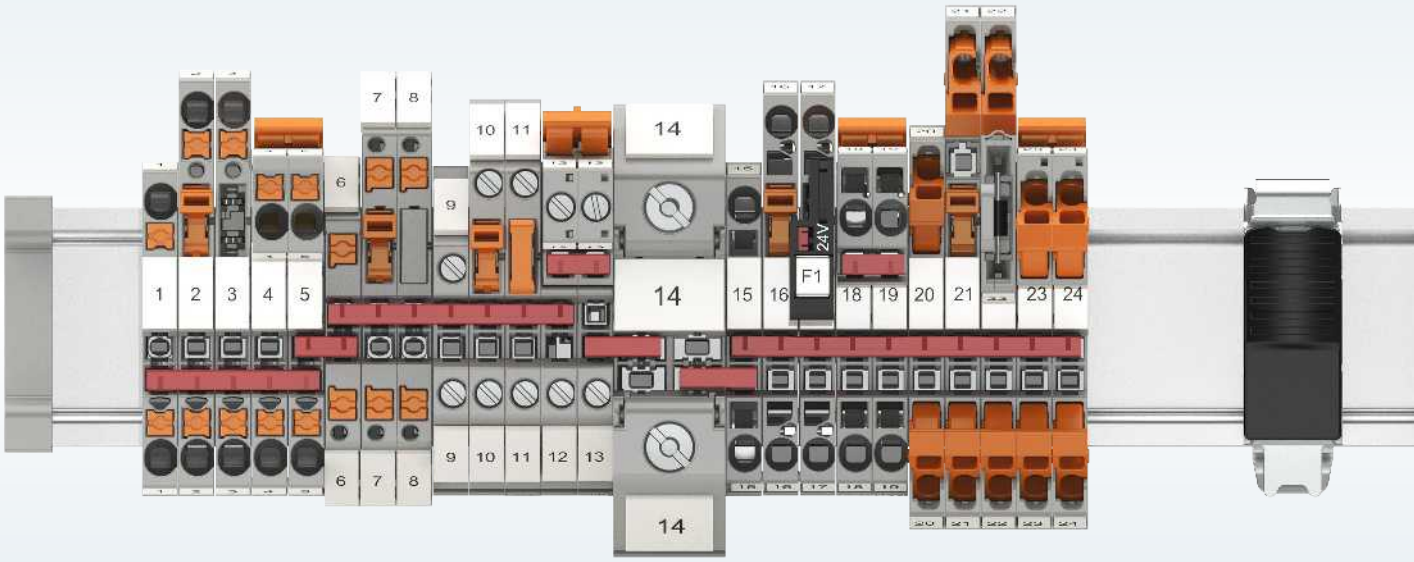



# Terminal blocks

PHOENIX CONTACT
INSPIRING INNOVATIONS

# Phoenix Contact terminal blocks

Whichever terminal block versions you choose, you can rest assured that Phoenix Contact terminal blocks deliver reliable connections and high quality. To ensure that we are always able to fulfill this promise, quality comes first for us. This is why quality is not just tested on the finished product, but is ensured responsibly during every step of the manufacturing process.




## 1 Terminal blocks – CLIPLINE complete

The CLIPLINE complete system provides you with a uniform range of accessories for all connection technologies. The cross-compatibility of this system saves you time and money when creating your terminal strips.

More information starting on page 6

# 2 Terminal blocks for special fields of application

Most of the terminal blocks that fall into the category of terminal blocks for special fields of application are not part of the CLIPLINE complete system. Due to the lack of cross-compatibility with other terminal blocks, these terminal blocks are assigned to the preferred fields of application. Nevertheless, the terminal blocks still feature a comprehensive range of system accessories.

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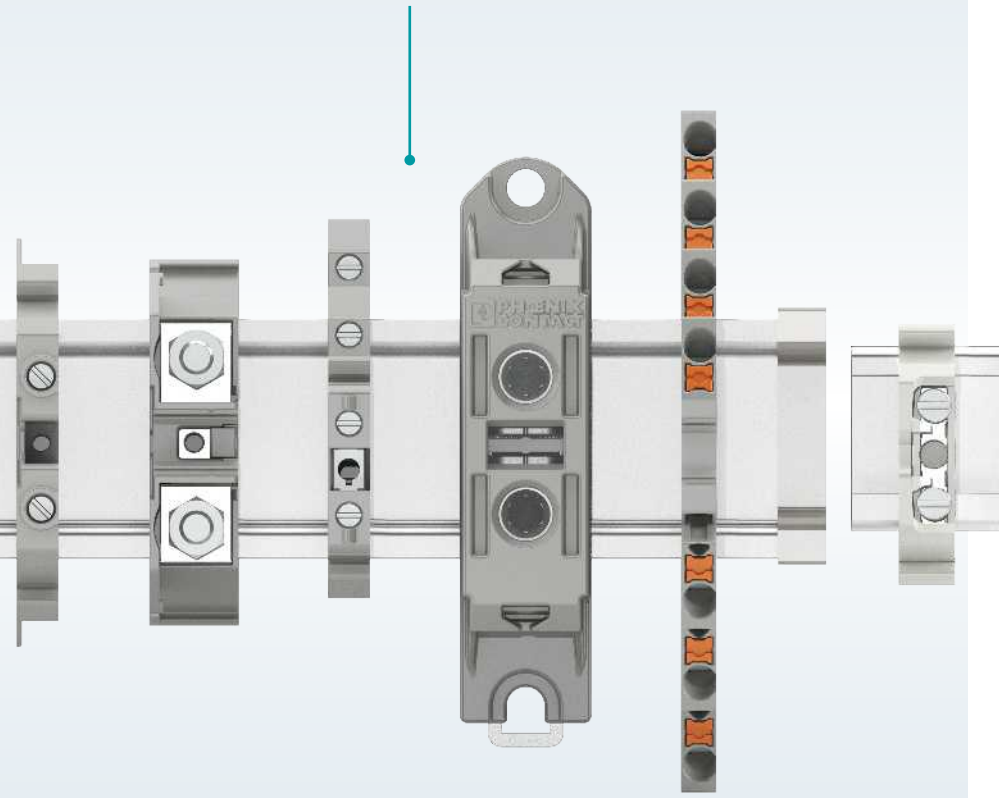

## Contents

# Comparison of terminal block groups

## CLIPLINE complete

With CLIPLINE complete, the unique terminal block system from Phoenix Contact, you can freely select the connection technology.
Irrespective of which connection technology you choose, they can all be freely combined, with the same accessories, thanks to the double function shaft. Various cross-section versions can also be easily combined by using reducing bridges.
In addition to the flexibility of the terminal block system, CLIPLINE complete also provides added value. The bridge, marking, and test accessories are standardized, thus reducing your logistics and storage costs.
The terminal block system has been tested and approved for a wide range of national and international approvals. The highest safety standard is achieved through routine testing of the standard CLIPLINE complete terminal blocks in accordance with the ATEX Directive. These terminal blocks can be used in the Ex e area.

More information starting on page 6


The CLIPLINE complete terminal block system

## Terminal blocks for special fields of application

The family of terminal blocks for special fields of application is predominantly made up of terminal blocks that are not part of the CLIPLINE complete terminal block system. The terminal blocks are assigned to their preferred fields of application as they are not cross-compatible and thus do not form a common system. However, the terminal blocks feature specific and comprehensive accessories within the respective subfamily. The terminal blocks are therefore suitable for the professional construction of your systems.
The product portfolio for terminal blocks is very extensive and includes terminal blocks for use at high temperatures, for power supply, sensor/actuator terminal blocks, shield clamps, plus Al/Cu terminal blocks and motor terminals.
In addition to numerous approvals, many of the terminal blocks here are also ATEX-certified and can be used in Ex e potentially explosive areas.

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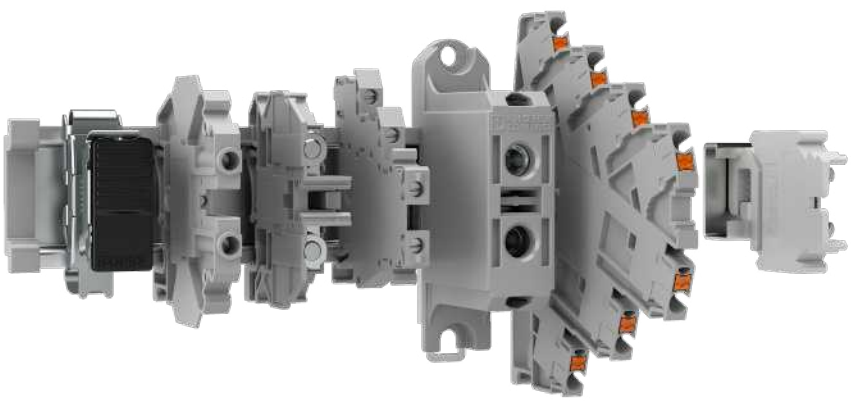

Overview of the product families containing terminal blocks for special fields of application

# Differences at a glance

| Properties | CLIPLINE complete | Terminal blocks for special fields of application |
|---|---|---|
| **General** | | |
| Free combination of connection technologies | ● | |
| Double function shaft | ● | |
| Standardized system accessories | ● | |
| Standardized bridge accessories | ● | ● |
| Standardized marking material | ● | ● |
| Standardized test accessories | ● | ● |
| **Function versions** | | |
| Feed-through and multi-conductor terminal blocks | ● | ● |
| Multi-level terminal blocks | ● | ● |
| Disconnect and knife-disconnect terminal blocks | ● | ● |
| Fuse and component terminal blocks | ● | |
| Plug-in terminal blocks | ● | |
| Installation terminal blocks | ● | |
| High-current terminal blocks | ● | ● |
| Miniature and micro terminal blocks | ● | ● |
| Sensor/actuator terminal blocks | ● | ● |
| Transformer terminal blocks | ● | ● |
| Hybrid terminal blocks | ● | |
| Motor terminals | ● | ● |
| Terminal blocks for aluminum conductors | | ● |
| High-temperature terminal blocks | | ● |
| Shield clamps | | ● |
| **Connection technologies** | | |
| Push-in connection | ● | |
| Screw connection | ● | ● |
| Spring-cage connection technology | ● | |
| Fast connection | ● | |
| Plug-in connection | ● | |
| Bolt connection | ● | ● |
| Spring connection | | ● |

# CLIPLINE complete

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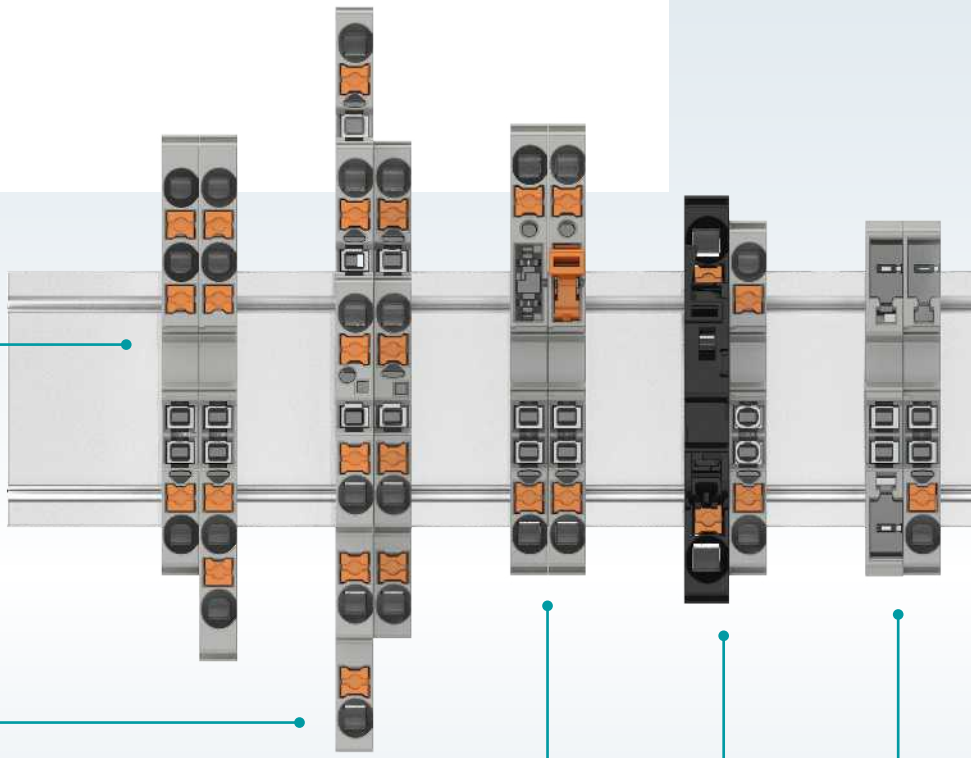
The CLIPLINE complete system provides you with a whole host of different terminal block versions. Simply select the appropriate feed-through terminal blocks and function terminals and combine them, irrespective of the cross-section, using the uniform system accessories.



## Feed-through and multi-conductor terminal blocks

The feed-through and multi-conductor terminal blocks are used to connect two or more conductors together. This product family includes two-, three-, and four-conductor terminal blocks as well as potential collective terminals.

More information starting on page 20

## Multi-level terminal blocks

The multi-level terminal blocks are used to connect two or more conductors together on multiple levels. This product family includes double-level, three-level, and four-level terminal blocks.

More information starting on page 28

## Disconnect and knife-disconnect terminal blocks

Disconnect terminal blocks enable users to separate signals quickly and easily, without releasing the connected conductors. Fuses and component connectors can also be integrated.

More information starting on page 34

## Fuse and component terminal blocks

The fuse terminal blocks enable you to easily implement different fuses. Component terminal blocks are terminal blocks that have integrated or solderable LEDs, blocking diodes, or resistors.

More information starting on page 48

## Installation terminal blocks

The terminal blocks provide everything you need when configuring building distributors. The three-phase systems enable simple marshalling. The integrated disconnect slide allows electrical tests to be performed without disconnecting the neutral conductor.

More information starting on page 66

## Transformer terminal blocks

Transformer terminal blocks offer a high degree of convenience for all the necessary test circuits in secondary current transformer circuits. The portfolio consists of disconnect and feed-through terminal blocks, thereby enabling the fast and space-saving integration of your circuits.

More information starting on page 90

## Hybrid terminal blocks

Hybrid terminal blocks are terminal blocks that have two connection technologies. You can therefore meet the requirements for the internal and external wiring at the same time.

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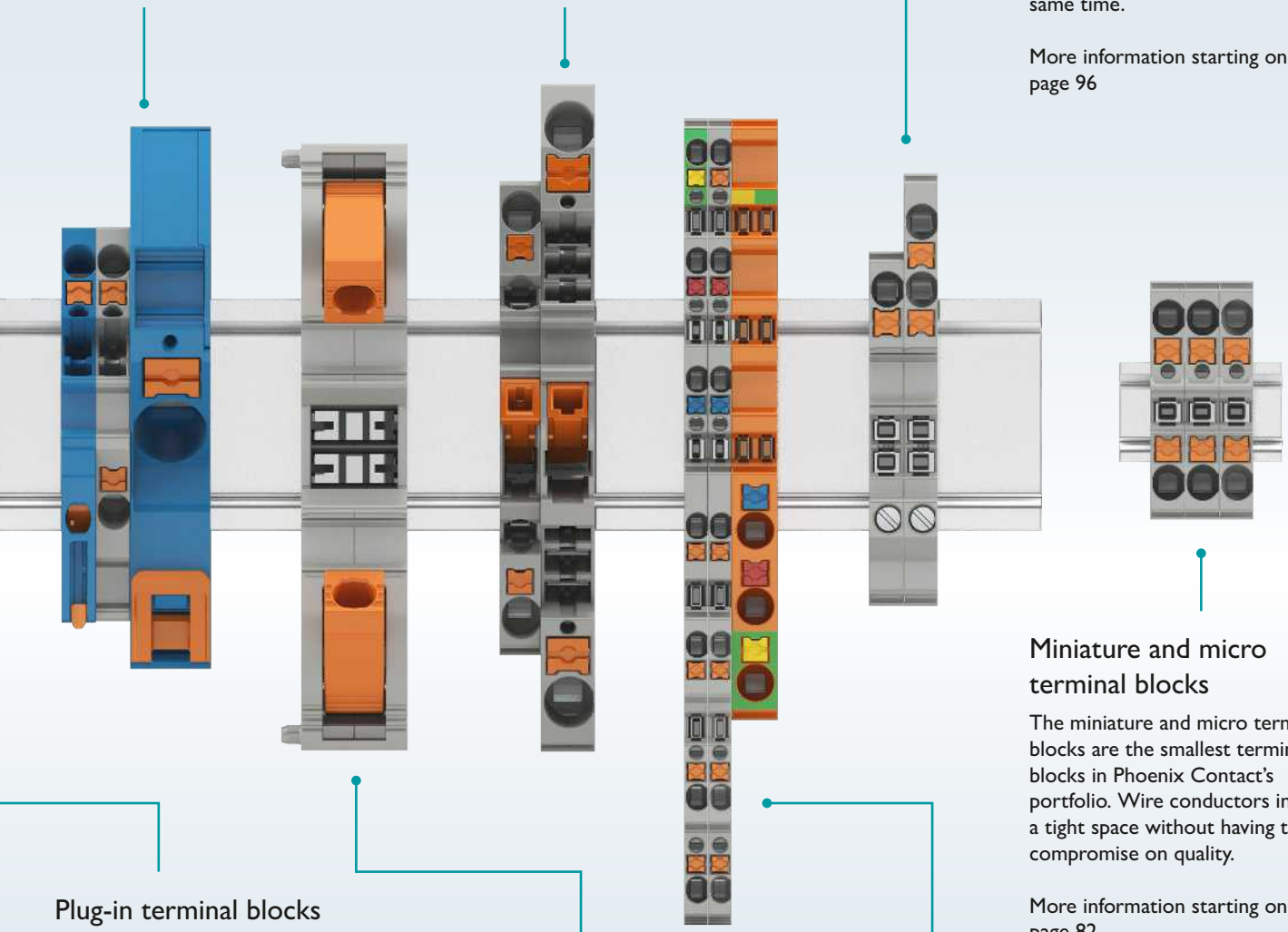


## Miniature and micro terminal blocks

The miniature and micro terminal blocks are the smallest terminal blocks in Phoenix Contact's portfolio. Wire conductors in a tight space without having to compromise on quality.

More information starting on page 82

## Plug-in terminal blocks

The plug-in terminal blocks provide a quick and easy way of wiring pre-assembled cables and cable harnesses. This simplifies automated wiring.

More information starting on page 58

## High-current terminal blocks

High-current terminal blocks are designed for a nominal voltage of up to 1,500 V. The terminal blocks are available with a cross-section of up to 240 mm².

More information starting on page 76

## Sensor/actuator terminal blocks

The sensor/actuator terminal blocks enable you to wire three- or four-conductor sensors and actuators in just one terminal block. Furthermore, you can wire bipolar initiators and actuators with a terminal block width of just 3.5 mm.

More information starting on page 86

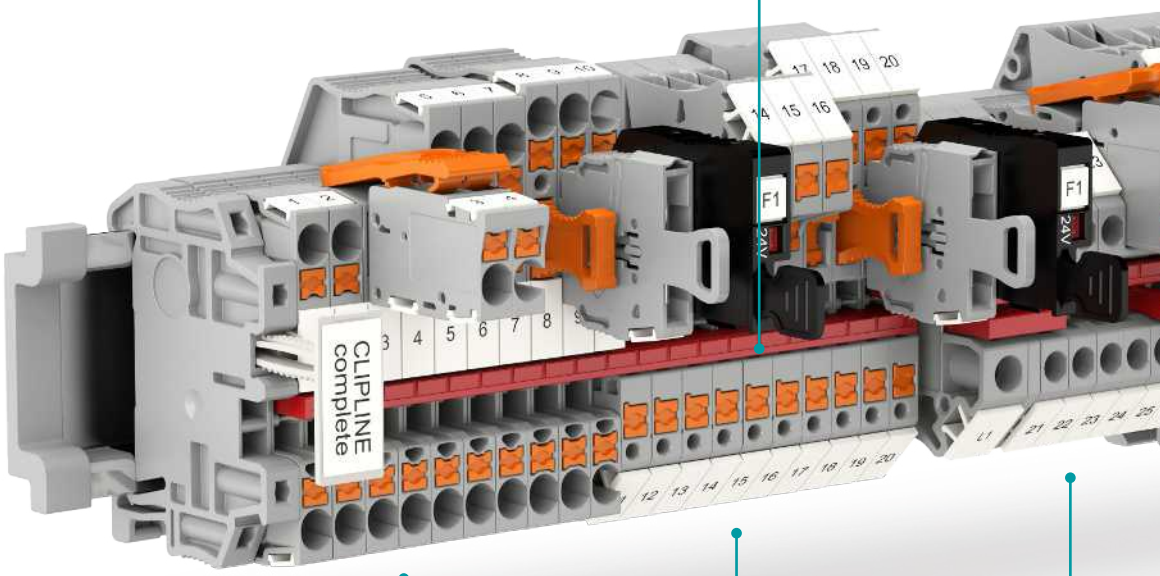
# Connection technologies and accessories of the terminal block system

The CLIPLINE complete system features six connection technologies as well as a range of standardized accessories. Thanks to the various connection technologies and the standardized accessories, you can freely select your preferred connection technology.

## Plug-in bridges

The terminal block system includes plug-in bridges with up to 50 positions. The range also includes wire bridges, bridge bars, and reducing bridges.

More information starting on page 17




## Push-in connection

Push-in connection is a direct plug-in spring connection.

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## Push-in vertical

Push-in vertical is a Push-in connection with lateral conductor entry.

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## Screw connection

Screw connection via tension sleeve is a universal connection. Thanks to the special shape, there is an integrated screw locking mechanism.

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## Marking

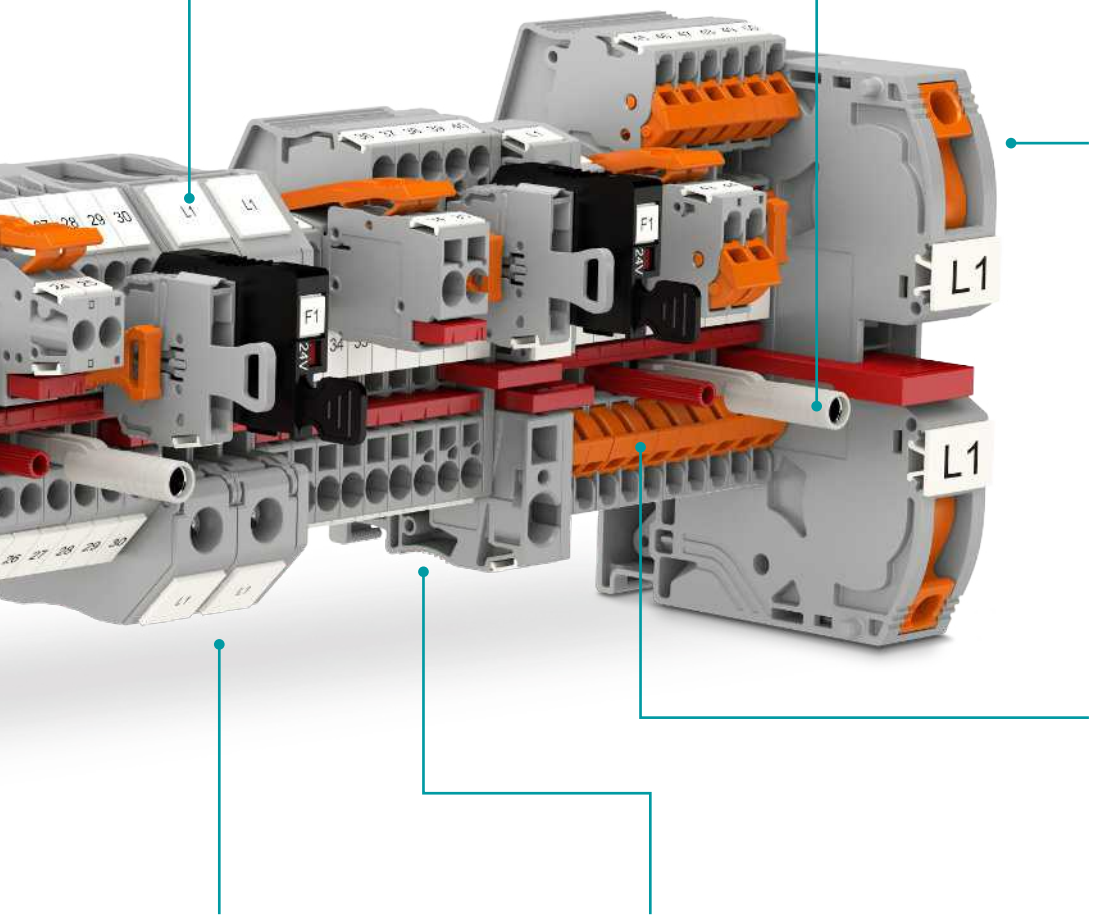
The marking material for the terminal block system is standardized, thereby enabling it to be used universally.

More information starting on page 19

## Test system

The test system comprises alignable test plugs, standardized 2.3 mm test plugs, and various test sockets.

More information starting on page 18




## Power-Turn connection

Power-Turn connection is a spring connection for conductors that are between 35 and 185 mm². To ensure secure conductor connection, the spring connection has up to three contact springs.

More information starting on page 11

## Fast connection

Fast connection saves you the time spent on conductor pretreatment. When the lever is actuated, the insulation displacement connection cuts into the conductor insulation and thus establishes contact.

More information starting on page 14

## Bolt connection

Bolt connection enables the connection of cables with ring and fork-type cable lugs.

More information starting on page 16

## Spring-cage connection technology

Spring-cage connection technology enables easy spring connection with the aid of a screwdriver.

More information starting on page 13

# Connection technologies of the CLIPLINE complete system

## PT and PTV Push-in connection

**Connection principle**
The PT and PTV Push-in connection terminal blocks were developed for direct conductor connection. This means that rigid conductors or conductors with ferrules are inserted directly into the terminal block without using any tools.
The special spring profile enables the easy insertion of conductors with ferrules starting from 0.34 mm² and rigid conductors up to 16 mm². Larger cross-sections between 35 and 185 mm² can be wired with the Power-Turn spring-cage connection.
With the PT and PTV Push-in connection, the contact spring is opened automatically when the conductor is inserted.
This provides the required pressure force against the current bar. The spring is opened by a push button, either to release conductors or to connect flexible conductors without a ferrule starting from 0.14 mm². Easily and without direct contact with live parts. The button can be operated with all standard screwdrivers.
The PT connection technology has been tested and approved for a wide range of approvals. These include, for example, vibration resistance in accordance with railway standard EN 50155 as well as shock and corrosion resistance in accordance with current shipbuilding registers. The connection technology is also certified for process engineering in areas with increased safety (Ex e).

**Material properties**
All metal parts of the Push-in connection terminal blocks are made from corrosion-free materials. The conductive metals are made from high-grade copper alloys. A particular advantage is the low temperature rise due to good electrical conductivity. The surface of the metal parts is protected by lead-free, galvanic nickel or tin plating. The contact force for the Push-in connection is applied by a leg spring made from high-strength chromium-nickel spring steel.
The insulating housings of the terminal blocks are made from recyclable PA 6.6. This elastic plastic with high impact strength is halogen-free and UV-resistant. Further characteristics include good tropical and termite resistance, high chemical resistance, and excellent aging characteristics.
Polyamide 6.6 is used for operating temperatures up to 130°C and is certified for flammability rating V0 in accordance with UL 94.

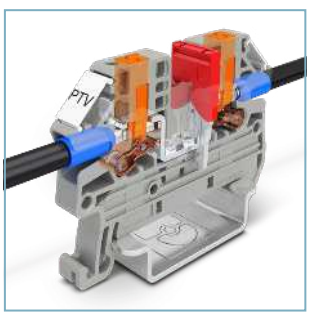
## Your advantages

- ☑ Time-saving connection of pretreated and rigid conductors with tool-free direct-connection technology
- ☑ Convenient insertion with 50% lower insertion force
- ☑ Safe wiring and operation with color-coded push button
- ☑ Easy conductor release without special tools

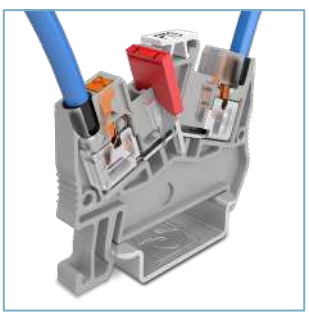
Phoenixcontact.com/
PT-connection-video

Clamping part of a Push-in terminal block


PT design




PTV design



PTS design

## Power-Turn connection

**Connection principle**
The Power-Turn connection was developed for the PTPOWER high-current terminal blocks. The connection consists of up to three terminal springs and an orange lever for clamping and releasing the connection. Power-Turn connection technology is particular suitable for conductor cross-sections between 16 and 185 mm². The terminal blocks are supplied with an open clamping space, enabling immediate wiring. Conductor connection is designed to be quick and easy. After the terminal block is snapped onto the DIN rail, insert the conductors in the open connection area and close the orange lever. When closing the lever, make sure that you do not actuate the screwdriver in the upper shaft area; only do this when it is inserted completely in the lever.

You can check for proper closing by the three congruent profiles on the housing and the levers. To release the connection, insert the screwdriver into the lever opening again as far as possible. Now open the connection chamber by moving the lever towards the middle of the terminal block. The clamping space is not completely open until a click can be heard clearly. Even in the open end position, the three profiles are congruent on the lever and the terminal block.

**Material properties**
All metal parts of the Power-Turn high-current terminal blocks are made from corrosion-free materials. The conductive metals are made from high-grade copper alloys. A particular advantage is the low temperature rise due to good electrical conductivity.

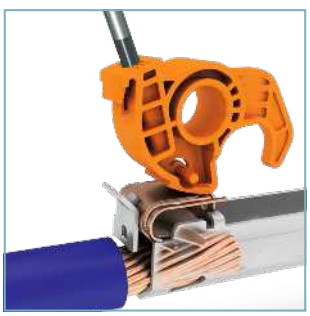
The surface of the metal parts is protected by lead-free, galvanic nickel or tin plating.

When connecting large conductors, the necessary contact force is applied by up to three springs made from high-strength chromium-nickel spring steel.
The insulating housings of the terminal blocks are made from recyclable PA 6.6. This elastic plastic with high impact strength is halogen-free and UV-resistant. Further characteristics include good tropical and termite resistance, high chemical resistance, and excellent aging characteristics.
Polyamide 6.6 is used for operating temperatures up to 130°C and is certified for flammability rating V0 in accordance with UL 94.

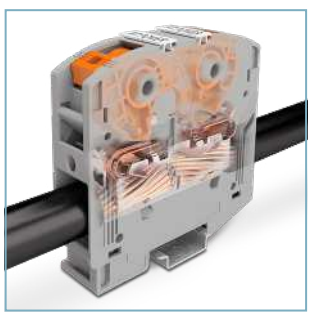
## Your advantages

- Quick and easy connection, thanks to the convenient lever technology
- Secure connection indicated by a visual and audible signal
- Quick determination of the terminal block state based on the lever position
- Long-term stable and vibration-resistant conductor connection with the prismatic clamping part base and up to three pressure springs

Phoenixcontact.com/
power-turn-connection-video



Clamping part of a PTPOWER high-current terminal block



PTPOWER 95

# Connection technologies of the CLIPLINE complete system

## UT screw connection

**Connection principle**
The UT screw connection terminal blocks were designed to meet stringent requirements. For more than 80 years, they have proven themselves a billion times over in all manner of applications. An important characteristic is the maintenance-free conductor connection. There is no need to tighten the terminal screws. The screws are prevented from loosening by the Reakdyn principle, a screw locking mechanism developed and patented by Phoenix Contact.
Conductors for Phoenix Contact UT screw connection terminal blocks can be clamped without pretreatment. Splicing protection can also be implemented in the form of ferrules. A special characteristic of the screw clamping body is the multi-conductor connection, which is also often required. Large conductor cross-sections up to 240 mm² can also be wired gas-tight and with long-term stability thanks to the high contact forces. Screw terminal blocks with test socket screws are also available for special testing tasks. These versions have the suffix P/P.

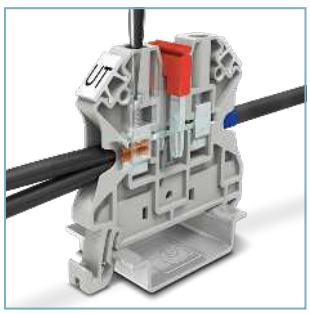
**Material properties**
The metal parts of the UT screw connection terminal blocks are made from high-grade, strain-crack-proof, and corrosion-proof copper alloys as a standard feature. This eliminates the possibility of electrolytic corrosion in the presence of moisture and the risk of rusting. The consequences, such as unreliable electrical contacts and/or jammed screws, are also prevented. Another advantage is the low temperature rise due to good electrical conductivity. The surface of the metal parts is protected by lead-free, galvanic nickel or tin plating.
The insulating housings of the UT screw terminal blocks are made from recyclable PA 6.6. This elastic plastic with high impact strength is halogen-free and UV-resistant. Further characteristics include good tropical and termite resistance, high chemical resistance, and excellent aging characteristics.
Polyamide 6.6 is used for operating temperatures up to 130°C and is certified for flammability rating V0 in accordance with UL 94.

## Your advantages

- ☑ Save time and space with multi-conductor connection
- ☑ Maintenance-free due to the Reakdyn principle
- ☑ Save money – with uniform bridge, marking, and test accessories
- ☑ High conductivity with the wide conductor cross-section range up to 240 mm²
- ☑ Known and accepted worldwide due to proven screw connection

Phoenixcontact.com/
UT-connection-video

Clamping part of a screw terminal block



UT 2,5 terminal block

## ST spring-cage connection technology

**Connection principle**
ST spring-cage terminal blocks were developed for universal spring-loaded conductor contacting. The contact force is independent of the user and creates a vibration-resistant, gas-tight connection with long-term stability. The terminal point is opened with a standard screwdriver. After the conductor has been inserted into the clamping space, the screwdriver is removed and the conductor automatically makes contact. The front connection, with the conductor and screwdriver coming from the same direction in parallel, ensures convenient operation.
All kinds of copper conductors up to 35 mm² can be clamped without pretreatment. Splicing protection can also be implemented in the form of ferrules. Spring-cage terminal blocks from Phoenix Contact provide a large amount of space. This makes it possible to wire conductors with ferrules and insulating collars with a nominal cross-section.

**Material properties**
All metal parts of the spring-cage terminal blocks are made from corrosion-free materials. The conductive metals are made from high-grade copper alloys. A particular advantage is the low temperature rise due to good electrical conductivity. The surface of the metal parts is protected by lead-free, galvanic nickel or tin plating. The contact force for the spring-cage connection is applied by a spring element made from high-strength chromium-nickel spring steel. The insulating housings of the spring-cage terminal blocks are made from recyclable PA 6.6. This elastic plastic with high impact strength is halogen-free and UV-resistant. Further properties include good tropical and termite resistance, high chemical resistance, and excellent aging characteristics. Polyamide 6.6 is used for operating temperatures up to 130°C and is certified for flammability rating V0 in accordance with UL 94.

## Your advantages

- ☑ No restriction on cross-sections when using conductors with ferrules
- ☑ Lower logistics costs, thanks to uniform accessories
- ☑ Comprehensive range of accessories: standardized for bridging, testing, and marking
- ☑ Terminal blocks with spring-cage connection are part of the COMPLETE line system

Phoenixcontact.com/
ST-connection-video

Clamping part of a spring-cage terminal block


ST 2,5 terminal block

# Connection technologies of the CLIPLINE complete system

## QT fast connection

**Connection principle**
The QT QUICKON terminal blocks were designed for fast conductor connection. It is no longer necessary to strip conductors or fit splicing protection. The cables just need to be cut to length for contact to be made in a matter of seconds.
An important characteristic is the space-saving twist connection. Due to the simplicity of the connection, the wiring time is reduced by up to 60%. A standard screwdriver is used to operate the terminal blocks and the switching states are clearly signaled by engagement points in the start and end position. Rigid and flexible conductors from 0.25 to 2.5 $mm^2$ can be wired without aids such as guide ferrules. When a conductor is connected, the conductor insulation is cut open, displaced, and the conductor is securely engaged in the end position where it makes extensive, gas-tight contact.
The high quality of the QUICKON fast connection is demonstrated by the fact that this connection is certified in accordance with the standard for Ex e applications, as are the screw and spring connections.

**Material properties**
The patented contact metals of the QT fast-connection terminal blocks are made from a special, high-grade copper alloy. This combines the good electrical conductivity with excellent elastic characteristics.
The surface of the metal parts is protected by lead-free, galvanic nickel or tin plating.
The insulating housings of the fast-connection terminal blocks are made from recyclable PA 6.6. This elastic plastic with high impact strength is halogen-free and UV-resistant. Further characteristics include good tropical and termite resistance, high chemical resistance, and excellent aging characteristics. Polyamide 6.6 is used for operating temperatures up to 130°C and is certified for flammability rating V0 in accordance with UL 94.

## Your advantages

- ☑ Time savings of up to 60% during connection as no conductor pretreatment is required
- ☑ Reliable setting of the switching states with the snap-on swiveling lever
- ☑ Comprehensive range of accessories: standardized for bridging, testing, and marking

Phoenixcontact.com/
QT-connection-video

Clamping part of a fast-connection terminal block


QTC 2,5 terminal block

## COMBI plug-in connection

**Connection principle**
COMBI plug-in connections are designed for stringent and universal requirements in terms of plug-in capability. The nominal current of the connected conductor is carried through the plug-in contact. The uniform plug-in zone is an important characteristic. Connectors and basic terminal blocks in four connection technologies can be freely combined with each other due to the uniform plug-in zone. The modular structure also enables individual self-assembly of the connectors and the couplings.
All kinds of copper conductors can be connected without pretreatment. Splicing protection can also be implemented in the form of ferrules.
COMBI connectors in all connection technologies provide a large amount of space. This makes it possible to wire conductors with ferrules and insulating collars with a nominal cross-section.

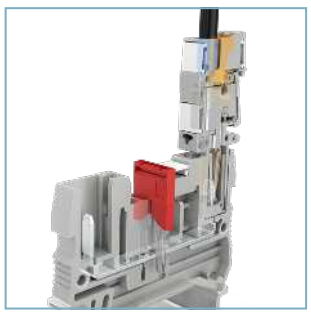
**Material properties**
All metal parts of the COMBI connectors are made from corrosion-free materials. The distinction between the electrical and mechanical functions is a particular advantage. The conductive metals are made from high-grade copper alloys. The surface of the metal parts is protected by lead-free, galvanic nickel or tin plating. The high current carrying capacity of the contact is achieved by an integrated covering spring made from high-strength chromium-nickel spring steel. The insulating housings of the COMBI connectors are made from recyclable PA 6.6. This elastic plastic with high impact strength is halogen-free and UV-resistant. Further characteristics include good tropical and termite resistance, high chemical resistance, and excellent aging characteristics. Polyamide 6.6 is used for operating temperatures up to 130°C and is certified for flammability rating V0 in accordance with UL 94.

## Your advantages

- Powerful plug-in contact enables nominal currents up to 41 A and nominal voltages up to 1,000 V
- High level of safety with the touch-proof connector design
- Protection against mismatching with individual coding options
- Vibration-resistant, thanks to optional latching accessories
- Complete flexibility with connectors designed for self-assembly

Phoenixcontact.com/
COMBI-connection-video

Clamping part of a plug-in terminal block



ST 2,5/2P terminal block

# Connection technologies of the CLIPLINE complete system

## RT bolt connection

**Connection principle**
The RT bolt connection terminal blocks were developed with a robust design and for the convenient wiring of ring cable lugs. An important characteristic is the hinged cover with captive cap nut. This ensures quick and easy ring cable lug wiring. The integrated screw locking mechanism in the form of a spring retainer guarantees safe use, even in applications which are subject to shock and vibration. All ring cable lugs can be connected in accordance with DIN 46234, DIN 46235, or DIN 46237.
A special characteristic of the bolt connection is the often required multi-conductor connection, on which up to four cable lugs can be connected per bolt. Safe wiring of all kinds of conductors up to 300 mm² with long-term stability.

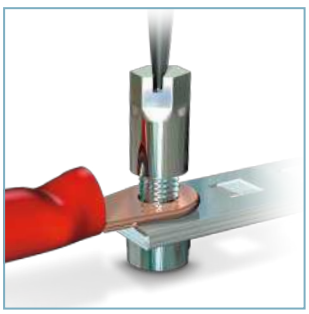
All metal parts of the bolt connection terminal blocks are made from corrosion-free materials. The conductive metals are made from high-grade copper alloys. Due to their good electrical conductivity, they ensure a low temperature rise. The surface of the metal parts is protected by lead-free, galvanic nickel or tin plating. The insulating housings of the bolt connection terminal blocks are made from recyclable PA 6.6. This elastic plastic with high impact strength is halogen-free and UV-resistant. Further characteristics include good tropical and termite resistance, high chemical resistance, and excellent aging characteristics. Polyamide 6.6 is used for operating temperatures up to 130°C and is certified for flammability rating V0 in accordance with UL 94.

**Material properties**

## Your advantages

- ☑ Considerable conductor pull-out forces due to high contact force and large contact surfaces
- ☑ Safety for users, thanks to integrated touch protection
- ☑ Easy potential distribution with time-saving plug-in bridge system
- ☑ Quick ring cable lug wiring due to the hinged cover
- ☑ Comprehensive range of accessories: standardized for bridging, testing, and marking

Phoenixcontact.com/
RT-connection-video



Clamping part of a bolt connection terminal block


RT 5 terminal block

# Accessories of the CLIPLINE complete system

## Flexible plug-in bridge system

One plug-in bridge for all connection technologies. To enable fast and individual potential distribution, the terminal blocks in the CLIPLINE complete system have two function shafts. They are arranged in a line across all the terminal blocks, allowing the connection technologies to be combined.

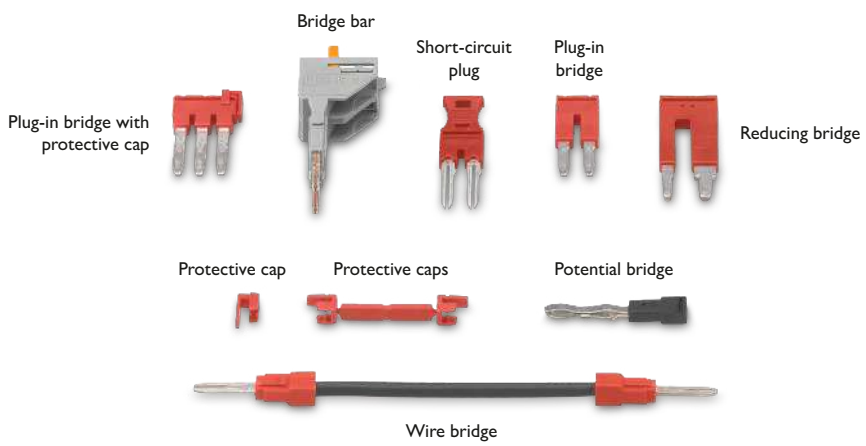
**Standardized plug-in bridges**
The 2- to 50-pos. plug-in bridges allow you to save time when carrying out any potential bridging tasks. The pincer design means that the plug-in bridges fit securely in the function shaft and can only be released with the aid of a screwdriver. If you need to shorten the plug-in bridge, just use a standard diagonal cutter. To ensure that maximum safety is still maintained in terms of touch protection, plug-in bridges -5 and -6 have special caps (FBSC) for closing the open bridge side. For bridging between non-adjacent terminal blocks, the individual contacts can also be removed using a diagonal cutter. We recommend using our CUTFOX-FBS cutting tool for this, which was specifically designed for this application. A marking segment has been incorporated on the top of the bridge to indicate that contacts have been skipped. You can simply mark the contact points accordingly with a pen.

**Short-circuit plug**
In addition to standard plug-in bridges, the bridging system includes short-circuit plugs with an extraction tool (FBSRH). The extraction tool allows you to easily remove the plug without using an additional tool. These bridges are particularly useful for testing applications where the plug-in bridge is not plugged in for permanent use.

**Reducing bridge**
Reducing bridges enable you to connect various terminal blocks in different cross-sections. For example, you can connect terminal blocks with a 6 mm² cross-section to 2.5 mm² terminal blocks. This provides a clever way to integrate feed-in in your control cabinet.

**Bridge bars**
The plug-in bridge bars are of particular interest for transformer circuits. The bridge bars can be quickly and easily connected and disconnected, without having to remove the bridge. The bridges create a quick, removable connection between adjacent terminal blocks.

**Wire bridges**
The wire bridges are particularly suitable for more involved bridging tasks. The wire bridges can be installed in the function shaft and in the wiring space. The bridges are characterized by a flexible and insulated wire between the contacts. This makes the bridge very flexible and enables it to be used where the standardized bridges cause difficulties.




Bridge accessories of the CLIPLINE complete system

# Accessories of the CLIPLINE complete system

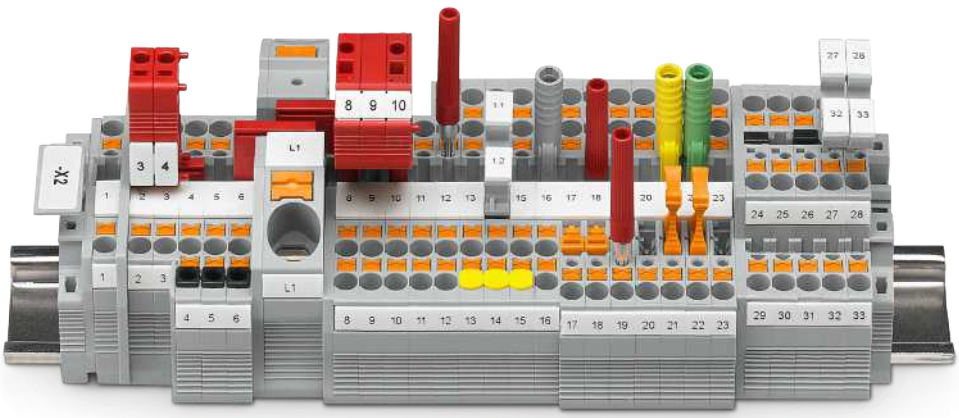
## Test system

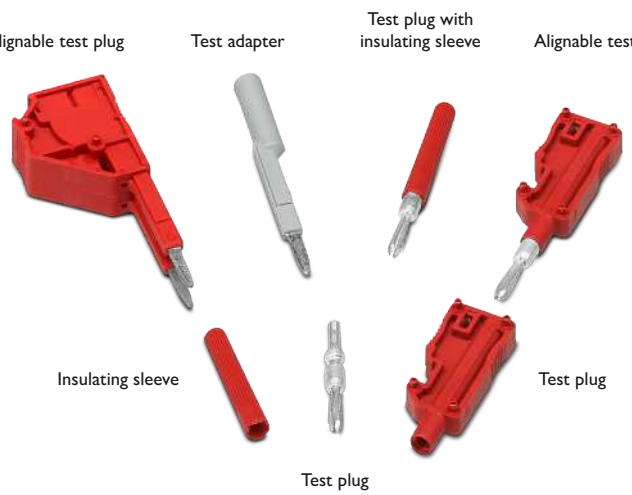
The CLIPLINE complete system includes a comprehensive range of test accessories. All test plugs and test sockets make contact in the freely accessible function shaft or in the test points intended for this purpose.

**2.3 mm test plugs**
To simplify the testing of individual measuring cables, the standardized test system has various colored test plugs with a diameter of 2.3 mm. The contact of the plug is split into four slightly bent contact pins. A kind of spring suspension has thus been integrated. This means that the elastically deformed pins clamp securely in the function shaft or the test point.

**Test adapters**
In addition to the simple 2.3 mm test plugs, the test system includes test adapters. They come in a wide selection of forms and colors, with the right test adapter available for every field of application. The test adapters use the pincer system of the standard plug-in bridges and can therefore only be clamped in the function shaft.

**Alignable test adapters**
In addition to the individual test adapters, the system also includes alignable test adapters. They also use the pincer system of the standard plug-in bridges and can therefore also only be clamped in the function shaft. Due to their design, the adapters can be aligned without requiring any additional accessories. Spacer plates are available so that you can skip a slot.
The test adapters can thus be assembled individually and optimally adapted to your test laboratory.



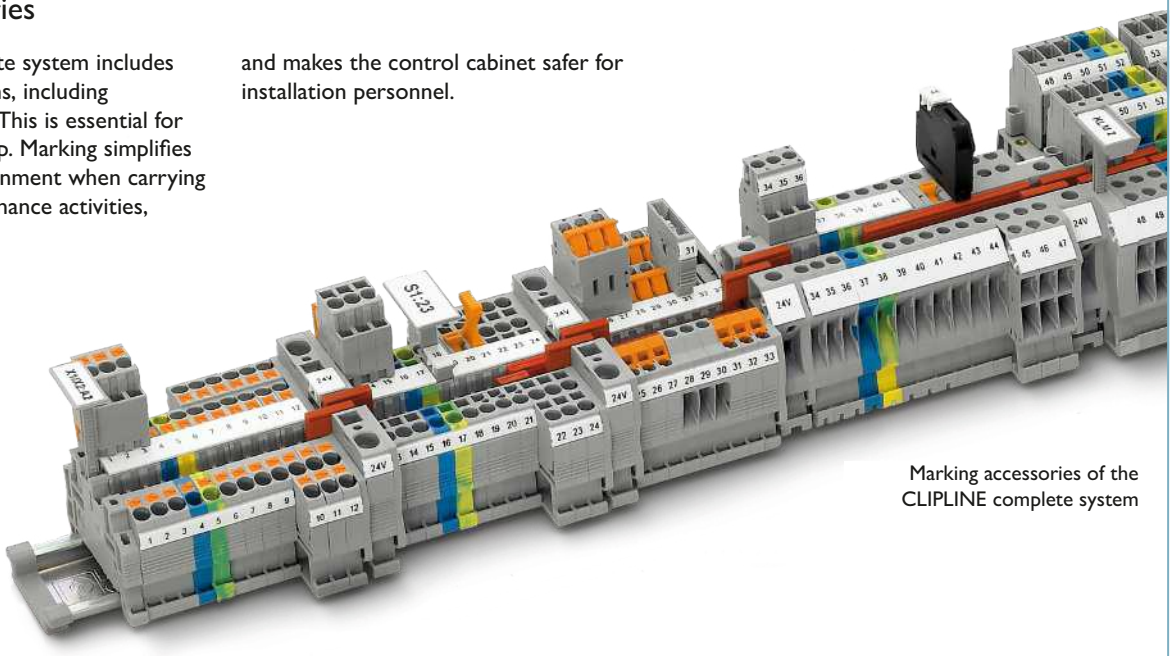



Test accessories of the CLIPLINE complete system

# Accessories of the CLIPLINE complete system

## Marking accessories

The CLIPLINE complete system includes various marking options, including large-surface marking. This is essential for clear wiring and startup. Marking simplifies wire and terminal assignment when carrying out testing and maintenance activities, and makes the control cabinet safer for installation personnel.



Marking accessories of the CLIPLINE complete system

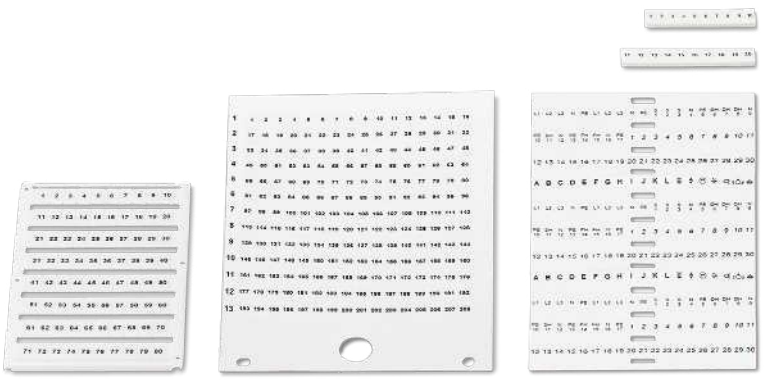
**Group and terminal strip marking**
Optional snap-on, large-surface marker carriers are available for group and terminal strip marking. In conjunction with the corresponding marking accessories, they support quick and easy identification of the individual modules.

**Terminal marking**
In addition to terminal strip marking, the system also includes numerous marking materials for the individual terminals and terminal points.

**Warning labels**
In addition to marking terminal points, the portfolio also includes warning labels. Warning labels can be used to identify circuits that carry current despite the actuation of the main circuit breaker, for example.

**Wire marking**
In addition to marking material for terminal strips, the marking system features numerous types of wire markings. This further simplifies the assignment of wires and terminal points.

**Printing systems**
Do you want to mark your marking material yourself? No problem. Along with the option of ordering custom-marked marking materials, Phoenix Contact also offers various printing systems.

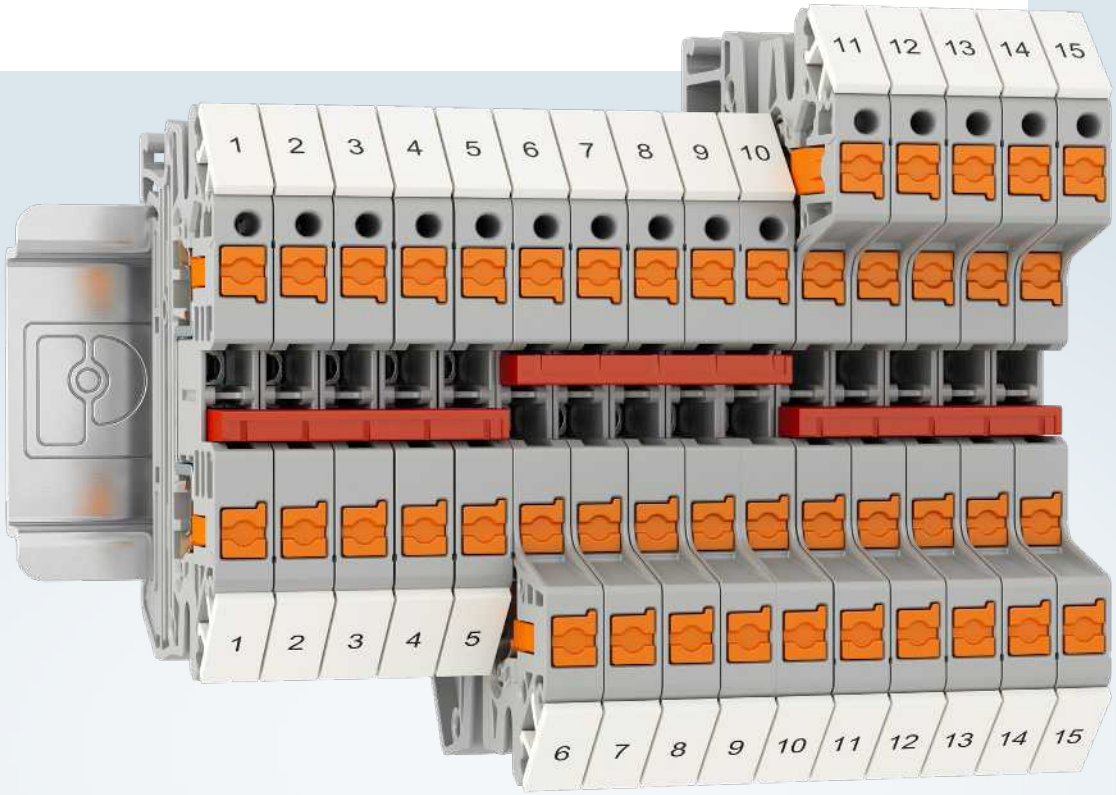



Marking accessories of the CLIPLINE complete system

CLIPLINE complete

# Feed-through and multi-conductor terminal blocks

The feed-through terminal blocks, multi-conductor terminal blocks, and potential collective terminals are suitable for the simple and space-saving connection of two or more conductors. The terminal blocks are characterized by their flexible bridgeability and optimum marking options. The terminal blocks allow you to install conductors between 0.14 and 16 mm².




## Your advantages

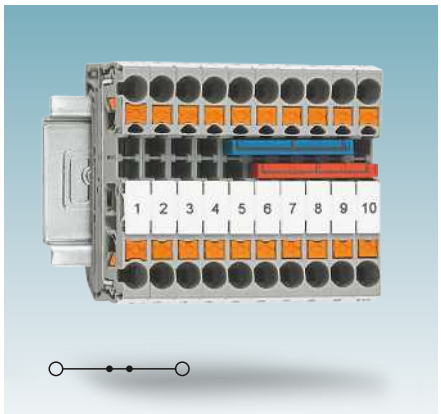
- Space-saving terminal strip configuration, thanks to the compact terminal block design
- Easy and clear potential distribution due to the standardized system accessories
- Universal use for conductor cross-sections between 0.14 and 35 mm²

# Overview of terminal block versions

## Feed-through terminal blocks

Feed-through terminal blocks are a universal solution in the control cabinet. The terminal blocks feature two terminal points and a compact design. The large cross-section range of the terminal blocks allows for use in every application. The nominal cross-sections of the terminal blocks mean that various conductor cross-sections can be accommodated.

For example, the nominal cross-section of 2.5 mm² is designed for conductor cross-sections between 0.14 and 4 mm². This facilitates fast and cost-effective wiring.

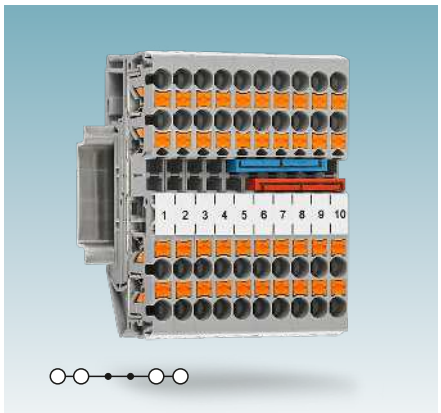



PT 2,5 feed-through terminal blocks

## Multi-conductor terminal blocks

Even more compact wiring is possible with multi-conductor terminal blocks. Multi-conductor terminal blocks are feed-through terminal blocks with three or four connection points that are all routed via the same busbar. This allows you to connect up to four conductors with individual wiring per terminal block.

The design of the terminal blocks means that fewer terminal blocks and supply lines are required for the wiring. Along with an improved overview, this also enables wiring or potential distribution in tight spaces.




PT 2,5-TWIN multi-conductor terminal blocks

## Ground terminals

Feed-through and multi-conductor terminal blocks often have PE terminals that are the same shape. These terminals have the suffix -PE. The green-yellow terminals conform to standard IEC 60947-7-2 and are connected to the DIN rail by means of a metal PE foot. The connection between the terminal points and the DIN rail is established automatically when the terminals are snapped on.

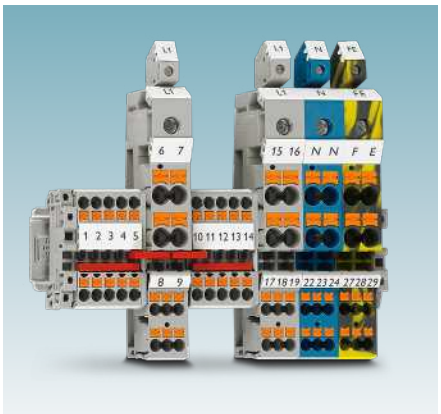
PT 2,5-PE ground terminals with metal PE foot

# Product overview for feed-through and multi-conductor terminal blocks

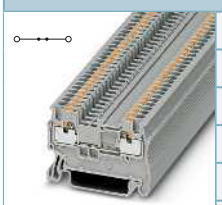
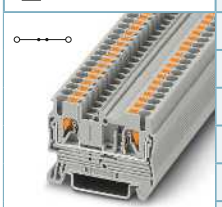
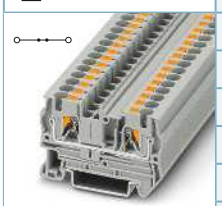
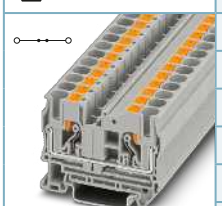
## Potential collective terminals

The compact potential collective terminals offer you a wide range of application options.

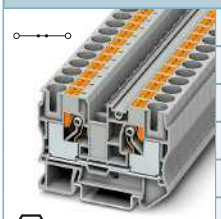
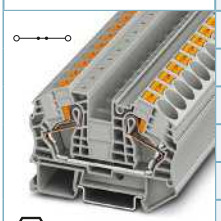
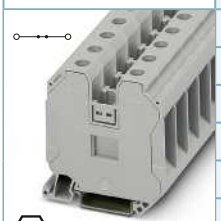
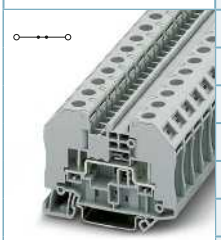
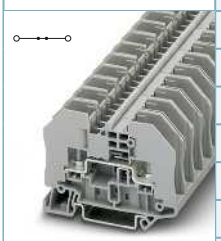
The space-saving design of the terminals enables potential distribution or collection in a small amount of space. You can bridge the terminals using standard plug-in bridges from the CLIPLINE complete system. Testing is performed via the 2.3 mm standard test point. A large-surface marking option is available for each terminal point.



PT 35/4X6/6X2,5 potential collective terminals

| Feed-through terminal blocks (2-conductor) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PT 1,5/S 3208100 | Push-in connection | PTS 1,5/S | 3214547 |
| | Connection technology | Push-in connection | Spring-cage connection | ST 1,5 | 3031076 |
| | Blue housing version | PT 1,5/S BU 3208126 | Fast connection | QTC 1,5 | 3205019 |
| | PE version | PT 1,5/S-PE 3208139 | | | |
| | Current / voltage | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 2,5 3209510 | Push-in connection | PTV 2,5 | 1078960 |
| | Connection technology | Push-in connection | Push-in connection | PTS 2,5 | 3211799 |
| | Blue housing version | PT 2,5 BU 3209523 | Screw connection | UT 2,5 | 3044076 |
| | PE version | PT 2,5-PE 3209536 | Spring-cage connection | ST 2,5 | 3031212 |
| | Current / voltage | 24 A / 800 V | Fast connection | QTC 2,5 | 3206416 |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 4 3211757 | Push-in connection | PTV 4 | 1088728 |
| | Connection technology | Push-in connection | Push-in connection | PTS 4 | 3213601 |
| | Blue housing version | PT 4 BU 3211760 | Screw connection | UT 4 | 3044102 |
| | PE version | PT 4-PE 3211766 | Spring-cage connection | ST 4 | 3031364 |
| | Current / voltage | 32 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 12 | | | |
|  | Type / Item No. | PT 6 3211813 | Push-in connection | PTV 6 | 1116734 |
| | Connection technology | Push-in connection | Screw connection | UT 6 | 3044131 |
| | Blue housing version | PT 6 BU 3211819 | Spring-cage connection | ST 6 | 3031487 |
| | PE version | PT 6-PE 3211822 | | | |
| | Current / voltage | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 8 | | | |

# Product overview for feed-through and multi-conductor terminal blocks

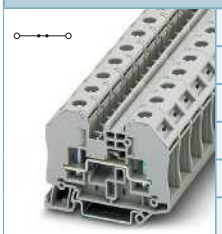
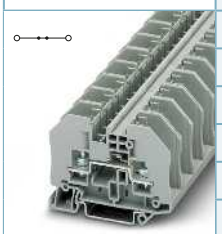
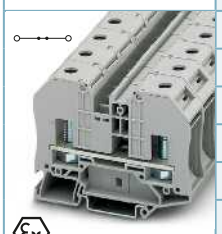
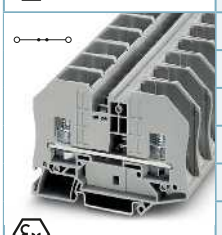
| Feed-through terminal blocks (2-conductor) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PT 10 3212120 | Screw connection<br>Spring-cage connection | UT 10<br>ST 10 | 3044160<br>3036110 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 10 BU 3212123 | | | |
| | PE version | PT 10-PE 3212131 | | | |
| | Current / voltage | 57 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 16 mm² // 20 … 8 | | | |
|  | Type Item No. | PT 16 N 3212138 | Screw connection<br>Spring-cage connection | UT 16<br>ST 16 | 3044199<br>3036149 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 16 N BU 3212142 | | | |
| | PE version | PT 16 N-PE 3212147 | | | |
| | Current / voltage | 76 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 25 mm² // 20 … 6 | | | |
|  | Type Item No. | UT 35 3044225 | Spring-cage connection | ST 35 | 3036178 |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UT 35 BU 3044238 | | | |
| | PE version | UT 35-PE 3044241 | | | |
| | Current / voltage | 125 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 1.5 mm² … 50 mm² // 16 …1/0 | | | |
|  | Type Item No. | RT 3 3049013 | | | |
| | Connection technology | Bolt connection | | | |
| | Blue housing version | RT 3 BU 3049110 | | | |
| | PE version | RT 3-PE 3049411 | | | |
| | Current / voltage | 24 A / 1000 V | | | |
| | Bolt diameter | 3 mm | | | |
| | Cross-section of cable lug connection | 0.5 mm² ... 2.5 mm² | | | |
|  | Type Item No. | RTO 3 3049518 | | | |
| | Connection technology | Bolt connection | | | |
| | Blue housing version | RTO 3 BU 3049660 | | | |
| | PE version | RTO 3-PE 3049615 | | | |
| | Current / voltage | 24 A / 1000 V | | | |
| | Bolt diameter | 3 mm | | | |
| | Cross-section of cable lug connection | 0.5 mm² ... 2.5 mm² | | | |

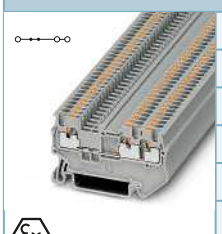
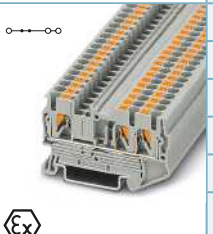
## Important note

The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

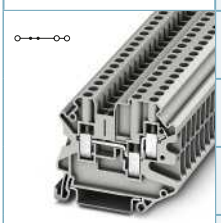
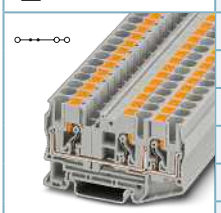
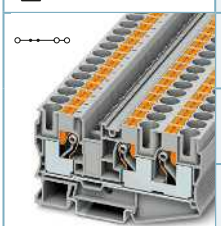
You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

# Product overview for feed-through and multi-conductor terminal blocks

| Feed-through terminal blocks (2-conductor) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | RT 5 3049026 | | | |
| | Connection technology | Bolt connection | | | |
| | Blue housing version | RT 5 BU 3049123 | | | |
| | PE version | RT 5-PE 3049424 | | | |
| | Current / voltage | 41 A / 1000 V | | | |
| | Bolt diameter | 5 mm | | | |
| | Cross-section of cable lug connection | 0.5 mm² ... 6 mm² | | | |
|  | Type Item No. | RTO 5 3049521 | | | |
| | Connection technology | Bolt connection | | | |
| | Blue housing version | RTO 5 BU 3049767 | | | |
| | PE version | RTO 5-PE 3049628 | | | |
| | Current / voltage | 41 A / 1000 V | | | |
| | Bolt diameter | 5 mm | | | |
| | Cross-section of cable lug connection | 0.5 mm² ... 6 mm² | | | |
|  | Type Item No. | RT 8 3049042 | | | |
| | Connection technology | Bolt connection | | | |
| | Blue housing version | RT 8 BU 3049148 | | | |
| | Current / voltage | 125 A / 1000 V | | | |
| | Bolt diameter | 8 mm | | | |
| | Cross-section of cable lug connection | 2.5 mm² ... 35 mm² | | | |
|  | Type Item No. | RTO 8 3049343 | | | |
| | Connection technology | Bolt connection | | | |
| | Blue housing version | RTO 8 BU 3049864 | | | |
| | Current / voltage | 125 A / 1000 V | | | |
| | Bolt diameter | 8 mm | | | |
| | Cross-section of cable lug connection | 2.5 mm² ... 35 mm² | | | |

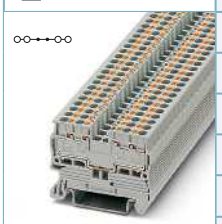
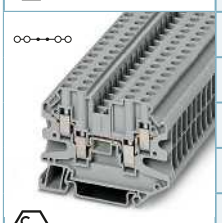
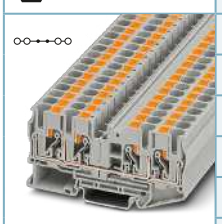
| Multi-conductor terminal blocks (3-conductor) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PT 1,5/S-TWIN 3208155 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 1,5/S-TWIN BU 3208168 | | | |
| | PE version | PT 1,5/S-TWIN-PE 3208171 | | | |
| | Current / voltage | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | Push-in connection<br>Spring-cage connection<br>Fast connection | PTS 1,5/S-TWIN<br>ST 1,5-TWIN<br>QTC 1,5-TWIN | 3214589<br>3031128<br>3205048 |
|  | Type Item No. | PT 2,5-TWIN 3209549 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 2,5-TWIN BU 3209552 | | | |
| | PE version | PT 2,5-TWIN-PE 3209565 | | | |
| | Current / voltage | 24 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | Push-in connection<br>Push-in connection<br>Screw connection<br>Spring-cage connection<br>Spring-cage connection<br>Fast connection | PTV 2,5-TWIN<br>PTS 2,5-TWIN<br>UT 2,5-TWIN<br>ST 2,5-TWIN<br>STS 2,5-TWIN<br>QTC 2,5-TWIN | 1078966<br>3211896<br>3044513<br>3031241<br>3031720<br>3206445 |

# Product overview for feed-through and multi-conductor terminal blocks

| Multi-conductor terminal blocks (3-conductor) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PT 4-TWIN 3211771 | Push-in connection | PTV 4-TWIN | 1088731 |
| | Connection technology | | Push-in connection | | PTS 4-TWIN | 3211893 |
| | Blue housing version | | PT 4-TWIN BU 3211775 | Screw connection | UT 4-TWIN | 3044364 |
| | PE version | | PT 4-TWIN-PE 3211780 | Spring-cage connection | ST 4-TWIN | 3031393 |
| | Current / voltage | | 32 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 6 mm² // 24 … 12 | | | |
|  | Type | Item No. | UT 4-TWIN HV 3000608 | | | |
| | Connection technology | | Screw connection | | | |
| | Current / voltage | | 32 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type | Item No. | PT 6-TWIN 3211929 | Push-in connection | PTV 6-TWIN | 1116737 |
| | Connection technology | | Push-in connection | Spring-cage connection | ST 6-TWIN | 3036466 |
| | Blue housing version | | PT 6-TWIN BU 3211485 | | | |
| | PE version | | PT 6-TWIN-PE 3211498 | | | |
| | Current / voltage | | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 10 mm² // 20 … 10 | | | |
|  | Type | Item No. | PT 10-TWIN 3208746 | Spring-cage connection | ST 10-TWIN | 3035288 |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 57 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 16 mm² // 20 … 8 | | | |
|  | Type | Item No. | PT 16-TWIN N 3208760 | Spring-cage connection | ST 16-TWIN | 3035328 |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PT 16-TWIN N BU 3208773 | | | |
| | PE version | | PT 16-TWIN N-PE 3208786 | | | |
| | Current / voltage | | 76 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 25 mm² // 20 … 6 | | | |

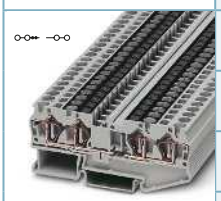
| Multi-conductor terminal blocks (4-conductor) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PT 1,5/S-QUATTRO 3208197 | Push-in connection | PTS 1,5/S-QUATTRO | 3214615 |
| | Connection technology | | Push-in connection | Spring-cage connection | ST 1,5/S-QUATTRO | 3213124 |
| | Blue housing version | | PT 1,5/S-QUATTRO BU 3208208 | Fast connection | QTC 1,5-QUATTRO | 3205077 |
| | PE version | | PT 1,5/S-QUATTRO-PE 3208333 | | | |
| | Current / voltage | | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |

# Product overview for feed-through and multi-conductor terminal blocks

| Multi-conductor terminal blocks (4-conductor) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PT 2,5-QUATTRO 3209578 | Push-in connection | PTV 2,5-QUATTRO | 1078999 |
| | Connection technology | | Push-in connection | Push-in connection | PTS 2,5-QUATTRO | 3211993 |
| | Blue housing version | | PT 2,5-QUATTRO BU 3209581 | Screw connection | UT 2,5-QUATTRO | 3044542 |
| | PE version | | PT 2,5-QUATTRO-PE 3209594 | Spring-cage connection | ST 2,5-QUATTRO | 3031306 |
| | Current / voltage | | 24 A / 800 V | Fast connection | QTC 2,5-QUATTRO | 3206446 |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type | Item No. | PT 2,5/S-QUATTRO 3211019 | | | |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PT 2,5/S-QUATTRO BU 3211022 | | | |
| | PE version | | PT 2,5/S-QUATTRO-PE 3211025 | | | |
| | Current / voltage | | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 16 | | | |
|  | Type | Item No. | PT 4-QUATTRO 3211797 | Push-in connection | PTV 4-QUATTRO | 1088734 |
| | Connection technology | | Push-in connection | Push-in connection | PTS 4-QUATTRO | 3213607 |
| | Blue housing version | | PT 4-QUATTRO BU 3211802 | Screw connection | UT 4-QUATTRO | 3044571 |
| | PE version | | PT 4-QUATTRO-PE 3211809 | Spring-cage connection | ST 4-QUATTRO | 3031445 |
| | Current / voltage | | 32 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 6 mm² // 24 … 12 | | | |
|  | Type | Item No. | UT 4-QUATTRO HV 3048823 | Screw connection | UT 4-QUATTRO HV BU | |
| | Connection technology | | Screw connection | 3048836 | | |
| | Blue housing version | | UT 4-QUATTRO HV BU 3048836 | | | |
| | Current / voltage | | 32 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type | Item No. | PT 6-QUATTRO 3212934 | Push-in connection | PTV 6-QUATTRO | 1116871 |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PT 6-QUATTRO BU 3212947 | | | |
| | PE version | | PT 6-QUATTRO-PE 3212950 | | | |
| | Current / voltage | | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 10 mm² // 20 … 10 | | | |

| Multi-conductor terminal blocks with current bar interruption | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | ST 1,5-QUATTRO-U 3038600 | | | |
| | Connection technology | | Spring-cage connection | | | |
| | Current / voltage | | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 1.5 mm² // 28 … 16 | | | |

# Product overview for feed-through and multi-conductor terminal blocks

| Multi-conductor terminal blocks with current bar interruption | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | ST 2,5-QUATTRO-U 3031636 | | | |
| | Connection technology | Spring-cage connection | | | |
| | Current / voltage | 22 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type Item No. | ST 4-QUATTRO-U 3038639 | | | |
| | Connection technology | Spring-cage connection | | | |
| | Current / voltage | 28 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.08 mm² … 4 mm² // 28 … 12 | | | |

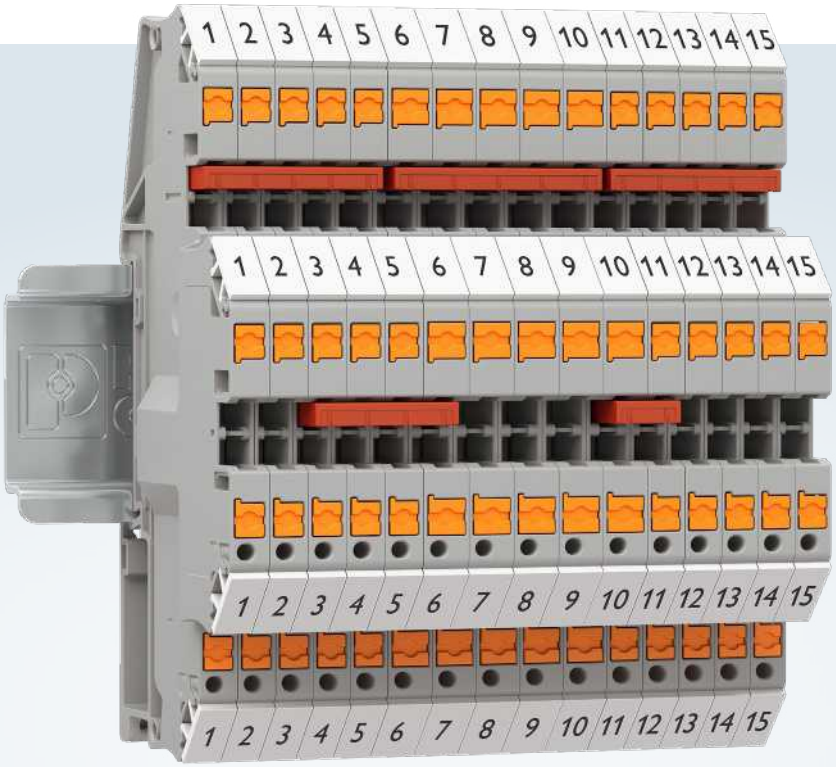
| Potential collective terminals | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PT 2X10/9X4 3002369 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 2X10/9X4 BU 3002368 | | | |
| | Current / voltage | 57 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 8 | | | |
|  | Type Item No. | PTU 16/14X2,5 GY 3214016 | | | |
| | Connection technology | Push-in connection / screw connection | | | |
| | Blue housing version | PTU 16/14X2,5 BU 3214014 | | | |
| | Current / voltage | 25 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 1 mm² … 2.5 mm² // … | | | |
|  | Type Item No. | PTU 35/4X10 3002371 | | | |
| | Connection technology | Screw connection / Push-in connection | | | |
| | Blue housing version | PTU 35/4X10 BU 3002370 | | | |
| | Current / voltage | 101 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 1.5 mm² … 35 mm² // 16 … 2 | | | |
|  | Type Item No. | PTU 35/4X6/6X2,5 3214080 | | | |
| | Connection technology | Screw connection / Push-in connection | | | |
| | Blue housing version | PTU 35/4X6/6X2,5 BU 3214081 | | | |
| | Current / voltage | 105 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 1.5 mm² … 50 mm² // 16 …1/0 | | | |

CLIPLINE complete

# Multi-level terminal blocks

Multi-level terminal blocks are suitable for the simple and space-saving connection of two or more conductors on up to four levels. A single potential is routed through each level. Bridging of multiple levels is preinstalled on special PV versions.

The terminal blocks allow you to install conductor cross-sections between 0.14 and 16 mm².




## Your advantages

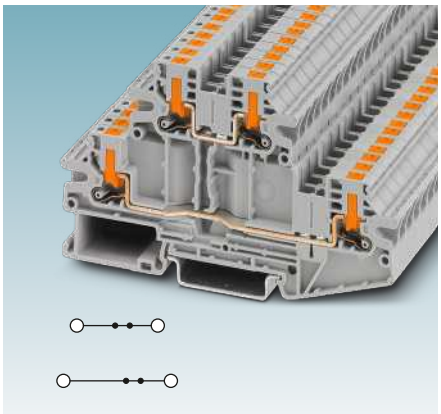
- ☑ Space-saving conductor connection with up to three potentials on up to four levels
- ☑ Easy potential distribution, thanks to the integrated function shafts on each level
- ☑ Clear arrangement with markings on all terminal points
- ☑ Easy access to the lower levels as the levels are offset

# Information on multi-level terminal blocks

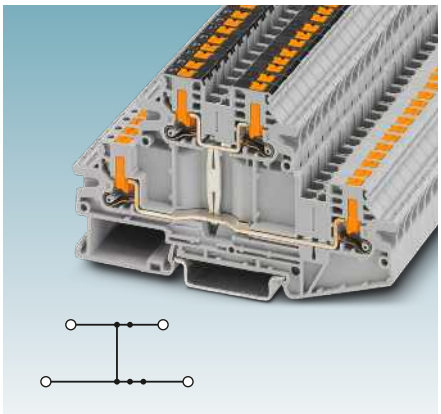
## Double-level terminal blocks

**PV versions**
The function shafts of most double-level terminal blocks are designed so that both levels can be connected to each other via vertical bridging. This creates a multi-conductor terminal block on several levels. The CLIPLINE complete system includes special FBS-PV bridges for this, which are listed as accessories for the respective terminal blocks in the online shop. However, due to the current bar, the PV terminal block versions feature fixed level bridging.

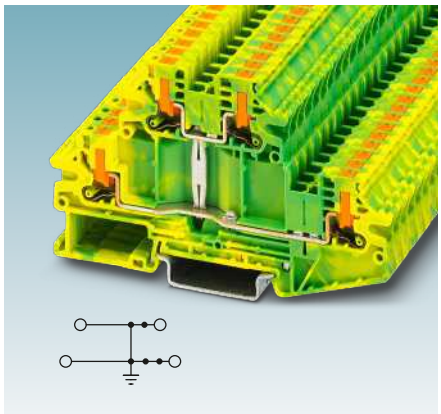
**PE versions**
Along with simple versions, the terminal block portfolio also includes multi-level terminal blocks with PE connection. The discharge potential leads directly to the busbar via the metal PE foot.



PTTB 2,5 double-level terminal blocks



PTTB 2,5-PV double-level terminal blocks with integrated level bridging

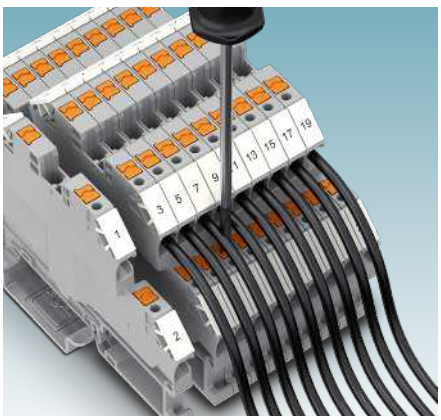


PTTB 2,5-PE ground terminals with metal PE foot

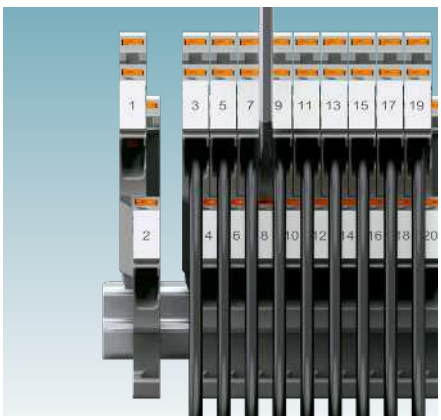
## Offset levels for lateral conductor connection

The double-level terminal blocks with lateral conductor connection feature offset levels. The offset enables unhindered access to the lower connection level and its push button or screw, even when fully wired. Furthermore, the offset also means that the marking labels of the lower level are easier to read, making wiring and maintenance much easier.

**Terminal block width**
At first glance, the offset levels appear to double the terminal block width and therefore the width of the terminal strip. However, this is not always the case. The individual terminal blocks are slightly wider, but the overall terminal strip width is wider by just one terminal block width due to the offset levels compared to double-level terminal blocks without offset.

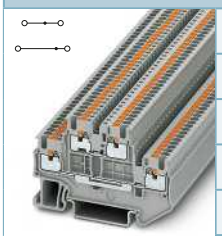
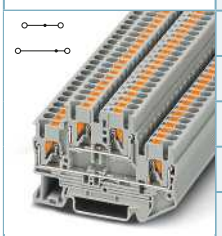
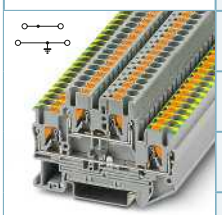
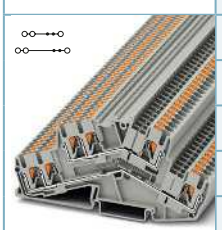
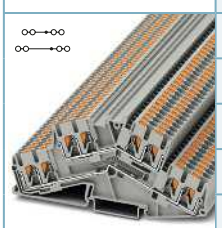
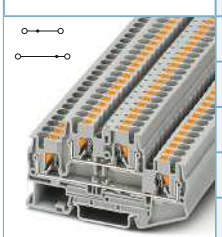


The levels are offset, thereby providing unrestricted access to the lower level

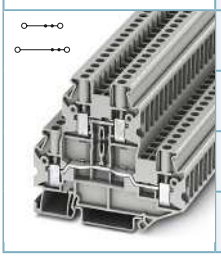



The offset levels make it easier to read the markings.

# Product overview for multi-level terminal blocks

| Multi-level terminal blocks (double-level) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PTTB 1,5/S 3208511 | Push-in connection | PTTBS 1,5/S | 3214657 |
| | Connection technology | | Push-in connection | Spring-cage connection | STTB 1,5 | 3031157 |
| | Blue housing version | | PTTB 1,5/S BU 3208524 | Fast connection | QTTCB 1,5 | 3205116 |
| | PE version | | PTTB 1,5/S-PE 3208537 | | | |
| | Current / voltage | | 16 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type | Item No. | PTTB 2,5 3210567 | Push-in connection | PTTBV 2,5 | 1079073 |
| | Connection technology | | Push-in connection | Push-in connection | PTTBS 2,5 | 3209604 |
| | Blue housing version | | PTTB 2,5 BU 3210570 | Screw connection | UTTB 2,5 | 3044636 |
| | PE version | | PTTB 2,5-PE 3210596 | Spring-cage connection | STTB 2,5 | 3031270 |
| | Current / voltage | | 22 A / 500 V | Spring-cage connection | STTBS 2,5 | 3038464 |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type | Item No. | PTTB 2,5-PE/L 3210978 | | | |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 24 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type | Item No. | PTTBS 2,5-TWIN 3210600 | Spring-cage connection | STTB 2,5-TWIN | 3038516 |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PTTBS 2,5-TWIN BU 3210601 | | | |
| | PE version | | PTTBS 2,5-TWIN-PE 3210602 | | | |
| | Current / voltage | | 20 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type | Item No. | PTTBS 2,5-QUATTRO 3210609 | | | |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PTTBS 2,5-QUATTRO BU 3210610 | | | |
| | PE version | | PTTBS 2,5-QUATTRO-PE 3210611 | | | |
| | Current / voltage | | 20 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type | Item No. | PTTB 4 3211786 | Push-in connection | PTTBV 4 | 1088737 |
| | Connection technology | | Push-in connection | Push-in connection | PTTBS 4 | 3211832 |
| | Blue housing version | | PTTB 4 BU 3211793 | Screw connection | UTTB 4 | 3044814 |
| | PE version | | PTTB 4-PE 3211854 | Spring-cage connection | STTB 4 | 3031429 |
| | Current / voltage | | 28 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 6 mm² // 24 … 12 | | | |

# Product overview for multi-level terminal blocks

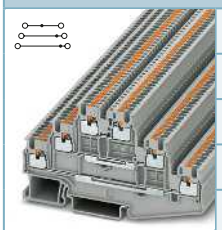
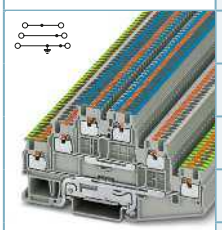
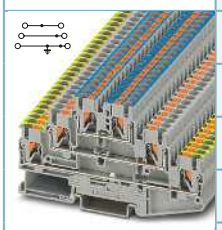
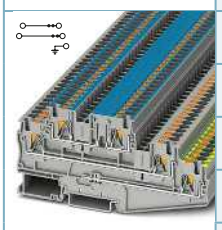
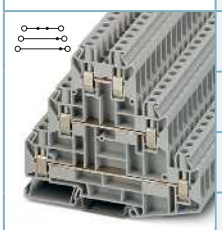
| Multi-level terminal blocks (double-level) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PTTB 4-L 1000V 3062744 | | | |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 32 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 6 mm² // 24 … 12 | | | |
|  | Type | Item No. | UTTB 4 HV 3000610 | | | |
| | Connection technology | | Screw connection | | | |
| | Current / voltage | | 30 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 6 mm² // 26 … 10 | | | |

## Important note

The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

# Product overview for multi-level terminal blocks

| Multi-level terminal blocks (3-level) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PT 1,5/S-3L 3213713 | Spring-cage connection | STTB 1,5 | 3031157 |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PT 1,5/S-3L BU 3213726 | | | |
| | PE version | | PT 1,5/S-3PE 3213739 | | | |
| | Current / voltage | | 15 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type | Item No. | PT 1,5/S-PE/L/N 3213755 | Screw connection<br>Spring-cage connection | UTTB 2,5<br>STTB 2,5 | 3044636<br>3031270 |
| | Connection technology | | Push-in connection | | | |
| | PE version | | PT 1,5/S-3PE 3213739 | | | |
| | Current / voltage | | 15 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type | Item No. | PT 2,5-3L 3210499 | Screw connection<br>Spring-cage connection | UT 2,5-3L<br>ST 2,5-3L | 3214259<br>3036042 |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PT 2,5-3L BU 3210509 | | | |
| | Current / voltage | | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type | Item No. | PT 2,5-PE/L/N 3210538 | Screw connection<br>Spring-cage connection | UT 2,5-PE/L/N<br>ST 2,5-PE/L/N | 3214291<br>3036084 |
| | Connection technology | | Push-in connection | | | |
| | Connection version | | PT 2,5-PE/L/L 3210541 | | | |
| | Current / voltage | | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type | Item No. | PT 4-PE/L/N 3002614 | Screw connection | UT 4-PE/L/N | 3214361 |
| | Connection technology | | Push-in connection | | | |
| | Connection version | | PT 4-PE/L/L 3002613 | | | |
| | Current / voltage | | 30 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 6 mm² // 24 … 10 | | | |
|  | Type | Item No. | UT 6-3L 3046703 | | | |
| | Connection technology | | Screw connection | | | |
| | Current / voltage | | 36 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 10 mm² // 24 … 8 | | | |

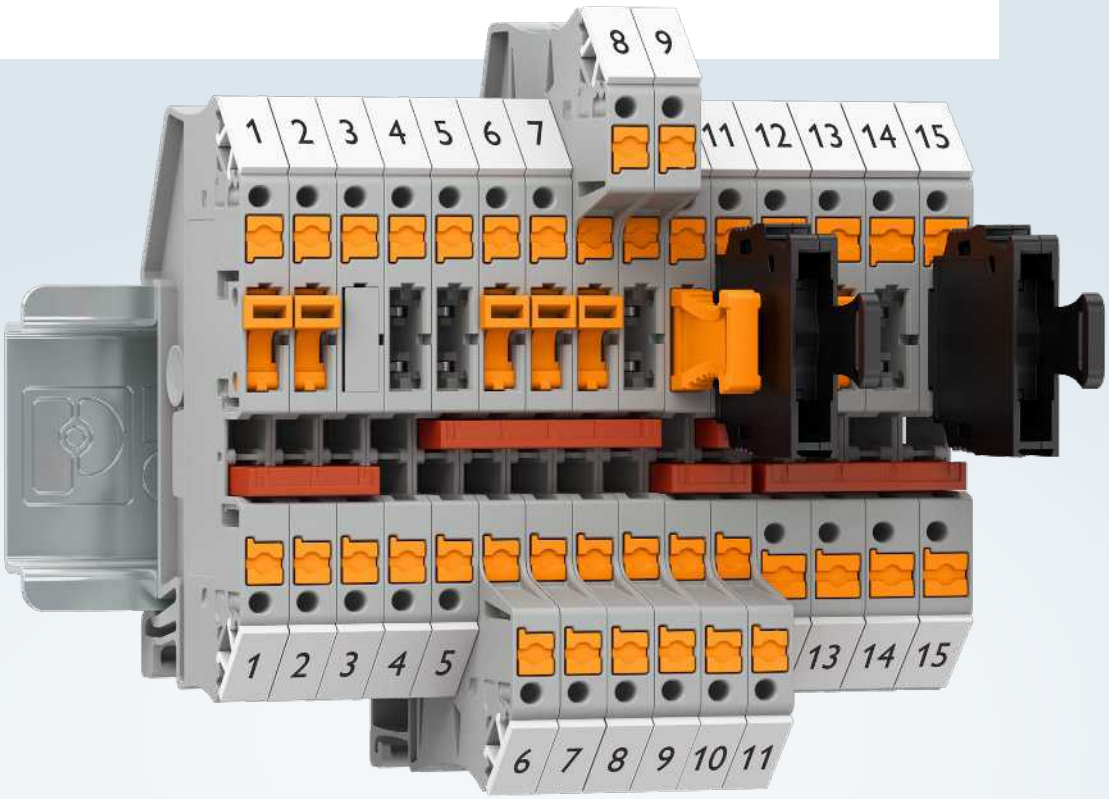
# Product overview for multi-level terminal blocks

| Multi-level terminal blocks (4-level) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PT 2,5-PE/3L/2P 3012316 | | | |
| | Connection technology | Push-in / plug-in connection | | | |
| | Current / voltage | 10 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |

CLIPLINE complete

# Disconnect and knife-disconnect terminal blocks

Various terminal blocks that enable the easy manual disconnection of circuits are used in testing and measurement technology in particular. The knife-disconnect terminal blocks have an easy-to-operate lever-type disconnect knife. The basic disconnect terminal blocks have a standardized disconnect zone for accommodating component connectors, fuse plugs, isolating plugs, or feed-through connectors.




## Your advantages

- Convenient separation of circuits with lever-type disconnect knife and isolating plug
- User-friendly current measurement, thanks to testing option on either side of the disconnect point
- Individual assembly with disconnect element, fuse plug, component connector, and feed-through connector

# Information on the disconnect versions

## Disconnect terminal blocks

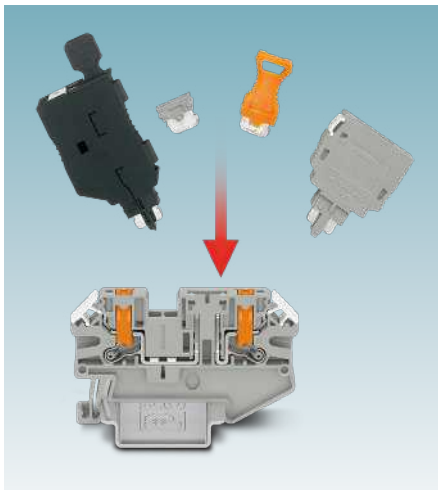
Disconnect terminal blocks are usually feed-through, multi-conductor, or multi-level terminal blocks with an integrated disconnect zone. The disconnect zones are standardized and accommodate a range of function plugs. The inclusion of a function plug results in different types of function terminals.

**Isolating plugs**
The integration of isolating plugs allows circuits to be quickly and easily opened and closed at the individual terminal blocks. Switching is performed by unplugging or plugging in the isolating plug. This enables you to measure the individual circuits quickly and easily.

**Fuse plugs and component connectors**
Fuse plugs and component connectors enable you to transform the basic disconnect terminal block into one of the two function terminals. Simply unplugging and plugging in allows you to easily replace the plugs/connectors or change the function of the terminals.

The fuse plugs are designed for the use of cartridge fuse-links. The patented component connector allows you to mount components quickly, without the risk of polarity reversal, and without the need for soldering.

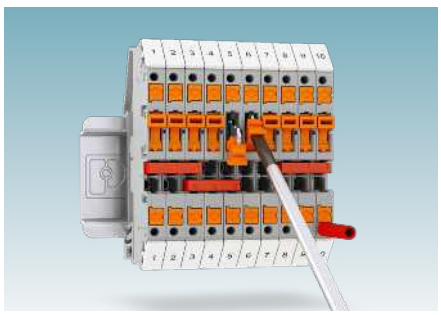
**Feed-through connectors and locking mechanisms**
Using feed-through connectors and locking mechanisms, the basic terminal block can be permanently converted into a feed-through terminal block or a terminal block without feed-through.



Disconnect terminal block with isolating plug, fuse plug, component connector, and feed-through connector

## Knife-disconnect terminal blocks and test-disconnect terminal blocks

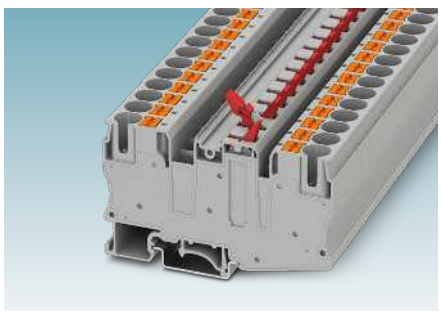
Knife-disconnect terminal blocks and test-disconnect terminal blocks have captive disconnect knives. These knives are actuated with a standard screwdriver and enable the fast disconnection and connection of circuits. These types of terminal blocks are required in order to perform special circuit tests. Test points are integrated into the terminal points for easier testing. The tests can be performed while the conductors are connected. The disconnect knives engage in clearly identifiable end positions. This prevents accidental actuation. Switching locks are available as an option, which completely prevent any actuation of the lever-type disconnect knives.



PTV 2,5-MT knife-disconnect terminal blocks

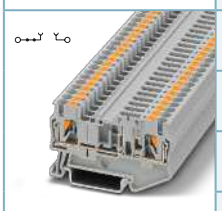
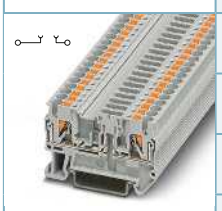
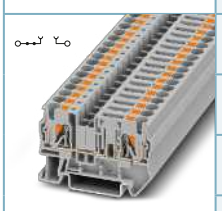
## Lever-type knife-disconnect terminal blocks

Like the knife-disconnect terminal blocks, the lever-type knife-disconnect terminal blocks also have a disconnect knife that can be swiveled. The difference is that the lever-type disconnect knives can also be opened without using a screwdriver. However, for the sake of this convenience, a little more space is required above the terminal blocks.

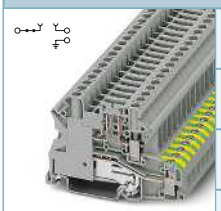
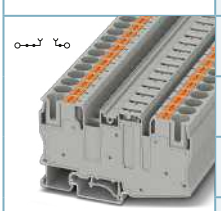


PT 10-MTL lever-type knife-disconnect terminal blocks

# Product overview for disconnect and knife-disconnect terminal blocks

| Basic disconnect terminal blocks (2-conductor) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PT 1,5/S-TG 3210306 | Fast connection | QTC 1,5-TG | 3205145 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 1,5/S-TG BU 3210307 | | | |
| | Current / voltage | 10 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 2,5-TG 3210185 | Push-in connection<br>Screw connection<br>Screw connection<br>Spring-cage connection<br>Fast connection | PTV 2,5-TG<br>UT 2,5-TG<br>UT 2,5-TG-P/P<br>ST 2,5-TG<br>QTC 2,5-TG | 1079065<br>3046388<br>3046391<br>3038435<br>3206490 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 2,5-TGB 3210192 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 16 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTC 2,5-TG 3270088 | Push-in connection | PTVC 2,5-TG | 1079061 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 4-TG 3211922 | Screw connection<br>Screw connection<br>Spring-cage connection | UT 4-TG<br>UT 4-TG-P/P<br>ST 4-TG | 3046142<br>3046168<br>3038367 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 12 | | | |

# Product overview for disconnect and knife-disconnect terminal blocks

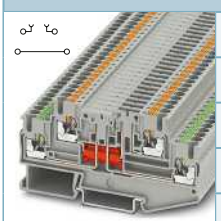
| Basic disconnect terminal blocks (2-conductor) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | UT 4-PE/TG 3070024 | Screw connection | UT 4-PE/TG P/P | 3070037 |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type / Item No. | UT 4-TG-EX 3046143 | Screw connection | UT 4-TG-P/P-EX | 3046169 |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type / Item No. | PT 6-TG 3212163 | Screw connection<br>Screw connection | UT 6-TG<br>UT 6-TG P/P | 3046485<br>3073869 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 10 | | | |
|  | Type / Item No. | UT 6-TG-EX 3046486 | Screw connection | UT 6-TG P/P-EX | 3073870 |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 10 mm² // 24 … 8 | | | |
|  | Type / Item No. | PT 6-T P/P HV 1028589 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 32 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 10 | | | |
|  new | Type / Item No. | PT 10-TG 1080201 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 8 | | | |

# Product overview for disconnect and knife-disconnect terminal blocks

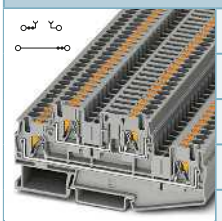
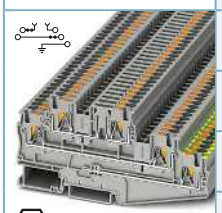
| Basic disconnect terminal blocks (3- and 4-conductor) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PT 1,5/S-TWIN-TG 3210316 | Fast connection | QTC 1,5-TWIN-TG | 3050413 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 1,5/S-TWIN-TG BU 3210315 | | | |
| | Current / voltage | 10 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 2,5-TWIN-TG 3210198 | Spring-cage connection | ST 2,5-TWIN-TG | 3038448 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 2,5-TWIN-TGB 3210193 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 16 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTC 2,5-TWIN-TG 3270091 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | UT 4-TWIN-TG 3046595 | Screw connection | UT 4-TWIN-TG P/P | 3046605 |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UT 4-TWIN-TG BU 3073034 | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type / Item No. | PT 2,5-QUATTRO-TG 3210208 | Spring-cage connection | ST 2,5-QUATTRO-TG | 3038451 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |

# Product overview for disconnect and knife-disconnect terminal blocks

| Basic disconnect terminal blocks (3- and 4-conductor) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PT 2,5-QUATTRO-TGB 3210194 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 16 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTC 2,5-QUATTRO-TG 3270094 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | UT 4-QUATTRO-TG 3064027 | Screw connection | UT 4-QUATTRO-TG P/P | 3064030 |
| | Connection technology | Screw connection | Spring-cage connection | ST 2,5-QUATTRO-TG | 3038451 |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |

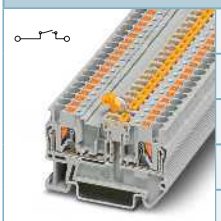
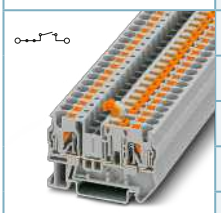
| Basic disconnect terminal blocks (multi-level terminal blocks) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PTT 2,5-L/TG 3210230 | Screw connection | UTTB 2,5-TG-P/P | 3044644 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTT 2,5-L/TG BU 3210270 | | | |
| | Current / voltage | 16 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTTBS 2,5-2TGB 3210402 | Screw connection | UTT 2,5-2TG-P/P | 3044674 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTTBS 2,5-2TGB BU 3210403 | | | |
| | Current / voltage | 16 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |

# Product overview for disconnect and knife-disconnect terminal blocks

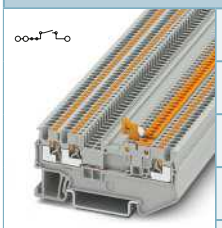
| Basic disconnect terminal blocks (multi-level terminal blocks) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PTTB 4-TG 3211909 | Screw connection<br>Screw connection | UTTB 4-TG<br>UTTB 4-TG P/P | 3044720<br>3044801 |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PTTB 4-TG BU 3211911 | | | |
| | Current / voltage | | 28 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 6 mm² // 24 … 12 | | | |
|  | Type | Item No. | PT 4-PE/L/TG 3002618 | Screw connection | UT 4-PE/L/TG | 3214365 |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 30 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 6 mm² // 24 … 10 | | | |

| Knife-disconnect terminal blocks (2-conductor) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PT 1,5/S-MT 3210301 | Fast connection | QTC 1,5-MT | 3205103 |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PT 1,5/S-MT BU 3210302 | | | |
| | Current / voltage | | 10 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type | Item No. | PT 2,5-MT 3210156 | Push-in connection<br>Screw connection<br>Screw connection<br>Spring-cage connection<br>Spring-cage connection | PTV 2,5-MT<br>UT 2,5-MT<br>UT 2,5-MT-P/P<br>ST 2,5-MT<br>STS 2,5-MT | 1079063<br>3046362<br>3046375<br>3036343<br>3036990 |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PT 2,5-MT BU 3211650 | | | |
| | Current / voltage | | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type | Item No. | PT 2,5-MTB 3210157 | | | |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PT 2,5-MTB BU 3210163 | | | |
| | Current / voltage | | 16 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 14 | | | |

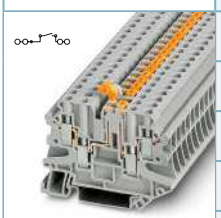
# Product overview for disconnect and knife-disconnect terminal blocks

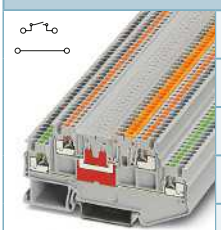
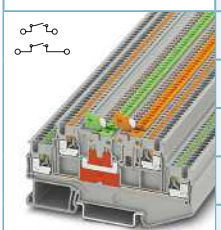
| Knife-disconnect terminal blocks (2-conductor) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PTC 2,5-MT 3270079 | Push-in connection | PTVC 2,5-MT | 1079059 |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PTC 2,5-MT BU 1033785 | | | |
| | Current / voltage | | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type | Item No. | PT 4-MT 3211933 | Push-in connection<br>Screw connection<br>Screw connection | PTV 4-MT<br>UT 4-MT<br>UT 4-MT-P/P | 1088739<br>3046139<br>3046171 |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PT 4-MT BU 3211934 | | | |
| | Current / voltage | | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 6 mm² // 24 … 12 | | | |
|  | Type | Item No. | UT 4-MT-EX 3046141 | Screw connection | UT 4-MT-P/P-EX | 3046173 |
| | Connection technology | | Screw connection | | | |
| | Blue housing version | | UT 4-MT-EX BU 1290815 | | | |
| | Current / voltage | | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type | Item No. | PT 6-MT 3212160 | Screw connection<br>Screw connection | UT 6-MT<br>UT 6-MT P/P | 3064069<br>3064072 |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 10 mm² // 20 … 10 | | | |
|  | Type | Item No. | PT 6-MT P/P HV 1028591 | | | |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 32 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 6 mm² // 20 … 10 | | | |
|  new | Type | Item No. | PT 10-MT 1073992 | | | |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 16 mm² // 20 … 8 | | | |

# Product overview for disconnect and knife-disconnect terminal blocks

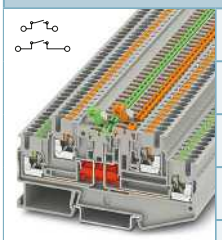
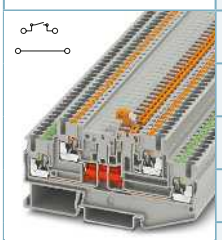
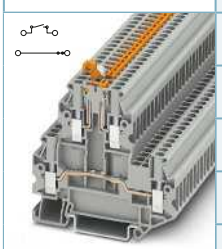
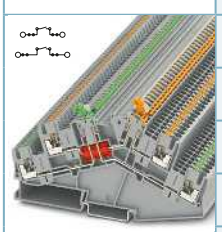
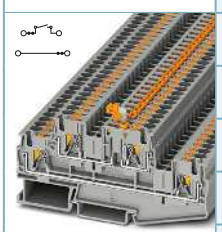
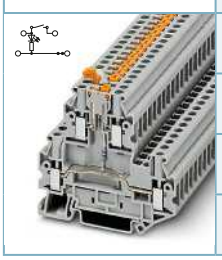
| Knife-disconnect terminal blocks (3- and 4-conductor) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PT 1,5/S-TWIN-MT 3210311 | Fast connection | QTC 1,5-TWIN-MT | 3050407 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 1,5/S-TWIN-MT BU 3210312 | | | |
| | Current / voltage | 10 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 2,5-TWIN-MT 3210169 | Spring-cage connection | ST 2,5-TWIN-MT | 3036356 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 2,5-TWIN-MT BU 3211663 | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 2,5-TWIN-MTB 3210170 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 2,5-TWIN-MTB BU 3210177 | | | |
| | Current / voltage | 16 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTC 2,5-TWIN-MT 3270082 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | UT 4-TWIN-MT 3046003 | Screw connection | UT 4-TWIN-MT P/P | 3064014 |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UT 4-TWIN-MT BU 3073018 | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type / Item No. | PT 1,5/S-QUATTRO-MT 3210321 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 1,5/S-QUATTRO-MT BU 3210322 | | | |
| | Current / voltage | 10 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |

# Product overview for disconnect and knife-disconnect terminal blocks

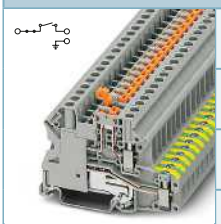
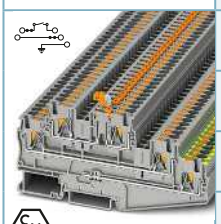
| Knife-disconnect terminal blocks (3- and 4-conductor) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PT 2,5-QUATTRO-MT 3210172 | Spring-cage connection | ST 2,5-QUATTRO-MT | 3036576 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 2,5-QUATTRO-MT BU 3211676 | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 2,5-QUATTRO-MTB 3210184 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 2,5-QUATTRO-MTB BU 3210191 | | | |
| | Current / voltage | 16 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTC 2,5-QUATTRO-MT 3270085 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | UT 4-QUATTRO-MT 3064043 | Screw connection | UT 4-QUATTRO-MT P/P | 3064056 |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UT 4-QUATTRO-MT BU 3073050 | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |

| Knife-disconnect terminal blocks (multi-level terminal blocks) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PTT 1,5/S-L/MT 3210341 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTT 1,5/S-L/MT BU 3210342 | | | |
| | Current / voltage | 9 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTT 1,5/S-2MT 3210351 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTT 1,5/S-2MT BU 3210352 | | | |
| | Current / voltage | 9 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |

# Product overview for disconnect and knife-disconnect terminal blocks

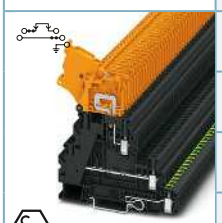
| Knife-disconnect terminal blocks (multi-level terminal blocks) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PTT 2,5-2MT 3210258 | Screw connection<br>Screw connection | UTT 2,5-2MT<br>UTT 2,5-2MT-P/P | 3044679<br>3044670 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTT 2,5-2MT BU 3210265 | | | |
| | Current / voltage | 16 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTT 2,5-L/MT 3210251 | Screw connection | UTTB 2,5-MT-P/P | 3044640 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTT 2,5-L/MT BU 3210257 | | | |
| | Current / voltage | 16 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | UTTB 2,5-MT-P/P 3044640 | | | |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UTTB 2,5-MT-P/P BU 3044641 | | | |
| | Current / voltage | 22 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type / Item No. | PTTBS 2,5-2MTB 3210400 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTTBS 2,5-2MTB BU 3210401 | | | |
| | Current / voltage | 16 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTTB 4-MT 3211913 | Screw connection<br>Screw connection<br>Spring-cage connection | UTTB 4-MT<br>UTTB 4-MT P/P<br>STTBS 4-MT | 3044775<br>3044762<br>3035470 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTTB 4-MT BU 3211915 | | | |
| | Current / voltage | 28 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 12 | | | |
|  | Type / Item No. | UTTB 4-MT P/P LA 24 RD/O-U 3046773 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 30 A / 24 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |

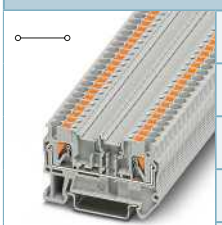
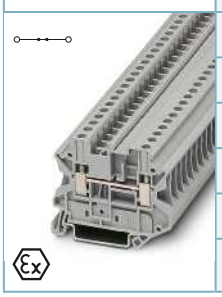
# Product overview for disconnect and knife-disconnect terminal blocks

| Knife-disconnect terminal blocks (multi-level terminal blocks) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | UT 4-PE/MT 3070011 | Screw connection | UT 4-PE/MT P/P | 3046140 |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type / Item No. | PT 4-PE/L/MT 3002617 | Screw connection | UT 4-PE/L/MT | 3214364 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 30 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 10 | | | |

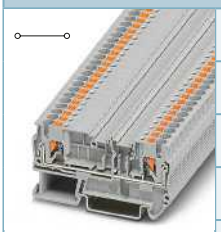
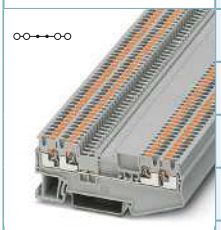
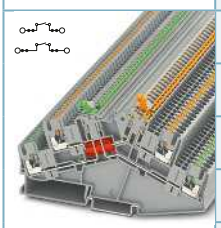
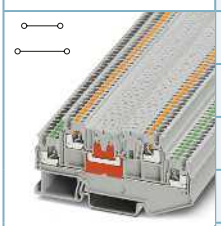
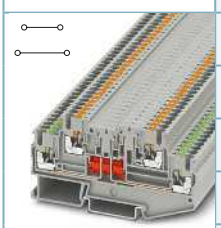
| Lever-type disconnect terminal blocks and lever-type knife-disconnect terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | UT 4-MTL 3046144 | Screw connection | UT 4-MTL-P/P | 3046146 |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type / Item No. | PT 6-MTL KNIFE-RD 1020177 | Screw connection<br>Screw connection | UT 6-MTL<br>UT 6-MTL P/P | 3046145<br>3046147 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 10 | | | |
|  | Type / Item No. | UT 6-MTL P/P 3046147 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 10 mm² // 24 … 8 | | | |
|  | Type / Item No. | PT 10-MTL KNIFE-RD 1076793 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 16 mm² // 20 … 4 | | | |

# Product overview for disconnect and knife-disconnect terminal blocks

| Lever-type disconnect terminal blocks and lever-type knife-disconnect terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | QTC 2,5-HEDI 3206678 | | | |
| | Connection technology | Fast connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 2.5 mm² // 20 … 14 | | | |
|  | Type Item No. | UT 4-HEDI 3046249 | Screw connection<br>Spring-cage connection | UT 4-HEDI-P/P<br>ST 4-HEDI | 3046252<br>3035140 |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UT 4-HEDI BU 3046456 | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type Item No. | UT 4-PE/L/HEDI 3214324 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 28 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |

| Feed-through terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PTC 2,5-MTD 3270106 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTC 2,5-MTD BU 3270109 | | | |
| | Current / voltage | 24 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type Item No. | UT 4-MTD 3046184 | Screw connection<br>Screw connection | UT 2,5-MTD<br>UT 2,5-MTD P/P | 3064085<br>3064098 |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UT 4-MTD BU 3046197 | | | |
| | PE version | UT 4-MTD-PE 3046223 | | | |
| | Current / voltage | 32 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |

# Product overview for disconnect and knife-disconnect terminal blocks

| Feed-through terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PTC 2,5-TWIN-MTD 3270110 | Screw connection | UTT 2,5-2MT | 3044679 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTC 2,5-TWIN-MTD BU 3270111 | | | |
| | Current / voltage | 24 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 1,5/S-QUATTRO-MTD 3210328 | Screw connection | UT 6-MT | 3064069 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PT 1,5/S-QUATTRO-MTD BU 3210329 | | | |
| | Current / voltage | 17.5 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTTBS 2,5-2MTB 3210400 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTTBS 2,5-2MTB BU 3210401 | | | |
| | Current / voltage | 16 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTT 1,5/S-2L 3210356 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTT 1,5/S-2L BU 3210357 | | | |
| | Current / voltage | 9 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTT 2,5-2L 3210267 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTT 2,5-2L BU 3210268 | | | |
| | Current / voltage | 16 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |

CLIPLINE complete

# Fuse and component terminal blocks

Fuse terminal blocks enable you to easily integrate various types of fuses with different nominal currents.

While component terminal blocks enable the quick and easy implementation of LEDs, blocking diodes, and resistors.


## Your advantages

- Comprehensive product range
- Convenient testing with test points on both sides
- Quick identification of faulty fuses, thanks to versions with LED status indicator
- Easily accessible fuse-links are easy to replace

# Information on fuse and component terminal blocks

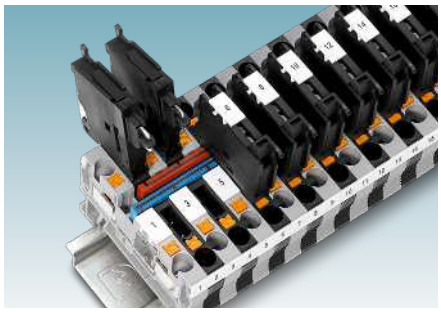
## Fuse terminal blocks

Fuse terminal blocks enable you to easily integrate fuses into your application. With the comprehensive product range, cartridge fuse-links (G type), F type fuse-links, automotive flat-type fuses, and thermal pluggable device circuit breakers can be integrated in just a few steps. Depending on the fuse terminal block, the terminal block versions feature LEDs. This enables the quick identification of faulty fuses regardless of the current direction. The easily accessible fuse-links are easy to replace. In addition, the fuse terminal blocks are the same shape as the feed-through terminal blocks, basic disconnect terminal blocks, and knife-disconnect terminal blocks.

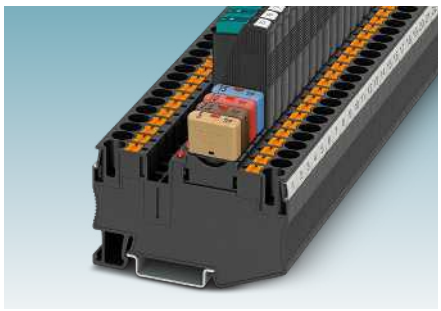
The fuse terminal block portfolio comprises the following terminal block versions:

- Fuse terminal blocks with lever
- Fuse terminal blocks with screw cap
- Fuse terminal blocks for accommodating flat-type fuses

Type 10.3 x 38 mm and 10.3 x 85 mm fuse holders and fuses are available specifically for use in photovoltaics up to a maximum of 1,500 V.



Fuse terminal blocks with fuse holders that can be swiveled



Thermal circuit breakers for overload and short-circuit protection

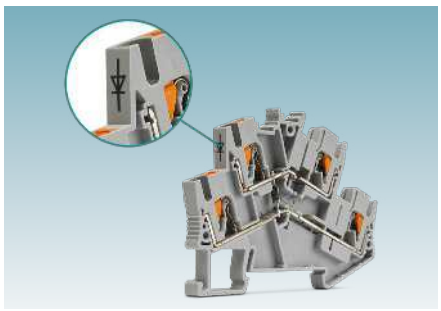
## Component terminal blocks

You can use component terminal blocks in various applications. The terminal blocks satisfy high safety requirements. Installation errors can easily occur, especially when using different components. This is why we include printed circuit diagrams or symbols on our terminal blocks, thereby significantly reducing the risk of wiring errors.
The product range for this family is extremely diverse:

- Component terminal blocks with LED for visualizing operating states in a system
- Component terminal blocks with blocking diodes for protecting components against reverse currents
- Component terminal blocks with resistors
- Single- or multi-level versions

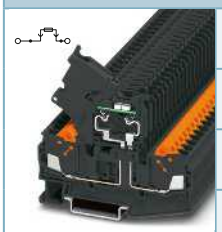
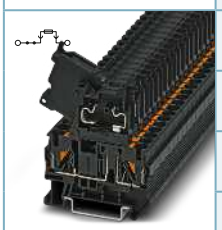
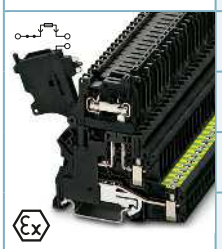
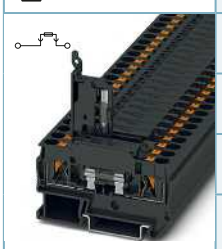
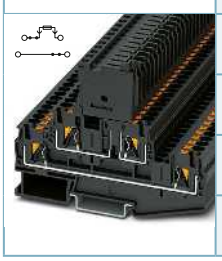
The item designations for component terminal blocks with integrated diodes or components contain the abbreviations R-L or O-U, for example. These abbreviations indicate the flow direction. For example, R-L indicates that the flow direction is from right to left.

PTME 6-DIO/L-R HV component terminal block



PTTBS 2,5-DIO/O-U component terminal block

# Product overview for fuse and component terminal blocks

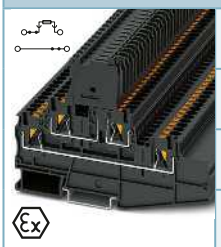
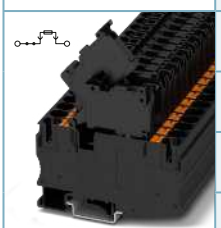
| Lever-type and screw cap fuse terminal blocks (G type) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | QTC 2,5-HESI (5X20) 3050293 | | | |
| | Connection technology | | Fast connection | | | |
| | Current / voltage | | 6.3 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 2.5 mm² // 20 … 14 | | | |
|  | Type | Item No. | PT 4-HESI (5X20) 3211861 | Push-in connection<br>Screw connection<br>Spring-cage connection<br>Spring-cage connection<br>Fast connection | PTV 4-HESI (5X20)<br>UT 4-HESI (5X20)<br>ST 4-HESI (5X20)<br>ST 4-HESI (6,3X32)<br>QTC 2,5-HESI (5X20) | 1088742<br>3046032<br>3036369<br>3036385<br>3050293 |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 6.3 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 4 mm² // 24 … 12 | | | |
|  | Type | Item No. | UT 4-PE/HESI (5X20) 3073995 | | | |
| | Connection technology | | Screw connection | | | |
| | Current / voltage | | 6.3 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type | Item No. | PTC 4-HESI (5X20) 3270200 | | | |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 6.3 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 4 mm² // 24 … 12 | | | |
|  | Type | Item No. | PTTB 4-HESI (5X20) 3211886 | | | |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 28 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 6 mm² // 24 … 12 | | | |

## Important note

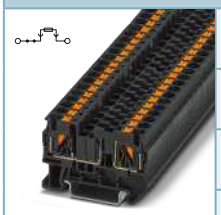
The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

# Product overview for fuse and component terminal blocks

| Lever-type and screw cap fuse terminal blocks (G type) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PT 4-L/HESI (5X20) 3002608 | Screw connection | UT 4-L/HESI (5X20) | 3214325 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 28 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 10 | | | |
|  | Type / Item No. | PT 4-PE/L/HESI (5X20) 3002602 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 28 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 10 | | | |
|  | Type / Item No. | PT 6-HESI (6,3X32) 3211870 | Screw connection | UT 6-HESI (6,3X32) | 3046401 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 10 A / 630 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 10 | | | |
|  | Type / Item No. | PT 10-HESI (6,3X32) 1090617 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 10 A / 630 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 6 | | | |
|  | Type / Item No. | PT 6-DREHSI (5X20) 3025042 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 10 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 10 | | | |

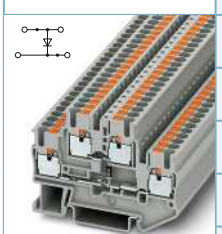
# Product overview for fuse and component terminal blocks

| Lever-type and screw cap fuse terminal blocks (F type) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PT 4-FSI/F 3208943 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 10 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 12 | | | |
|  | Type / Item No. | ST 4-FSI/C 3036372 | | | |
| | Connection technology | Spring-cage connection | | | |
| | Current / voltage | 30 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.08 mm² … 4 mm² // 28 … 12 | | | |
|  | Type / Item No. | PT 6-FSI/C 3212166 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 25 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 10 | | | |
|  new | Type / Item No. | PT 10-FSI/C 1088498 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 30 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 6 | | | |

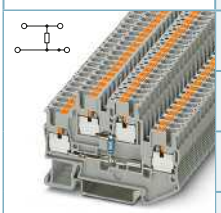
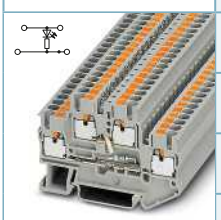
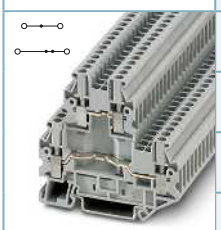
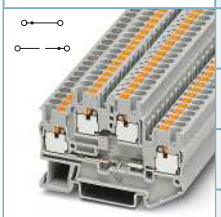
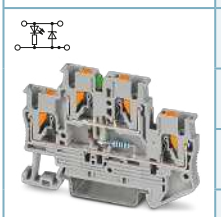
# Product overview for fuse and component terminal blocks

| Lever-type fuse holders for photovoltaics | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PT 10,3-HESI 1000V 3062142 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 1000 V DC | | | |
| | Cross-section range (IEC//AWG) | 1.5 mm² … 16 mm² // 14 … 6 | | | |
|  | Type / Item No. | UK 10,3-HESI 1000V 3211236 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 30 A / 1000 V DC | | | |
| | Cross-section range (IEC//AWG) | 0.75 mm² … 25 mm² // 18 … 3 | | | |
|  | Type / Item No. | UK 10,3-HESI 1000V 3211236 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 30 A / 1000 V DC | | | |
| | Cross-section range (IEC//AWG) | 0.75 mm² … 25 mm² // 18 … 3 | | | |
|  | Type / Item No. | UK 10,3-HESI A 1500V 1069842 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 32 A / 1500 V DC | | | |
| | Cross-section range (IEC//AWG) | 2.5 mm² … 25 mm² // 14 … 4 | | | |

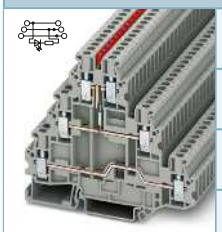
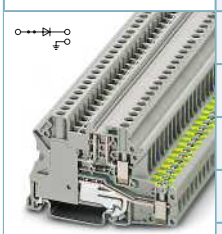
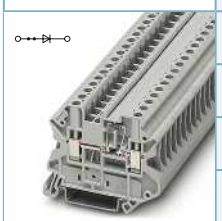
# Product overview for fuse and component terminal blocks

| Component terminal blocks | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | QTTCB 1,5-DIO/O-U 3206241 | | | |
| | Connection technology | | Fast connection | | | |
| | Current / voltage | | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.25 mm² … 1.5 mm² // 24 … 16 | | | |
|  | Type | Item No. | PT 2,5-DIO/R-L 3210237 | Spring-cage connection | ST 2,5-DIO/R-L | 3036518 |
| | Connection technology | | Push-in connection | | | |
| | Connection version | | PT 2,5-DIO/L-R 3210224 | | | |
| | Current / voltage | | 0.5 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type | Item No. | PT 2,5-TWIN-DIO/R-L 3210253 | Spring-cage connection | ST 2,5-TWIN-DIO/R-L | 3036521 |
| | Connection technology | | Push-in connection | | | |
| | Connection version | | PT 2,5-TWIN-DIO/L-R 3210240 | | | |
| | Current / voltage | | 0.5 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type | Item No. | PT 2,5-QUATTRO-DIO/R-L 3210279 | Spring-cage connection | ST 2,5-QUATTRO-DIO/R-L | 3036534 |
| | Connection technology | | Push-in connection | | | |
| | Connection version | | PT 2,5-QUATTRO-DIO/L-R 3210266 | | | |
| | Current / voltage | | 0.5 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type | Item No. | ST 2,5-QUATTRO-DIO 1N 5408K/R-L 3002214 | | | |
| | Connection technology | | Spring-cage connection | | | |
| | Connection version | | ST 2,5-QUATTRO-DIO 1N 5408K/L-R 3002216 | | | |
| | Current / voltage | | 1.5 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type | Item No. | PTTB 2,5-DIO/O-U 3210923 | Screw connection<br>Spring-cage connection | UTTB 2,5-DIO/O-U<br>STTB 2,5-DIO/O-U | 3046650<br>3031555 |
| | Connection technology | | Push-in connection | | | |
| | Connection version | | PTTB 2,5-DIO/U-O 3210936 | | | |
| | Current / voltage | | 0.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 14 | | | |

# Product overview for fuse and component terminal blocks

| Component terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type | PTTB 2,5-2DIO/O-UR/UL-UR 3215041 | Screw connection | UTTB 2,5-2DIO/O-UL/O-UR | 3046689 |
| | Item No. | | Spring-cage connection | STTB 2,5-2DIO/O-UL/O-UR | 3031597 |
| | Connection technology | Push-in connection | | | |
| | Connection version | PTTB 2,5-2DIO/O-UL/UR-UL 3211430 | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type | PTTB 2,5-R499/O-U 3210925 | | | |
| | Item No. | | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type | PTTB 2,5-LA 230 3211472 | Screw connection | UTTB 2,5-LA 230 | 3046715 |
| | Item No. | | Spring-cage connection | STTB 2,5-LA230 | 3031623 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type | UTTB 2,5-BE 3046744 | | | |
| | Item No. | | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 24 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type | PTTB 2,5-2BE 3211480 | | | |
| | Item No. | | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 22 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type | PTTB 2,5-ILA 100 3215042 | | | |
| | Item No. | | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 100 mA / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |

# Product overview for fuse and component terminal blocks

| Component terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | UT 2,5-3L-LA24RD/O-M 3214288 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 19 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type Item No. | STTB 2,5-PT100 MD 3035564 | | | |
| | Connection technology | Spring-cage connection | | | |
| | Current / voltage | 22 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type Item No. | UT 4-PE/L-DIO/L-R P/P 3046834 | | | |
| | Connection technology | Screw connection | | | |
| | Connection version | UT 4-PE/L-DIO/R-L P/P 3046235 | | | |
| | Current / voltage | 0.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type Item No. | UT 4-MTD-DIO/L-R 3046210 | | | |
| | Connection technology | Screw connection | | | |
| | Connection version | UT 4-MTD-DIO/R-L 3046236 | | | |
| | Current / voltage | 0.5 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type Item No. | PT 4-QUATTRO-DIO 1N 5408/L-R 3211919 | | | |
| | Connection technology | Push-in connection | | | |
| | Connection version | PT 4-QUATTRO-DIO 1N 5408/R-L 3211921 | | | |
| | Current / voltage | 1.5 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 12 | | | |
|  | Type Item No. | STME 6-DIO/R-L HV 3035692 | | | |
| | Connection technology | Spring-cage connection | | | |
| | Connection version | STME 6-DIO/L-R HV 3035691 | | | |
| | Current / voltage | 5 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 10 | | | |

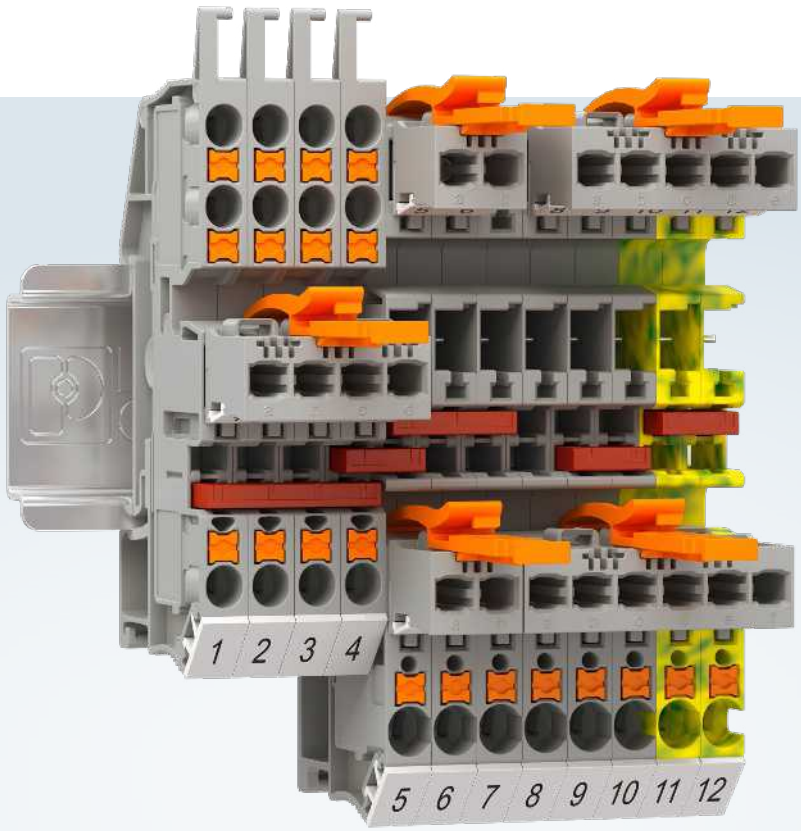
# Product overview for fuse and component terminal blocks

| Component terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PTME 6-BE 3035687 | Spring-cage connection | STME 6-BE | 3035688 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 30 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 6 mm² // 20 … 10 | | | |
|  | Type Item No. | PTME 6-DIO/R-L HV 3035698 | | | |
| | Connection technology | Push-in connection | | | |
| | Connection version | PTME 6-DIO/L-R HV 3035697 | | | |
| | Current / voltage | 5 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 6 mm² // 20 … 10 | | | |

CLIPLINE complete

# Plug-in terminal blocks

The plug-in terminal blocks consist of terminal blocks that have an entirely plug-in design and a special form of hybrid terminal blocks. The hybrid versions have a standardized plug-in zone on one side and Push-in, screw, spring-cage, or fast-connection technology on the other side. Thanks to the contact system, they are also resistant to extreme vibrations. The plug-in terminal blocks save you a lot of time when carrying out signal and power wiring.




## Your advantages

- Powerful plug-in contact enables nominal currents up to 41 A and nominal voltages up to 1,000 V
- Complete flexibility with connectors designed for assembly
- Protection against mismatching, thanks to coding options
- Vibration-resistant, thanks to optional latching accessories

# Information on the plug-in terminal blocks

## Plug-in connection solutions

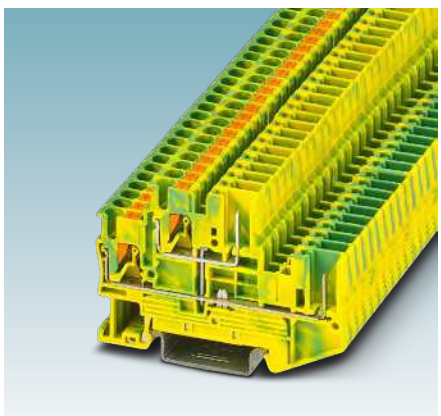
The COMBI connection system enables the time-saving and modular configuration of your application. Like the terminal blocks, the COMBI connectors are available with Push-in, screw, spring-cage, and fast-connection technologies. The nominal data of up to 41 A and 1000 V provides a connection system for signal and power wiring. The system also meets stringent vibration requirements.

Both the terminal blocks and the connectors are touch-proof. A comprehensive range of accessories is available, from latching mechanisms and strain relief to shield connections.

Plug-in contacts with various connection technologies

## Ground terminals

The plug-in terminal blocks often have ground terminals that are the same shape. These terminals have the suffix -PE. The green-yellow terminals conform to standard IEC 60947-7-2 and are connected to the DIN rail by means of a metal PE foot. The connection between the terminal points and the DIN rail is established automatically when the terminals are snapped on.



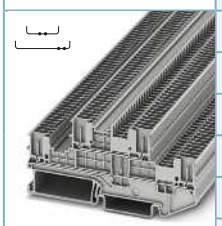
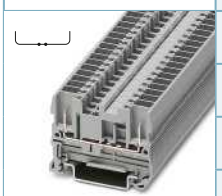
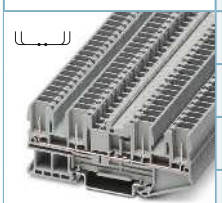
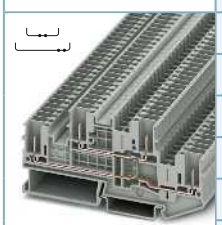
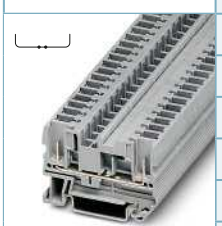
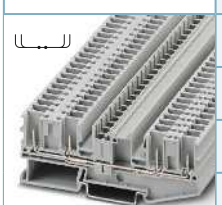
ST 2,5/2P-PE ground terminals

## Important note

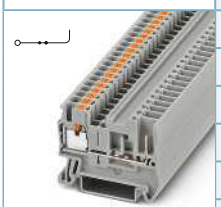
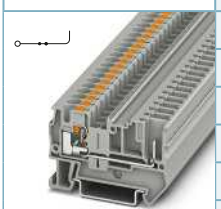
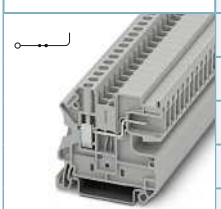
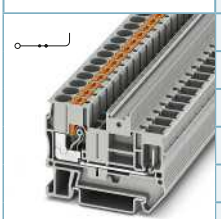
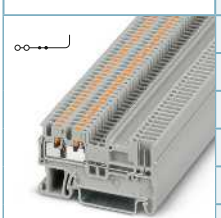
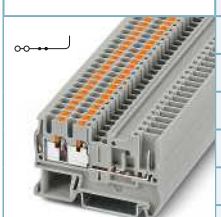
The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

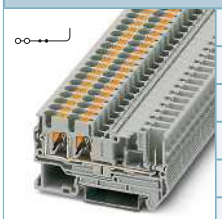
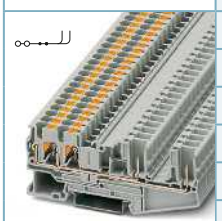
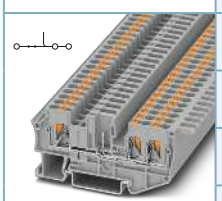
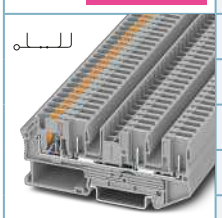
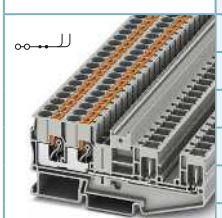
# Product overview for plug-in terminal blocks

| Terminal blocks that can be connected on both sides | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PT 1,5/S/2P 3213784 | | | |
| | Connection technology | | Plug-in connection | | | |
| | Current / voltage | | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type | Item No. | PTTB 1,5/S/4P 3213865 | | | |
| | Connection technology | | Plug-in connection | | | |
| | Blue housing version | | PTTB 1,5/S/4P BU 3213878 | | | |
| | PE version | | PTTB 1,5/S/4P-PE 3213881 | | | |
| | Current / voltage | | 16 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type | Item No. | ST 2,5/2P 3042133 | | | |
| | Connection technology | | Plug-in connection | | | |
| | Current / voltage | | 24 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type | Item No. | ST 2,5-QUATTRO/4P 3042159 | | | |
| | Connection technology | | Plug-in connection | | | |
| | Current / voltage | | 24 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type | Item No. | STTB 2,5/4P 3061486 | | | |
| | Connection technology | | Plug-in connection | | | |
| | Blue housing version | | STTB 2,5/4P BU 3061512 | | | |
| | PE version | | STTB 2,5/4P-PE 3061499 | | | |
| | Current / voltage | | 22 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type | Item No. | ST 4/ 2P 3042735 | | | |
| | Connection technology | | Plug-in connection | | | |
| | Blue housing version | | ST 4/ 2P BU 3043789 | | | |
| | PE version | | ST 4/ 2P-PE 3042748 | | | |
| | Current / voltage | | 32 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 4 mm² // 28 … 12 | | | |
|  | Type | Item No. | ST 4-QUATTRO/4CP 3042736 | | | |
| | Connection technology | | Plug-in connection | | | |
| | Current / voltage | | 32 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 4 mm² // 28 … 12 | | | |

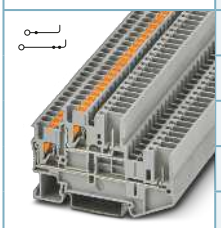
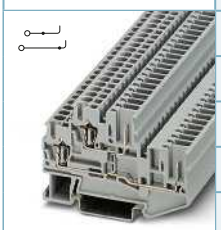
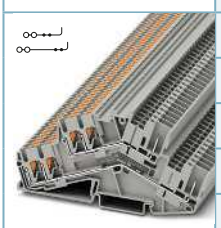
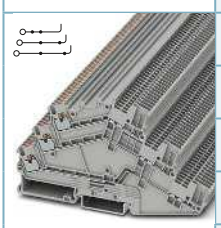
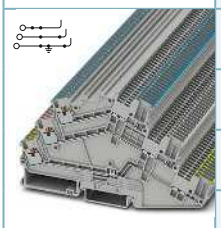
# Product overview for plug-in terminal blocks

| Terminal blocks that can be connected on one side (feed-through and multi-conductor terminal blocks) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PT 1,5/S/1P 3208582 | Push-in plug-in connection | PTS 1,5/S/1P | 3214453 |
| | Connection technology | Push-in / plug-in connection | Fast plug-in connection | QTC 1,5/ 1P | 3050073 |
| | Blue housing version | PT 1,5/S/1P BU 3208595 | | | |
| | PE version | PT 1,5/S/1P-PE 3212332 | | | |
| | Current / voltage | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 2,5/1P 3210033 | Screw plug-in connection | UT 2,5/1P | 3045017 |
| | Connection technology | Push-in / plug-in connection | Spring-cage plug-in connection | ST 2,5/ 1P | 3040012 |
| | Blue housing version | PT 2,5/1P BU 3210046 | | | |
| | PE version | PT 2,5/1P-PE 3210059 | | | |
| | Current / voltage | 24 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 4/1P 3211937 | Screw plug-in connection | UT 4/ 1P | 3045583 |
| | Connection technology | Push-in / plug-in connection | Spring-cage plug-in connection | ST 4/ 1P | 3042719 |
| | Blue housing version | PT 4/1P BU 3212007 | | | |
| | PE version | PT 4/1P-PE 3211942 | | | |
| | Current / voltage | 32 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 12 | | | |
|  | Type / Item No. | UT 4/ 1P-H 3001369 | | | |
| | Connection technology | Screw / plug-in connection | | | |
| | PE version | UT 4/ 1P-H-PE 3001372 | | | |
| | Current / voltage | 32 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type / Item No. | PT 6/1P 3061758 | Screw plug-in connection | UT 6/1P | 3060539 |
| | Connection technology | Push-in / plug-in connection | | | |
| | Blue housing version | PT 6/1P BU 3061761 | | | |
| | PE version | PT 6/1P-PE 3061774 | | | |
| | Current / voltage | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 10 | | | |
|  | Type / Item No. | PT 1,5/S-TWIN/1P 3212358 | Push-in plug-in connection | PTS 1,5/S-TWIN/1P | 3214709 |
| | Connection technology | Push-in / plug-in connection | | | |
| | Blue housing version | PT 1,5/S-TWIN/1P BU 3212361 | | | |
| | PE version | PT 1,5/S-TWIN/1P-PE 3212374 | | | |
| | Current / voltage | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 2,5-TWIN/1P 3209633 | Screw plug-in connection | UT 2,5-TWIN/1P | 3060490 |
| | Connection technology | Push-in / plug-in connection | Spring-cage plug-in connection | ST 2,5-TWIN/ 1P | 3042117 |
| | Blue housing version | PT 2,5-TWIN/1P BU 3209646 | | | |
| | PE version | PT 2,5-TWIN/1P-PE 3209659 | | | |
| | Current / voltage | 24 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |

# Product overview for plug-in terminal blocks

| Terminal blocks that can be connected on one side (feed-through and multi-conductor terminal blocks) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PT 4-TWIN/1P 3212200 | Screw plug-in connection | UT 4-TWIN/ 1P | 3060267 |
| | Connection technology | Push-in / plug-in connection | | | |
| | Blue housing version | PT 4-TWIN/1P BU 3212201 | | | |
| | PE version | PT 4-TWIN/1P-PE 3212202 | | | |
| | Current / voltage | 32 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 12 | | | |
|  | Type / Item No. | PT 1,5/S-QUATTRO/2P 3212390 | | | |
| | Connection technology | Push-in / plug-in connection | | | |
| | Blue housing version | PT 1,5/S-QUATTRO/2P BU 3212400 | | | |
| | PE version | PT 1,5/S-QUATTRO/2P-PE 3212413 | | | |
| | Current / voltage | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 4-QUATTRO/2P 3211991 | Screw plug-in connection<br>Spring-cage plug-in connection | UT 4-QUATTRO/ 2P<br>ST 4-QUATTRO/2P | 3060296<br>3042845 |
| | Connection technology | Push-in / plug-in connection | | | |
| | Blue housing version | PT 4-QUATTRO/2P BU 3212000 | | | |
| | PE version | PT 4-QUATTRO/2P-PE 3211999 | | | |
| | Current / voltage | 32 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 12 | | | |
|  new | Type / Item No. | PT 4/S-QUATTRO/1P 1107578 | | | |
| | Connection technology | Push-in / plug-in connection | | | |
| | Current / voltage | 24 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // … | | | |
|  | Type / Item No. | PT 4-QUATTRO/3CP 1091577 | | | |
| | Connection technology | Push-in / plug-in connection | | | |
| | PE version | PT 4-QUATTRO/3CP-PE 1156663 | | | |
| | Current / voltage | 32 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 4 mm² // … | | | |
|  | Type / Item No. | PT 6-QUATTRO/2P 3061826 | Screw plug-in connection | UT 6-QUATTRO/2P | 3060568 |
| | Connection technology | Push-in / plug-in connection | | | |
| | Blue housing version | PT 6-QUATTRO/2P BU 3061839 | | | |
| | PE version | PT 6-QUATTRO/2P-PE 3061842 | | | |
| | Current / voltage | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 10 | | | |
|  | Type / Item No. | PT 2,5-HEXA/3P 3040044 | | | |
| | Connection technology | Push-in / plug-in connection | | | |
| | Blue housing version | PT 2,5-HEXA/3P BU 3040048 | | | |
| | PE version | PT 2,5-HEXA/3P-PE 3040052 | | | |
| | Current / voltage | 24 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |

# Product overview for plug-in terminal blocks

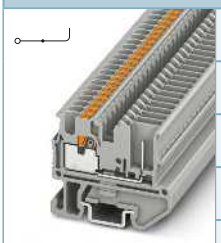
| Terminal blocks that can be connected on one side (double-level and multi-level terminal blocks) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PTTB 1,5/S/2P 3212439 | Push-in plug-in connection | PTTBS 1,5/S/2P | 3214495 |
| | Connection technology | Push-in / plug-in connection | Fast plug-in connection | QTTCB 1,5/ 2P | 3050196 |
| | Blue housing version | PTTB 1,5/S/2P BU 3212442 | | | |
| | PE version | PTTB 1,5/S/2P-PE 3212455 | | | |
| | Current / voltage | 16 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTTB 2,5/2P 3210871 | Push-in plug-in connection | PTTBS 2,5/2P | 3211260 |
| | Connection technology | Push-in / plug-in connection | Screw plug-in connection | UTTB 2,5/2P | 3060351 |
| | Blue housing version | PTTB 2,5/2P BU 3210884 | Spring-cage plug-in connection | STTB 2,5/2P | 3040054 |
| | PE version | PTTB 2,5/2P-PE 3210897 | | | |
| | Current / voltage | 22 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | STTB 2,5/2P SO 3040892 | | | |
| | Connection technology | Spring-cage / plug-in connection | | | |
| | Blue housing version | STTB 2,5/2P BU SO 3040902 | | | |
| | PE version | STTB 2,5/2P-PE SO 3040915 | | | |
| | Current / voltage | 22 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type / Item No. | PTTBS 2,5-TWIN/2P 3210604 | | | |
| | Connection technology | Push-in / plug-in connection | | | |
| | Blue housing version | PTTBS 2,5-TWIN/2P BU 3210605 | | | |
| | PE version | PTTBS 2,5-TWIN/2P-PE 3210606 | | | |
| | Current / voltage | 18 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTS 1,5/S-3L/3P 1027881 | | | |
| | Connection technology | Push-in / plug-in connection | | | |
| | Blue housing version | PTS 1,5/S-3L/3P BU 1027882 | | | |
| | Current / voltage | 15 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTS 1,5/S-PE/L/N/3P 1027886 | Push-in plug-in connection | PTS 1,5/S-3PE/3P | 1027884 |
| | Connection technology | Push-in / plug-in connection | | | |
| | Current / voltage | 15 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |

# Product overview for plug-in terminal blocks

| Terminal blocks that can be connected on one side (double-level and multi-level terminal blocks) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PT 2,5-4L/1P 3012300 | Spring-cage plug-in connection | ST 2,5-4L/1P | 3041985 |
| | Connection technology | Push-in / plug-in connection | | | |
| | Current / voltage | 10 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 2,5-4L/2P 3012310 | Spring-cage plug-in connection | ST 2,5-4L/2P | 3042007 |
| | Connection technology | Push-in / plug-in connection | | | |
| | Current / voltage | 10 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |

| Terminal blocks that can be connected on one side (feed-through and multi-conductor terminal blocks) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | ST 2,5-TWIN-TG/1P 3040847 | | | |
| | Connection technology | Spring-cage / plug-in connection | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type / Item No. | ST 2,5-TWIN-MT/1P 3040766 | | | |
| | Connection technology | Spring-cage / plug-in connection | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |

# Product overview for plug-in terminal blocks

| Terminal blocks that can be connected on one side (miniature terminal blocks) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | MPT 1,5/S/1P 3248115 | | | |
| | Connection technology | Push-in connection | | | |
| | PE version | MPT 1,5/S/1P-PE 3248117 | | | |
| | Current / voltage | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |

| Terminal blocks that can be connected on one side (transformer terminal blocks) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | UTME 4/1P 3057416 | | | |
| | Connection technology | Screw / plug-in connection | | | |
| | Current / voltage | 28 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type / Item No. | UTME 4-CT/1P 3057432 | | | |
| | Connection technology | Screw / plug-in connection | | | |
| | Current / voltage | 28 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type / Item No. | PTME 6/1P 3212306 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 30 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 6 mm² // 20 … 10 | | | |
|  | Type / Item No. | PTME 6-CT/1P 3212300 | | | |
| | Connection technology | Push-in connection | | | |
| | PE version | PTMED 4-PE 3212154 | | | |
| | Current / voltage | 30 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 6 mm² // 20 … 10 | | | |
|  | Type / Item No. | PTMED 6-CT/1P 3212301 | | | |
| | Connection technology | Push-in connection | | | |
| | PE version | PTMED 6-CT/1P-PE 3212302 | | | |
| | Current / voltage | 30 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 6 mm² // 20 … 10 | | | |

CLIPLINE complete

# Installation terminal blocks

The installation terminal blocks facilitate the configuration of building distributors. The particularly low-profile and compact installation terminal blocks are the perfect solution for wiring in distribution boards and flat distribution boards. The installation terminal block product range includes a wide variety of three-level installation terminal blocks and neutral-conductor disconnect terminal blocks, as well as the corresponding feed-through terminal blocks, disconnect terminal blocks, and ground terminals.


## Your advantages

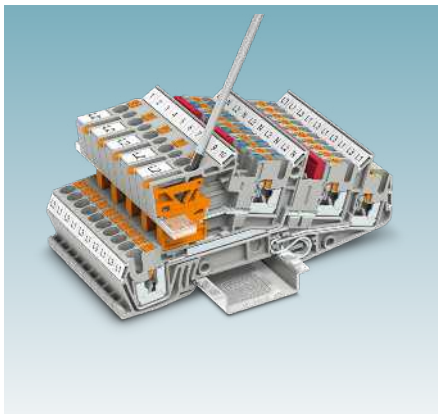
- Intelligent marshalling of three-phase systems with standard plug-in bridges
- Dielectric test without disconnecting the neutral conductor, thanks to the integrated disconnect slide
- Simple feed-in, thanks to the multifunctional brackets
- Easy connection of fieldbus systems

# Information on the installation terminal blocks

## Neutral-conductor disconnect terminal blocks

The neutral-conductor disconnect terminal blocks enable you to quickly and easily implement the contacting of the neutral busbar in just one step. Use a screwdriver to push the orange slider towards the neutral busbar. As soon as you have reached the limit position, the neutral busbar is contacted completely and the contacting is vibration-resistant. To disconnect the terminal blocks, simply push the disconnect slide away from the neutral busbar again; the terminal block and neutral busbar are now disconnected once more.

**Neutral busbar**
The neutral-conductor disconnect terminal blocks and feed-in terminals can be optimally combined with the NLS-CU 3/10 SN. The neutral busbar is 3 mm high and 10 mm wide. In addition, it is made from tinned copper and certified in accordance with standard DIN VDE 0611-4: 1991-02.

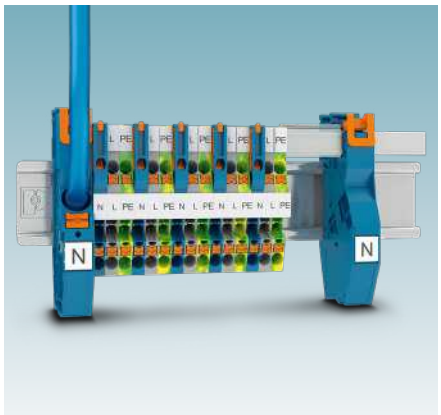


Neutral-conductor disconnect terminal blocks for contacting the neutral busbar

## Feed-in terminals

With the feed-in terminals, you can contact neutral busbars very quickly and conveniently. To do so, simply open the orange lever, insert the neutral busbar, and then close the lever again. You do not need any tools for this process, either during assembly or removal. In addition, very little force is required for installation.

Due to the special design of the feed-in terminals, the terminals also feature an end bracket and support bracket function. This allows you to save space in the usually small distributors. A support bracket of the same shape for the other side of the terminal strip rounds out the terminal block range.

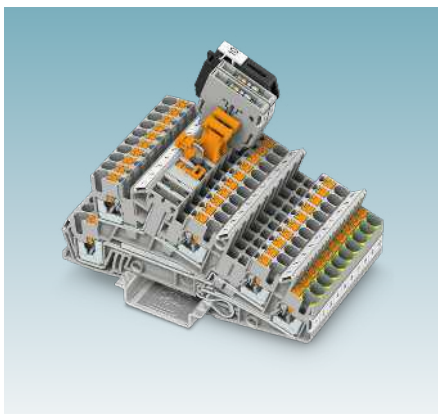



Installation terminal blocks and multifunctional brackets

## Disconnect and knife-disconnect terminal blocks

The disconnect terminal blocks allow you to disconnect individual circuits for various measurements. The terminal blocks are tailored to your specific requirements in electrical installations. Wire the terminal blocks in accordance with DIN VDE 0100-0108, the standard for wiring and connection conditions in distribution boards for public buildings, and the requirements for the shutdown of individual circuits in accordance with DIN VDE 0100-718.

In addition to connecting and disconnecting circuits, the terminal blocks can also be used for other purposes. With the standardized, multifunctional disconnect zone, along with isolating plugs, you can also integrate components such as diodes and resistors, fuse plugs and switching locks, and feed-through connectors.



Disconnect and knife-disconnect terminal blocks

# Information on the installation terminal blocks

## AKG connection terminal blocks

Easily connect your neutral busbar to the protective conductor of the control cabinet using the AKG connection terminal blocks.

AKG connection terminal blocks

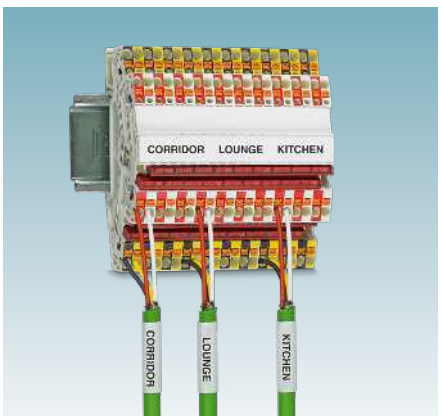
## Trunk line branch terminals

The branch terminals from the UDB series are suitable for the simple voltage pick-off of main supply lines up to 35 mm². They are available in the five current conductor colors, e.g., for three-phase cables.

UDB trunk line branch terminals

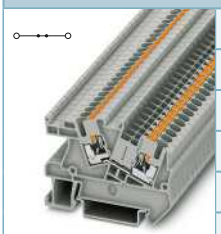
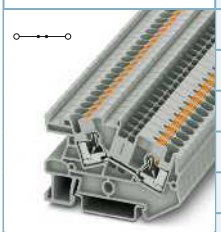
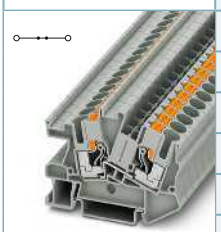
## KNX terminal blocks

KNX is a special fieldbus for applications in building automation. With a KNX bus system, various functions such as lighting, alarm, and climate controllers can be controlled automatically in buildings. Phoenix Contact provides special KNX terminal blocks for this, which allow these systems to be wired quickly and easily. With the double-level terminal blocks, you can implement the wiring of your KNX installation with an overall width of just 3.5 mm per terminal block. To ensure the easy assignment of the wire colors in the distributor, the terminal points in the terminal blocks are color coded to match the respective wire colors. This enables the convenient marshalling of trunk lines and reserve lines of the KNX bus system. Along with this clear arrangement and the compact design, the KNX terminal blocks also allow easy potential transfer with standardized plug-in bridges.




KNX terminal blocks

# Product overview for installation terminal blocks

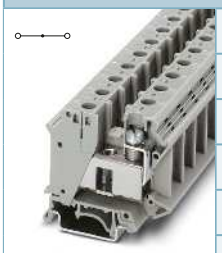
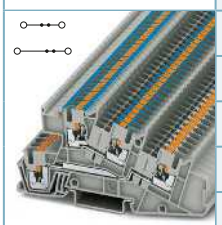
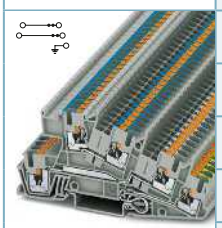
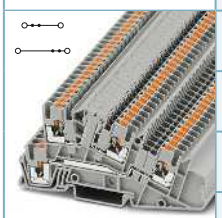
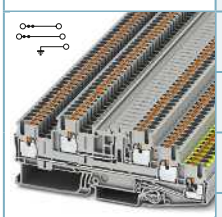
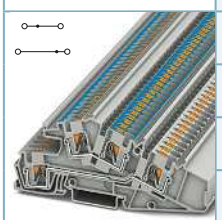
| Feed-through terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PTI 2,5 3213968 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTI 2,5 BU 3213969 | | | |
| | PE version | PTI 2,5-PE 3213962 | | | |
| | Current / voltage | 24 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type Item No. | PTI 2,5-N 3213952 | | | |
| | Connection technology | Push-in connection | | | |
| | Connection version | PTI 2,5-L 3213951 | | | |
| | Current / voltage | 24 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type Item No. | PTI 4 3213970 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTI 4 BU 3213971 | | | |
| | PE version | PTI 4-PE 3213964 | | | |
| | Current / voltage | 32 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 10 | | | |
|  | Type Item No. | PTI 6 3213972 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTI 6 BU 3213973 | | | |
| | PE version | PTI 6-PE 3213966 | | | |
| | Current / voltage | 41 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 10 | | | |
|  | Type Item No. | PTI 16/S 3214029 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTI 16/S BU 3214023 | | | |
| | PE version | PTI 16/S-PE 3214024 | | | |
| | Current / voltage | 76 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 16 mm² // 24 … 4 | | | |

## Important note

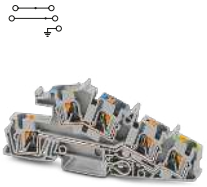
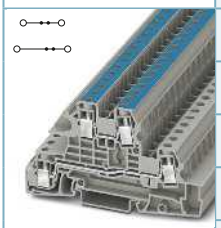
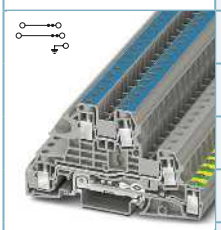
The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

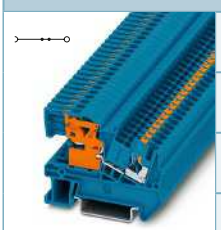
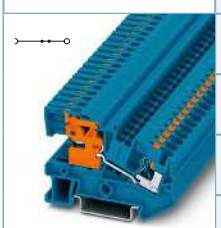
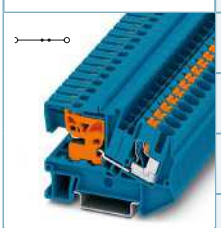
You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

# Product overview for installation terminal blocks

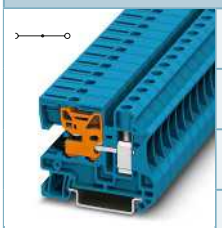
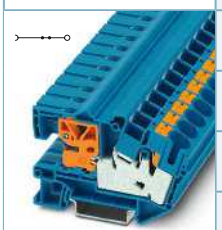
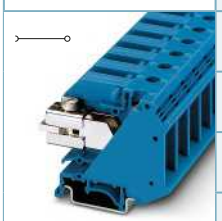
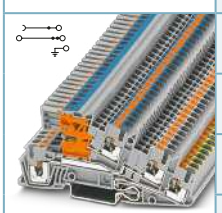
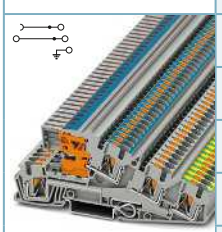
| Feed-through terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | UTI 35 3074088 | | | |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UTI 35 BU 3075731 | | | |
| | PE version | UTI 35-PE 3074091 | | | |
| | Current / voltage | 125 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.75 mm² … 35 mm² // 18 … 2 | | | |
|  | Type Item No. | PTI 2,5-L/N 3213954 | | | |
| | Connection technology | Push-in connection | | | |
| | Connection version | PTI 2,5-L/L 3213953 | | | |
| | Current / voltage | 24 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type Item No. | PTI 2,5-PE/L/N 3213950 | | | |
| | Connection technology | Push-in connection | | | |
| | Connection version | PTI 2,5-PE/L/L 3213949 | | | |
| | Current / voltage | 24 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type Item No. | PTI 2,5-L/LB 3213945 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 24 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type Item No. | PTB 2,5-PE/L/L 3210547 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type Item No. | PTI 4-L/N 3214051 | | | |
| | Connection technology | Push-in connection | | | |
| | Connection version | PTI 4-L/L 3214052 | | | |
| | Current / voltage | 28 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 10 | | | |

# Product overview for installation terminal blocks

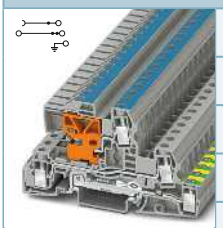
| Feed-through terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PTI 4-PE/L/N 3214049 | | | |
| | Connection technology | Push-in connection | | | |
| | Connection version | PTI 4-PE/L/L 3214050 | | | |
| | Current / voltage | 28 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 10 | | | |
|  | Type Item No. | UTI 6-L/N 3076045 | | | |
| | Connection technology | Screw connection | | | |
| | Connection version | UTI 6-L/L 3076042 | | | |
| | Current / voltage | 38 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 10 mm² // 24 … 8 | | | |
|  | Type Item No. | UTI 6-PE/L/N 3076041 | | | |
| | Connection technology | Screw connection | | | |
| | Connection version | UTI 6-PE/L/L 3076040 | | | |
| | Current / voltage | 38 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 10 mm² // 24 … 8 | | | |

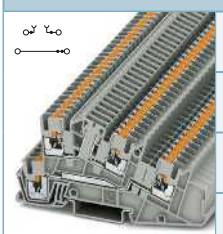
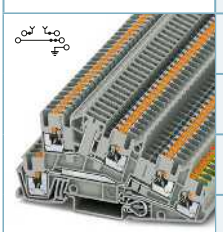
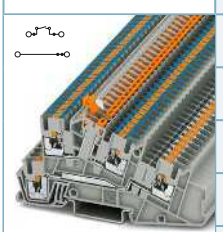
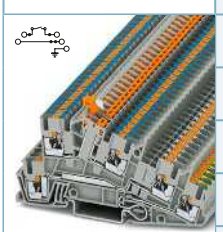
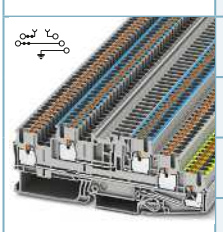
| Neutral-conductor disconnect terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PTN 2,5 3213963 | Screw connection<br>Spring-cage connection | UTN 2,5<br>STN 2,5 | 3245011<br>3031940 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 24 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type Item No. | PTN 4 3213965 | Screw connection<br>Spring-cage connection | UTN 4<br>STN 4 | 3245024<br>3031979 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 32 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 4 mm² // 24 … 12 | | | |
|  | Type Item No. | PTN 6 3213967 | Screw connection | UTN 6 | 3245037 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 41 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 6 mm² // 20 … 10 | | | |

# Product overview for installation terminal blocks

| Neutral-conductor disconnect terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | UTN 10 3245040 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 57 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 16 mm² // 20 … 6 | | | |
|  | Type / Item No. | PTN 16/S 3214025 | Screw connection<br>Spring-cage connection | UTN 16<br>STN 16 | 3245053<br>3038286 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 68 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 16 mm² // 24 … 4 | | | |
|  | Type / Item No. | UTN 35 3245066 | | | |
| | Connection technology | Special and mixed connection | | | |
| | Current / voltage | 110 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.75 mm² … 35 mm² // 18 … 2 | | | |
|  | Type / Item No. | PTI 2,5-L/NT 3213947 | | | |
| | Connection technology | Push-in connection | | | |
| | Connection version | PTI 2,5-L/LT 3213948 | | | |
| | Current / voltage | 24 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type / Item No. | PTI 2,5-PE/L/NT 3213946 | Screw connection<br>Spring-cage connection | UTI 2,5-PE/L/NT<br>STI 2,5-PE/L/NT | 3076028<br>3031827 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 24 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type / Item No. | PTI 4-PE/L/NT 3214047 | Screw connection | UTI 2,5-L/LB | 3076033 |
| | Connection technology | Push-in connection | | | |
| | Connection version | PTI 4-PE/L/LT 3214048 | | | |
| | Current / voltage | 28 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 10 | | | |

# Product overview for installation terminal blocks

| Neutral-conductor disconnect terminal blocks | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | UTI 6-PE/L/NT 3076039 | | | |
| | Connection technology | | Screw connection | | | |
| | Connection version | | UTI 6-PE/L/LT 3076043 | | | |
| | Current / voltage | | 38 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 10 mm² // 24 … 8 | | | |

| Disconnect terminal blocks | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PTI 2,5-L/TG 3213961 | | | |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 24 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type | Item No. | PTI 2,5-PE/L/TG 3213960 | Spring-cage connection | STI 2,5-PE/L/TG | 3039942 |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 24 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type | Item No. | PTI 2,5-L/NTB 3213956 | | | |
| | Connection technology | | Push-in connection | | | |
| | Connection version | | PTI 2,5-L/LTB 3213958 | | | |
| | Current / voltage | | 24 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type | Item No. | PTI 2,5-PE/L/NTB 3213955 | Screw connection<br>Spring-cage connection | UTI 2,5-PE/L/NTB<br>STI 2,5-PE/L/NTB | 3076032<br>3038642 |
| | Connection technology | | Push-in connection | | | |
| | Connection version | | PTI 2,5-PE/L/LTB 3213957 | | | |
| | Current / voltage | | 24 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type | Item No. | PTB 2,5-PE/L/NTG 3210545 | | | |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 22 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 12 | | | |

# Product overview for installation terminal blocks

| Support bracket | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PTI 16-NLS-FI 1030130 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | PTI 16-NLS-FI BU 1030131 | | | |
| | Current / voltage | 70 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 16 mm² // 24 … 4 | | | |

| AKG connection terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | AKG 4 BU 0421016 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 41 A / 300 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 4 mm² // 20 … 12 | | | |
|  | Type Item No. | AKG 4 BK-EX 0421058 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 32 A / 300 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 4 mm² // 20 … 12 | | | |
|  | Type Item No. | AKG 16 GY 0423043 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 76 A / 300 V | | | |
| | Cross-section range (IEC//AWG) | 1.5 mm² … 16 mm² // 16 … 6 | | | |
|  | Type Item No. | AKG 35 BU 0424013 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 125 A / 300 V | | | |
| | Cross-section range (IEC//AWG) | 2.5 mm² … 35 mm² // 14 … 2 | | | |

# Product overview for installation terminal blocks

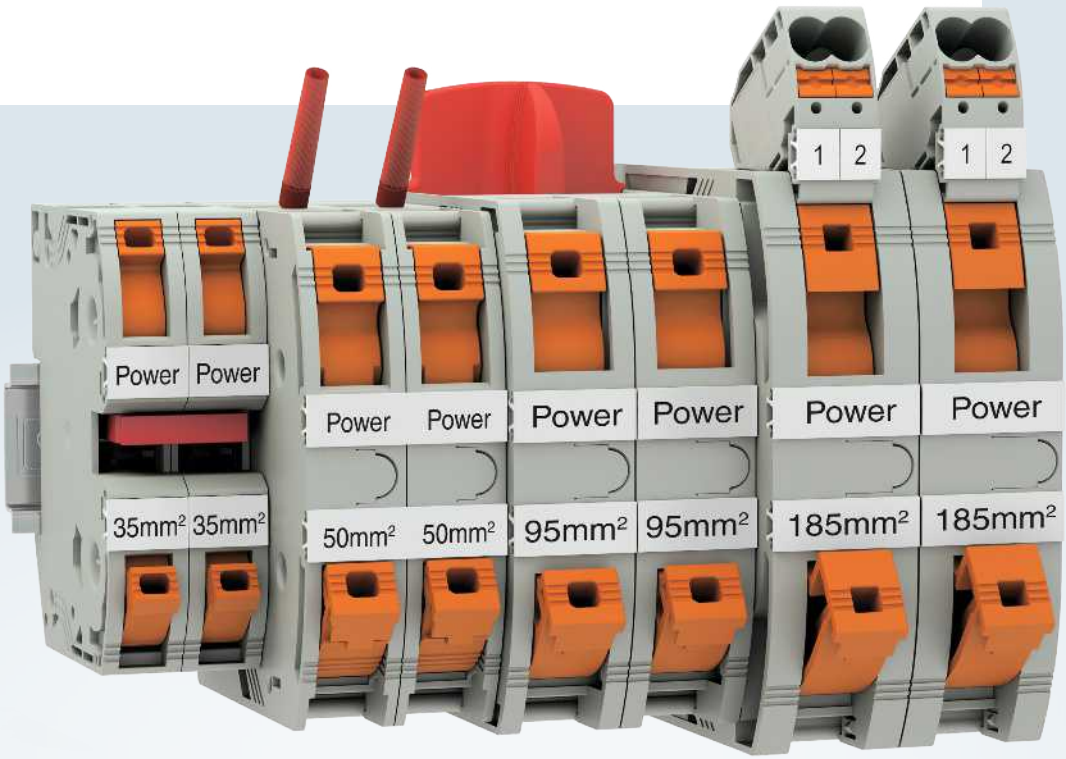
| Trunk line branch terminals | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | UDB 2X25/16 GY 3071355 | | | |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UDB 2X25/16 BU 3071358 | | | |
| | Current / voltage | 101 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 1.5 mm² … 16 mm² // 8 … 3 | | | |
|  | Type Item No. | UDB 2X35/25 GY 3071350 | | | |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UDB 2X35/25 BU 3071353 | | | |
| | Current / voltage | 125 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 10 mm² … 25 mm² // 8 …3 | | | |

| KNX terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PTTBS 1,5/S-KNX 3214663 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 16 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type Item No. | PTTBS 1,5/S WH/U-BK/O-RD 3214662 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 16 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type Item No. | PTTBS 1,5/S WH/U-YE/O-WH 3214661 | | | |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 16 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |

CLIPLINE complete

# High-current terminal blocks

High-current terminal blocks are designed for a nominal voltage of up to 1,500 V. The terminal blocks can be snapped onto a DIN rail or screwed onto the mounting plate by means of direct mounting. Corresponding pick-off terminals and bridges enable easy feed-in and potential distribution.




## Your advantages

- Easy contacting of conductors up to 185 mm² and 1500 V IEC / 1,000 V
- Easy voltage pick-off with snap-on terminal blocks
- Easy potential distribution with special bridges
- Flexible mounting with DIN rail or direct mounting versions

# Information on the high-current terminal blocks

## PTPOWER and UKH block versions

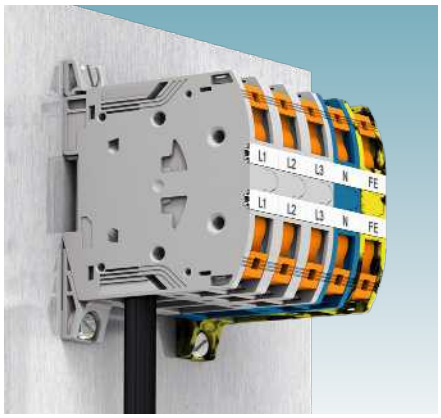
The PTPOWER and UKH terminals can be obtained as individual terminals or as terminal blocks. The terminal blocks are made up of several terminals and are marked as follows:

PTPOWER 35-3 L
PTPOWER 35-3L/N
PTPOWER 35-3L/FE
PTPOWER 35-3L/N/FE

The letters stand for different uses and also define the color of the individual blocks:

L = Gray
N = Blue
FE = Yellow-black

For example, the PTPOWER 35-3L/N/FE terminal block consists of three gray terminals, one blue terminal, and one black-yellow terminal. You will find the block versions in our online shop.



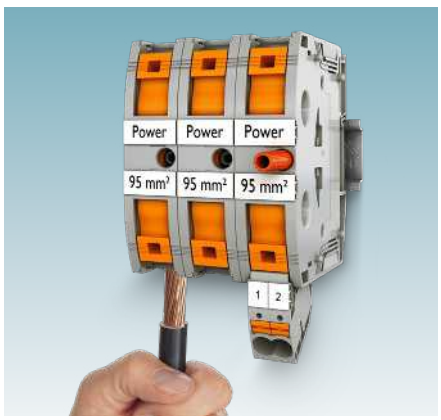

PTPOWER 95 as a block version

## PTPOWER versions with extra test point

In addition to the standard versions, the 50, 95, and 185 mm² PTPOWER terminals include versions that feature an extra test point in the middle of the terminal. The product designations for these versions have the suffix P.

Example:
PTPOWER 185 P
PTPOWER 185 P-F

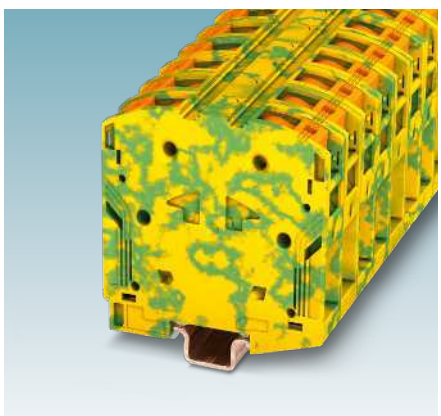
The PTPOWER 35 terminals do not feature this test point, as the 35 mm² versions have two function shafts. These shafts can be used to extend the potential and to facilitate testing.




PTPOWER 95 with test point in the middle

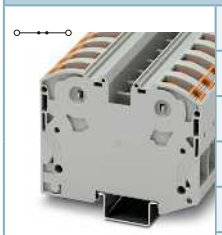
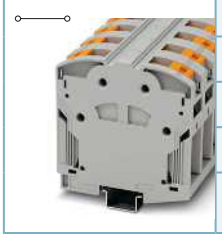
## Ground terminals

The high-current terminal blocks often have PE terminals that are the same shape. These terminals have the suffix -PE. The green-yellow terminals conform to standard IEC 60947-7-2 and are connected to the DIN rail by means of a metal PE foot. The connection between the terminal points and the DIN rail is established automatically when the terminals are snapped on.



PTPOWER 95-PE ground terminal

# Product overview for high-current terminal blocks

| PTPOWER (DIN rail mounting) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PTPOWER 35 3212064 | Power-Turn connection | PTPOWER 35 P | 3212091 |
| | Connection technology | Power-Turn connection | | | |
| | Blue housing version | PTPOWER 35 BU 3212065 | | | |
| | PE version | PTPOWER 35-PE 3212066 | | | |
| | Current / voltage | 125 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 2.5 mm² … 35 mm² // 12 … 2 | | | |
|  | Type / Item No. | PTPOWER 50 3260050 | Power-Turn connection | PTPOWER 50 P | 3260065 |
| | Connection technology | Power-Turn connection | | | |
| | Blue housing version | PTPOWER 50 BU 3260051 | | | |
| | PE version | PTPOWER 50-PE 3260052 | | | |
| | Current / voltage | 150 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 10 mm² … 70 mm² // 8 …2/0 | | | |
|  | Type / Item No. | PTPOWER 95 3260100 | Power-Turn connection | PTPOWER 95 P | 3260163 |
| | Connection technology | Power-Turn connection | | | |
| | Blue housing version | PTPOWER 95 BU 3260103 | | | |
| | PE version | PTPOWER 95-PE 3260106 | | | |
| | Current / voltage | 232 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 25 mm² … 95 mm² // 4 …4/0 | | | |
|  | Type / Item No. | PTPOWER 185 1054722 | Power-Turn connection | PTPOWER 185 P | 1054725 |
| | Connection technology | Power-Turn connection | | | |
| | Blue housing version | PTPOWER 185 BU 1054723 | | | |
| | Current / voltage | 309 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 95 mm² … 185 mm² // 3/0 …350 kcmil | | | |

## Important note

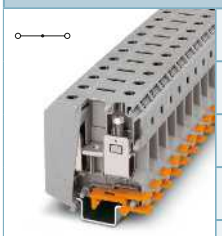
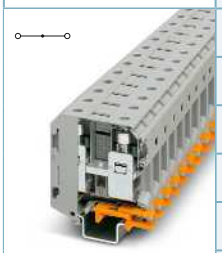
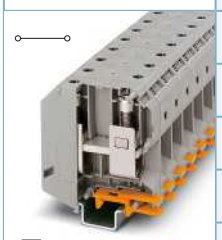
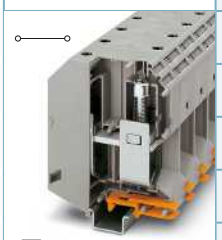
The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

# Product overview for high-current terminal blocks

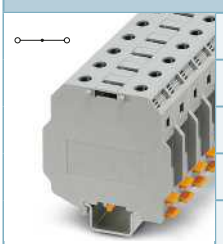
| PTPOWER (flange mounting) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PTPOWER 35-F 3212078 | | | |
| | Connection technology | Power-Turn connection | | | |
| | Blue housing version | PTPOWER 35-F BU 3212079 | | | |
| | Current / voltage | 125 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 2.5 mm² … 35 mm² // 12 … 2 | | | |
|  | Type Item No. | PTPOWER 50-F 3260061 | Power-Turn connection | PTPOWER 50 P-F | 1091232 |
| | Connection technology | Power-Turn connection | | | |
| | Blue housing version | PTPOWER 50-F BU 3260062 | | | |
| | Current / voltage | 150 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 10 mm² … 70 mm² // 8 …2/0 | | | |
|  | Type Item No. | PTPOWER 95-F 3260133 | Power-Turn connection | PTPOWER 95 P-F | 1091239 |
| | Connection technology | Power-Turn connection | | | |
| | Blue housing version | PTPOWER 95-F BU 3260136 | | | |
| | Current / voltage | 232 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 25 mm² … 95 mm² // 4 …4/0 | | | |
|  | Type Item No. | PTPOWER 185 F 1054732 | Power-Turn connection | PTPOWER 185 P-F | 1054739 |
| | Connection technology | Power-Turn connection | | | |
| | Blue housing version | PTPOWER 185 F BU 1054733 | | | |
| | Current / voltage | 309 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 95 mm² … 185 mm² // 3/0 …350 kcmil | | | |

# Product overview for high-current terminal blocks

| UKH (DIN rail mounting) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | UKH 50 | 3009118 | | | |
| | Connection technology | | Screw connection | | | |
| | Blue housing version | | UKH 50 BU | 3009105 | | |
| | Current / voltage | | 150 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 25 mm² … 70 mm² // 3 …2/0 | | | |
|  | Type | Item No. | UKH 70 | 3213140 | | | |
| | Connection technology | | Screw connection | | | |
| | Blue housing version | | UKH 70 BU | 3244601 | | |
| | PE version | | UKH 70-PE/S | 3213141 | | |
| | Current / voltage | | 192 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 25 mm² … 70 mm² // 3 …2/0 | | | |
|  | Type | Item No. | UKH 95 | 3010013 | | | |
| | Connection technology | | Screw connection | | | |
| | Blue housing version | | UKH 95 BU | 3010136 | | |
| | Current / voltage | | 232 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 35 mm² … 95 mm² // 2 …3/0 | | | |
|  | Type | Item No. | UKH 240 | 3010217 | | | |
| | Connection technology | | Screw connection | | | |
| | Blue housing version | | UKH 240 BU | 0711852 | | |
| | Current / voltage | | 415 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 70 mm² … 240 mm² // 2/0 …500 kcmil | | | |

# Product overview for high-current terminal blocks

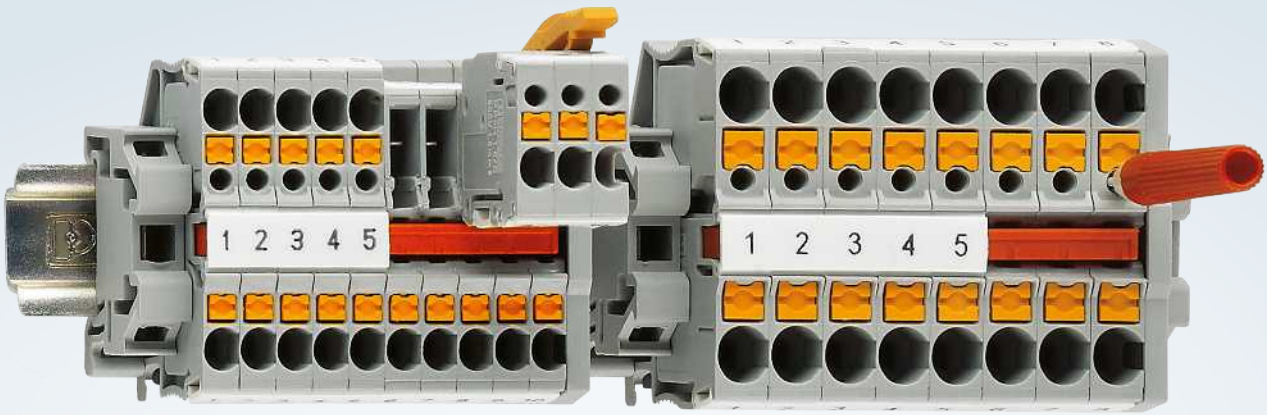
| UKH (flange mounting) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type Item No. | UKH 50-F | 3247019 | | | |
| | Connection technology | Screw connection | | | | |
| | Blue housing version | UKH 50-F BU | 3247062 | | | |
| | Current / voltage | 150 A / 1000 V | | | | |
| | Cross-section range (IEC//AWG) | 25 mm² … 70 mm² // 3 …2/0 | | | | |
|  | Type Item No. | UKH 70-F | 3247051 | | | |
| | Connection technology | Screw connection | | | | |
| | Blue housing version | UKH 70-F BU | 3247063 | | | |
| | Current / voltage | 192 A / 1000 V | | | | |
| | Cross-section range (IEC//AWG) | 25 mm² … 70 mm² // 3 …2/0 | | | | |
|  | Type Item No. | UKH 95-F | 3247022 | | | |
| | Connection technology | Screw connection | | | | |
| | Blue housing version | UKH 95-F BU | 3247064 | | | |
| | Current / voltage | 232 A / 1000 V | | | | |
| | Cross-section range (IEC//AWG) | 35 mm² … 95 mm² // 2 …3/0 | | | | |
|  | Type Item No. | UKH 240-F | 3247048 | | | |
| | Connection technology | Screw connection | | | | |
| | Blue housing version | UKH 240-F BU | 3247066 | | | |
| | Current / voltage | 415 A / 1000 V | | | | |
| | Cross-section range (IEC//AWG) | 70 mm² … 240 mm² // 2/0 …500 kcmil | | | | |

| UKH | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type Item No. | UKH 50 1500V | 3247400 | | | |
| | Connection technology | Screw connection | | | | |
| | Blue housing version | UKH 50 1500V BU | 3247402 | | | |
| | Current / voltage | 150 A / 1500 V DC | | | | |
| | Cross-section range (IEC//AWG) | 25 mm² … 70 mm² // 3 …2/0 | | | | |
|  | Type Item No. | UKH 70/4X10 | 3213142 | | | |
| | Connection technology | Screw connection | | | | |
| | Blue housing version | UKH 70/4X10 BU | 3213143 | | | |
| | PE version | UKH 70/4X10-PE | 3213144 | | | |
| | Current / voltage | 192 A / 1500 V DC | | | | |
| | Cross-section range (IEC//AWG) | 25 mm² … 70 mm² // 3 …2/0 | | | | |

CLIPLINE complete

# Miniature and micro terminal blocks

The miniature and micro terminal blocks accommodate the increasing miniaturization in machine building and switchgear and control cabinet manufacturing. Despite their small size, the terminal blocks use the standardized bridge, marking, and test accessories of the CLIPLINE complete system.




## Your advantages

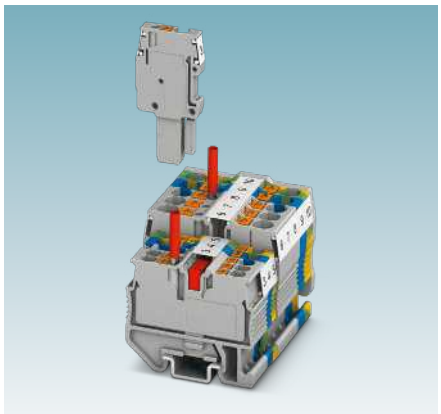
- Space-saving due to the compact design with flexible mounting options
- Easy potential distribution with standard plug-in bridges
- Testing options for all common test probes
- Time-saving and modular layout

# Information on the miniature and micro terminal blocks

## Miniature terminal blocks

The miniature terminal blocks have an overall width of just 3.5 mm and an installed height of 28.1 mm on an NS 15 DIN rail. This makes the mini feed-through terminal blocks ideal for mounting in small control boxes, control panels, or junction boxes. You can install rigid conductors with cross-sections up to 4 mm² with these terminal blocks. The standardized identification covers the function shaft of the small terminal blocks.

The terminal blocks use the familiar plug-in components and accessories of the CLIPLINE complete system.



MPT 2,5 miniature terminal blocks

## Micro terminal blocks

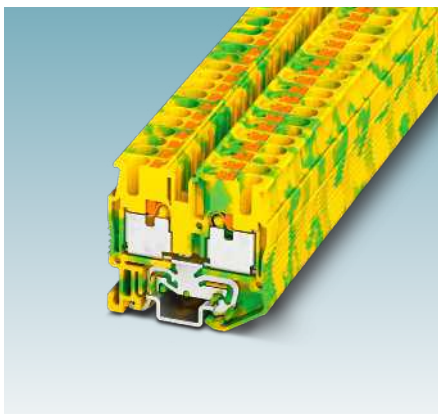
The micro terminal blocks accommodate conductors with a connection capacity of 0.14 to 1.5 mm². The terminal blocks provide a particularly space-saving wiring solution in various mounting types. You can snap the micro terminal blocks onto an NS 15 DIN rail or secure them directly to the mounting wall using securing pins or latching flanges. The individual terminal blocks have an extra test point for servicing and maintenance work.

The micro terminal blocks are also available as compact potential distributor versions with various numbers of positions. The individual terminal points are identified with self-adhesive marking strips.

MP 1,5 micro terminal block

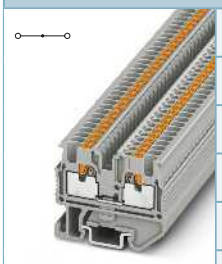
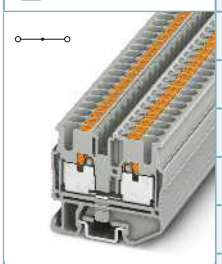
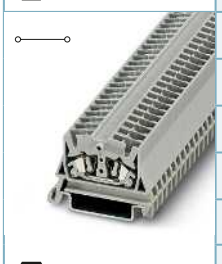
## Ground terminals

The miniature terminal blocks often have PE terminals that are the same shape. These terminals have the suffix -PE. The green-yellow terminals conform to standard IEC 60947-7-2 and are connected to the DIN rail by means of a metal PE foot. The connection between the terminal points and the DIN rail is established automatically when the terminals are snapped on.

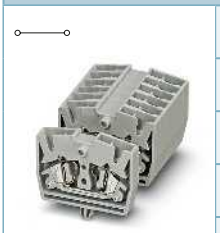
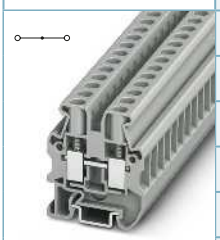


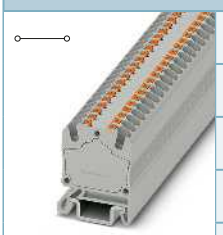
MPT 2,5-PE ground terminal

# Product overview for miniature and micro terminal blocks

| Miniature terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | MPT 1,5/S 3248100 | | | |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | MPT 1,5/S BU 3248101 | | | |
| | PE version | MPT 1,5/S-PE 3248110 | | | |
| | Current / voltage | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type Item No. | MPT 2,5 3248125 | Screw connection | MUT 2,5 | 3248030 |
| | Connection technology | Push-in connection | | | |
| | Blue housing version | MPT 2,5 BU 3248126 | | | |
| | PE version | MPT 2,5-PE 3248130 | | | |
| | Current / voltage | 24 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type Item No. | MSB 2,5 3244012 | | | |
| | Connection technology | Spring-cage connection | | | |
| | Blue housing version | MSB 2,5 BU 3244025 | | | |
| | PE version | MSB 2,5-PE 3244151 | | | |
| | Current / voltage | 24 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type Item No. | MSB 2,5-NS 35 3244119 | | | |
| | Connection technology | Spring-cage connection | | | |
| | Blue housing version | MSB 2,5-NS 35 BU 3244122 | | | |
| | PE version | MSB 2,5-NS 35-PE 3244148 | | | |
| | Current / voltage | 24 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type Item No. | MSB 2,5-M 3244067 | | | |
| | Connection technology | Spring-cage connection | | | |
| | Blue housing version | MSB 2,5-M BU 3244070 | | | |
| | Current / voltage | 24 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type Item No. | MSB 2,5-F 3244041 | | | |
| | Connection technology | Spring-cage connection | | | |
| | Blue housing version | MSB 2,5-F BU 3244054 | | | |
| | Current / voltage | 24 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |

# Product overview for miniature and micro terminal blocks

| Miniature terminal blocks | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | MSB 2,5-RZ 3244164 | | | |
| | Connection technology | | Spring-cage connection | | | |
| | Blue housing version | | MSB 2,5-RZ BU 3244177 | | | |
| | Current / voltage | | 24 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type | Item No. | MUT 4 3248035 | | | |
| | Connection technology | | Screw connection | | | |
| | Blue housing version | | MUT 4 BU 3248036 | | | |
| | PE version | | MUT 4-PE 3248037 | | | |
| | Current / voltage | | 32 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 6 mm² // 24 … 10 | | | |

| Micro terminal blocks | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | MP 1,5 3248150 | | | |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | MP 1,5 BU 3248152 | | | |
| | Current / voltage | | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 16 | | | |

## Important note

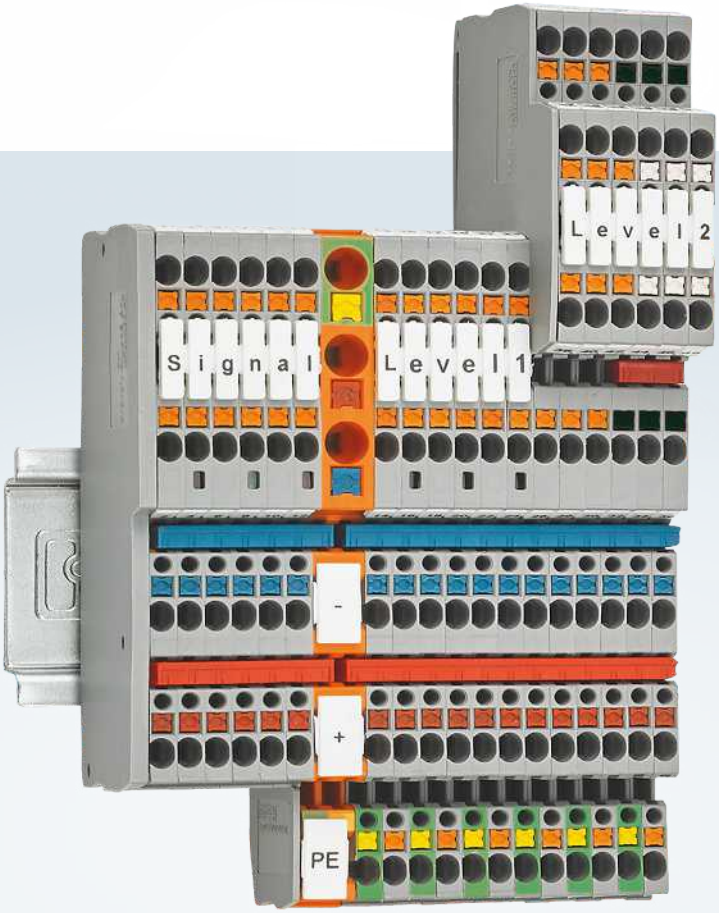
The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

CLIPLINE complete

# Sensor/actuator terminal blocks

Thanks to their compact design, sensor/actuator terminal blocks are tailored to the wiring of modern machine control systems.




## Your advantages

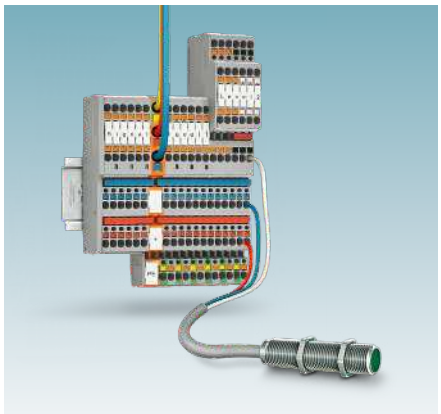
- Space-saving due to versions for bipolar initiators and actuators
- Optimum connection options for 3- or 4-conductor sensors and actuators with a terminal block width of 3.5 mm
- Very clear arrangement, thanks to the wide range of marking options

# Information on the sensor/actuator terminal blocks

## Sensor/actuator terminal blocks

The sensor/actuator terminal blocks are ideal for connecting 3- or 4-conductor sensors and actuators. You can distribute the positive/negative potential with bridges, which reduces wiring effort considerably. In addition to the standard terminal blocks, versions with LED displays are also available. The LED display provides information about the proper connection of the terminal blocks.

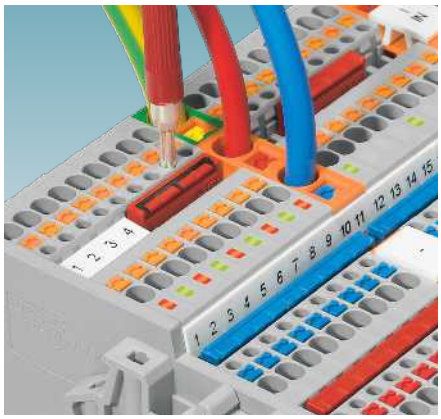
**PTIO 1,5/S/5**
The PTIO 1,5/S/5 terminal block also deserves a special mention. With a terminal block width of just 3.5 mm, it enables the connection of bipolar sensors.



PTIO sensor/actuator terminal blocks

## Feed-in terminals

The initiator and actuator terminal blocks have feed-in terminals that are the same shape. This enables the quick and easy installation of a feed-in at any point on the terminal block, without requiring additional accessories. For easy potential distribution, you can still use the patented plug-in bridges from the CLIPLINE complete system.



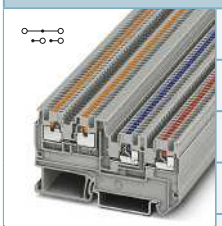
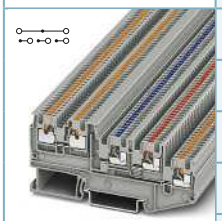
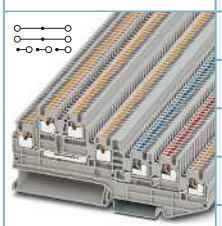
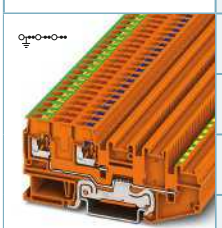
PTIO feed-in terminals

## Important note

The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

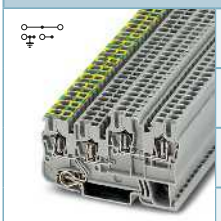
You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

# Product overview for sensor/actuator terminal blocks

| PTIO sensor/actuator terminal blocks and feed-in terminals | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PTIO 1,5/S/3 3244410 | | | |
| | Connection technology | | Push-in connection | | | |
| | PE version | | PTIO 1,5/S/3-PE 3244449 | | | |
| | Current / voltage | | 13.5 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type | Item No. | PTIO 1,5/S/4 3244452 | | | |
| | Connection technology | | Push-in connection | | | |
| | PE version | | PTIO 1,5/S/4-PE 3244465 | | | |
| | Current / voltage | | 13.5 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type | Item No. | PTIO 1,5/S/5 3244470 | | | |
| | Connection technology | | Push-in connection | | | |
| | PE version | | PTIO 1,5/S/5-PE 3244473 | | | |
| | Current / voltage | | 13.5 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 14 | | | |
|  | Type | Item No. | PTIO-IN 2,5/3 OG 3244559 | | | |
| | Connection technology | | Push-in connection | | | |
| | PE version | | PTIO-IN 2,5/3-PE OG 3244560 | | | |
| | Current / voltage | | 20 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type | Item No. | PTIO-IN 2,5/4-PE OG 3244481 | | | |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 20 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |

| STIO sensor/actuator terminal blocks and feed-in terminals | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | STIO 2,5/3-2B/L 3209015 | | | |
| | Connection technology | | Spring-cage connection | | | |
| | Current / voltage | | 18 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |

# Product overview for sensor/actuator terminal blocks

| STIO sensor/actuator terminal blocks and feed-in terminals | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | STIO 2,5/3-PE/B/L 3209044 | | | |
| | Connection technology | | Spring-cage connection | | | |
| | Current / voltage | | 18 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type | Item No. | STIO 2,5/4-3B/L 3209057 | | | |
| | Connection technology | | Spring-cage connection | | | |
| | Current / voltage | | 18 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type | Item No. | STIO 2,5/4-PE/2B/L 3209060 | | | |
| | Connection technology | | Spring-cage connection | | | |
| | Current / voltage | | 18 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type | Item No. | STIO-IN 2,5/3 OG 3209196 | | | |
| | Connection technology | | Spring-cage connection | | | |
| | Current / voltage | | 30 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type | Item No. | STIO-IN 2,5/3-PE OG 3209086 | | | |
| | Connection technology | | Spring-cage connection | | | |
| | Current / voltage | | 30 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type | Item No. | STIO-IN 2,5/4-PE OG 3209109 | | | |
| | Connection technology | | Spring-cage connection | | | |
| | Current / voltage | | 30 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |
|  | Type | Item No. | STIO-IN 2,5/4-PE OG 3209109 | | | |
| | Connection technology | | Spring-cage connection | | | |
| | Current / voltage | | 30 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 2.5 mm² // 28 … 14 | | | |

CLIPLINE complete

# Transformer terminal blocks

The test-disconnect terminal blocks offer a high degree of convenience for all the necessary test circuits in secondary current transformer circuits. The transformer terminal blocks with six universal function shafts provide maximum functionality and flexibility for potential distribution. Plug versions with integrated leading short-circuit contact provide reliable protection for the connected current transformers.


## Your advantages

- Easy and safe operation with integrated disconnect slide
- Clear identification of the switching states
- High degree of functionality with up to six function shafts
- Reliable protection, thanks to plug versions with an integrated leading short-circuit contact

# Information on transformer terminal blocks

## Transformer terminal blocks

When designing the transformer terminal blocks, versions were developed with a single function shaft and with a triple function shaft. The single function shaft provides you with a very compact terminal block, while the triple function shaft offers a high degree of flexibility.
The disconnect slides on the test-disconnect terminal blocks enable you to change switching sates easily and safely. To do this, simply use a standard screwdriver or an operating lever (C-ME) from the product-specific accessories and insert it in the opening of the orange tilting lever. You can now very easily switch the tilting lever to the limit position. There are notches integrated in the limit positions to prevent the switching state from being changed inadvertently. Furthermore, optional switching locks (S-ME) are available as accessories.

In addition to switching locks, other accessories are available for the transformer terminal blocks, such as bridge bars (SB-ME) or short-circuit plugs (KSS).
The bridge bars, plug-in bridges, and short-circuit plugs enable you to easily short circuit your transformer terminal blocks. The bridges can be positioned on both sides of the disconnect point in the bridge shaft and snapped securely in place.
In addition to the disconnect terminal blocks, feed-through terminal blocks and PE terminals of the same shape are also available.

UT transformer terminal blocks

## Ground terminals

The transformer terminal blocks often have PE terminals that are the same shape. These terminals have the suffix -PE. The green-yellow terminals conform to standard IEC 60947-7-2 and are connected to the DIN rail by means of a metal PE foot. The connection between the terminal points and the DIN rail is established automatically when the terminals are snapped on.

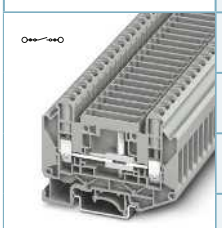
Ground terminal with a metal PE foot

## Important note

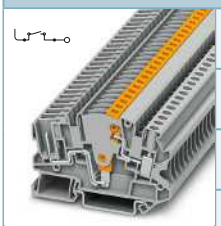
The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

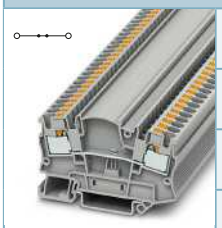
# Product overview for transformer terminal blocks

| Disconnect terminal blocks (2-conductor) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PTME 4 3212139 | Screw connection<br>Screw connection | UTME 4<br>UTME 4-P/P | 3047452<br>3047453 |
| | Connection technology | | Push-in connection | | | |
| | Blue housing version | | PTME 4 BU 3212148 | | | |
| | Current / voltage | | 24 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 4 mm² // 24 … 12 | | | |
|  | Type | Item No. | PTME 6 3212170 | Push-in connection<br>Push-in connection<br>Screw connection<br>Spring-cage connection | PTVME 6/S<br>PTVME 6/S-P<br>UTME 6<br>STME 6 | 1164788<br>1166809<br>3047400<br>3035700 |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 30 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 6 mm² // 20 … 10 | | | |
|  | Type | Item No. | UT 6-T-HV 3070134 | Screw connection | UT 6-T-HV P/P | 3070121 |
| | Connection technology | | Screw connection | | | |
| | Current / voltage | | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 10 mm² // 24 … 8 | | | |
|  | Type | Item No. | UT 6-T/SP 3072815 | | | |
| | Connection technology | | Screw connection | | | |
| | Blue housing version | | UT 6-T/SP BU 3072822 | | | |
| | Current / voltage | | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 10 mm² // 24 … 8 | | | |
|  | Type | Item No. | SRTK 6 3029952 | | | |
| | Connection technology | | Spring-cage connection | | | |
| | Current / voltage | | 41 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 6 mm² // 24 … 10 | | | |
|  | Type | Item No. | STME 6 HV 3035693 | | | |
| | Connection technology | | Spring-cage connection | | | |
| | Current / voltage | | 30 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 6 mm² // 24 … 10 | | | |

# Product overview for transformer terminal blocks

| Disconnect terminal blocks (plug-in) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | UTME 4/1P 3057416 | | | |
| | Connection technology | | Screw / plug-in connection | | | |
| | Current / voltage | | 28 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 6 mm² // 26 … 10 | | | |
|  | Type | Item No. | UTME 4-CT/1P 3057432 | | | |
| | Connection technology | | Screw / plug-in connection | | | |
| | Current / voltage | | 28 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 4 mm² // 26 … 12 | | | |
|  | Type | Item No. | PTME 6/1P 3212306 | | | |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 30 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 6 mm² // 20 … 10 | | | |
|  | Type | Item No. | PTME 6-CT/1P 3212300 | | | |
| | Connection technology | | Push-in connection | | | |
| | PE version | | PTMED 4-PE 3212154 | | | |
| | Current / voltage | | 30 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 6 mm² // 20 … 10 | | | |

# Product overview for transformer terminal blocks

| Feed-through terminal blocks (2-conductor) | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PTMED 4 3212141 | | | |
| | Connection technology | | Push-in connection | | | |
| | Current / voltage | | 32 A / 500 V | | UTMED 4 | 3047465 |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 4 mm² // 24 … 12 | | | |
|  | Type | Item No. | PTMED 6 3212183 | | | |
| | Connection technology | | Push-in connection | | | |
| | PE version | | PTMED 6-PE 3212196 | Screw connection<br>Spring-cage connection | UTMED 6<br>STMED 6 | 3047413<br>3035713 |
| | Current / voltage | | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 6 mm² // 20 … 10 | | | |
|  | Type | Item No. | PTMED 6-CT/1P 3212301 | | | |
| | Connection technology | | Push-in connection | | | |
| | PE version | | PTMED 6-CT/1P-PE 3212302 | | | |
| | Current / voltage | | 30 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 6 mm² // 20 … 10 | | | |

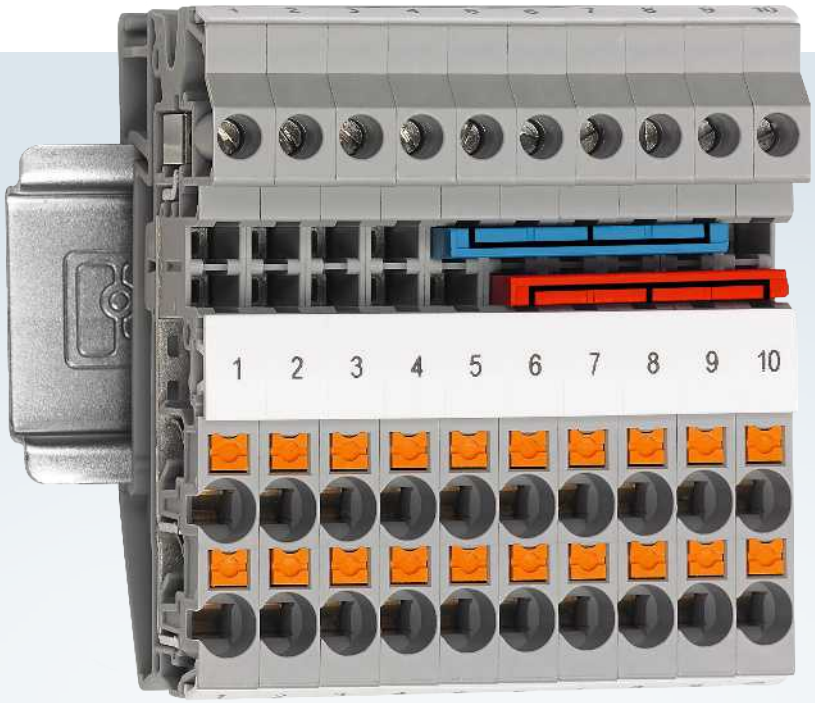
# Product overview for transformer terminal blocks

| Feed-through terminal blocks (2-conductor bolt terminal blocks) | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | RT 4-T-P/P 3000565 | | | |
| | Connection technology | Bolt connection | | | |
| | Current / voltage | 41 A / 500 V | | | |
| | Bolt diameter | 4 mm | | | |
| | Cross-section of cable lug connection | 0.1 mm² ... 6 mm² | | | |
|  | Type Item No. | RTO 4-T-TC 3000558 | | | |
| | Connection technology | Bolt connection | | | |
| | Current / voltage | 41 A / 500 V | | | |
| | Bolt diameter | 4 mm | | | |
| | Cross-section of cable lug connection | 0.5 mm² ... 6 mm² | | | |
|  | Type Item No. | RT 5-T 3049039 | | | |
| | Connection technology | Bolt connection | | | |
| | Current / voltage | 41 A / 1000 V | | | |
| | Bolt diameter | 5 mm | | | |
| | Cross-section of cable lug connection | 0.5 mm² ... 6 mm² | | | |
|  | Type Item No. | RTO 5-T 3049233 | | | |
| | Connection technology | Bolt connection | | | |
| | Current / voltage | 41 A / 1000 V | | | |
| | Bolt diameter | 5 mm | | | |
| | Cross-section of cable lug connection | 0.5 mm² ... 6 mm² | | | |

CLIPLINE complete

# Hybrid terminal blocks

Hybrid terminal blocks are terminal blocks that have different connection technologies on the control cabinet side and the field connection side. The terminal blocks thus meet the requirements for the wiring inside the control cabinet and the external field wiring. The hybrid terminal blocks include various function terminals such as feed-through terminal blocks, disconnect terminal blocks, test-disconnect terminal blocks, and potential distributor terminals.



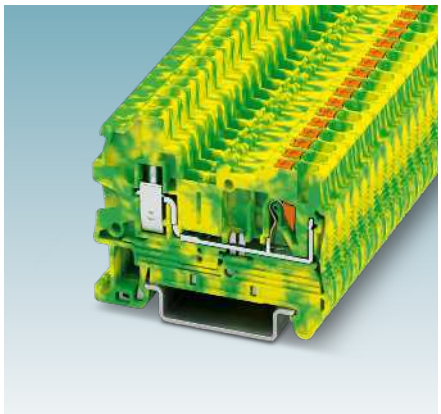

## Your advantages

- ☑ Meet requirements for internal and external wiring at the same time, thanks to different connection methods in a single terminal block
- ☑ Free choice of connection technology, thanks to combination options
- ☑ Space-saving due to the compact design

# Product overview for hybrid terminal blocks

## Ground terminals

The hybrid terminal blocks often have PE terminals that are the same shape. These terminals have the suffix -PE. The green-yellow terminals conform to standard IEC 60947-7-2 and are connected to the DIN rail by means of a metal PE foot. The connection between the terminal points and the DIN rail is established automatically when the terminals are snapped on.



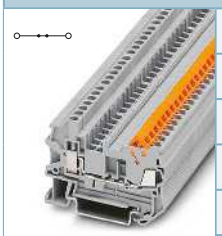
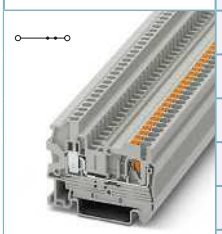
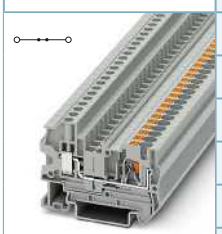
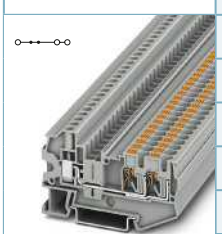
Ground terminal with a metal PE foot

## Important note

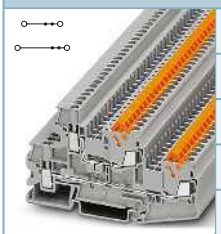
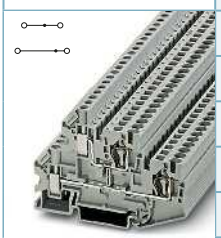
The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

# Product overview for hybrid terminal blocks

| Feed-through terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | QTCU 1,5 / 3050015 | Fast connection | QTCS 1,5 | 3050138 |
| | Connection technology | Fast connection / screw connection | | | |
| | Blue housing version | QTCU 1,5 BU / 3050028 | | | |
| | PE version | QTCU 1,5-PE / 3050031 | | | |
| | Current / voltage | 17.5 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.25 mm² … 1.5 mm² // 24 … 16 | | | |
|  | Type / Item No. | PTU 2,5 / 3209519 | Fast connection<br>Fast connection | QTCU 2,5<br>QTCS 2,5 | 3206539<br>3206500 |
| | Connection technology | Push-in connection / screw connection | | | |
| | Blue housing version | PTU 2,5 BU / 3209520 | | | |
| | PE version | PTU 2,5-PE / 3209521 | | | |
| | Current / voltage | 24 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTU 4 / 3211855 | | | |
| | Connection technology | Push-in connection / screw connection | | | |
| | Blue housing version | PTU 4 BU / 3211856 | | | |
| | PE version | PTU 4-PE / 3211857 | | | |
| | Current / voltage | 32 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 4 mm² // 24 … 12 | | | |
|  | Type / Item No. | QTCU 1,5-TWIN / 3050044 | | | |
| | Connection technology | Fast connection / screw connection | | | |
| | Blue housing version | QTCU 1,5-TWIN BU / 3050057 | | | |
| | PE version | QTCU 1,5-TWIN-PE / 3050060 | | | |
| | Current / voltage | 17.5 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.25 mm² … 1.5 mm² // 24 … 16 | | | |
|  | Type / Item No. | PTU 2,5-TWIN / 3209515 | Spring-cage connection<br>Fast connection<br>Fast connection | STU 2,5-TWIN<br>QTCU 2,5-TWIN<br>QTCS 2,5-TWIN | 3033016<br>3050303<br>3050332 |
| | Connection technology | Push-in connection / screw connection | | | |
| | Blue housing version | PTU 2,5-TWIN BU / 3209516 | | | |
| | PE version | PTU 2,5-TWIN-PE / 3209517 | | | |
| | Current / voltage | 24 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 2.5 mm² // 26 … 14 | | | |
|  | Type / Item No. | PTU 4-TWIN / 3211859 | Spring-cage connection | STU 4-TWIN | 3033058 |
| | Connection technology | Push-in connection / screw connection | | | |
| | Blue housing version | PTU 4-TWIN BU / 3211860 | | | |
| | PE version | PTU 4-TWIN-PE / 3211862 | | | |
| | Current / voltage | 32 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 4 mm² // 24 … 12 | | | |

# Product overview for hybrid terminal blocks

| Multi-level terminal blocks | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | QTTCBU 1,5 3050264 | Fast connection | QTTCBS 1,5 | 3050222 |
| | Connection technology | | Fast connection / screw connection | | | |
| | Blue housing version | | QTTCBU 1,5 BU 3050280 | | | |
| | PE version | | QTTCBU 1,5-PE 3050277 | | | |
| | Current / voltage | | 17.5 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.25 mm² … 1.5 mm² // 24 … 16 | | | |
|  | Type | Item No. | STTBU 4 3033155 | | | |
| | Connection technology | | Spring-cage connection / screw connection | | | |
| | Blue housing version | | STTBU 4 BU 3033168 | | | |
| | PE version | | STTBU 4-PE 3033171 | | | |
| | Current / voltage | | 30 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.08 mm² … 4 mm² // 28 … 12 | | | |

| Knife-disconnect terminal blocks | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | PTU 4-MT 3209538 | | | |
| | Connection technology | | Push-in connection / screw connection | | | |
| | Current / voltage | | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 4 mm² // 24 … 12 | | | |
|  | Type | Item No. | QTCU 2,5-TWIN-MT 3050304 | | | |
| | Connection technology | | Fast connection / screw connection | | | |
| | Blue housing version | | QTCU 2,5-TWIN-MT BU 3050317 | | | |
| | Current / voltage | | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 2.5 mm² // 20 … 14 | | | |
|  new | Type | Item No. | PTU 4-TWIN-MT 1157696 | | | |
| | Connection technology | | Push-in connection / screw connection | | | |
| | Current / voltage | | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | | 0.2 mm² … 6 mm² // 24 … 12 | | | |

# Product overview for hybrid terminal blocks

| Disconnect terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PTU 4-TG 3209542 | | | |
| | Connection technology | Push-in connection / screw connection | | | |
| | Current / voltage | 20 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 4 mm² // 24 … 12 | | | |
|  new | Type Item No. | PTU 4-TWIN-TG 1157682 | | | |
| | Connection technology | Push-in connection / screw connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 12 | | | |

| Transformer terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | PTU 6-T 3209535 | | | |
| | Connection technology | Push-in connection / screw connection | | | |
| | Current / voltage | 41 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 6 mm² // 20 … 10 | | | |
|  | Type Item No. | PTUD 6 3209531 | | | |
| | Connection technology | Push-in connection / screw connection | | | |
| | Current / voltage | 41 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 6 mm² // 20 … 10 | | | |

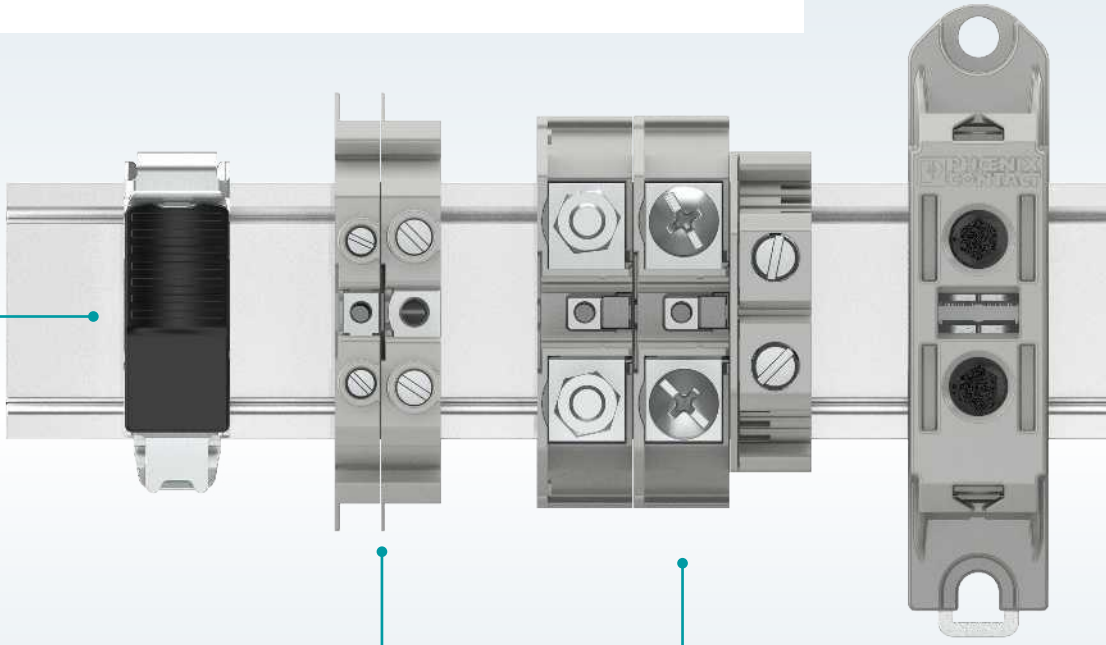
# Product overview for hybrid terminal blocks

| Potential collective terminals | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | STU 10/ 4X2,5 3033139 | | | |
| | Connection technology | | Screw connection / spring-cage connection | | | |
| | Blue housing version | | STU 10/ 4X2,5 BU 3033142 | | | |
| | Current / voltage | | 55 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 16 mm² // 20 … 6 | | | |
|  | Type | Item No. | PTU 35/4X6/6X2,5 3214080 | | | |
| | Connection technology | | Screw connection / Push-in connection | | | |
| | Blue housing version | | PTU 35/4X6/6X2,5 BU 3214081 | | | |
| | Current / voltage | | 105 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 1.5 mm² … 50 mm² // 16 …1/0 | | | |
|  | Type | Item No. | PTU 35/4X10 3002371 | | | |
| | Connection technology | | Screw connection / Push-in connection | | | |
| | Blue housing version | | PTU 35/4X10 BU 3002370 | | | |
| | Current / voltage | | 101 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 1.5 mm² … 35 mm² // 16 … 2 | | | |

# Terminal blocks for special fields of application

2

The classic terminal blocks are not part of a uniform terminal block system. This group of terminal blocks is made up of different terminal block versions and represents all the terminal blocks that do not belong to the CLIPLINE complete terminal block system. In addition to special high-current terminal blocks and high-current connectors, the large product portfolio also includes shield clamps and terminal blocks for aluminum conductors.



## Shield clamps

Shield clamps protect your systems against electromagnetic interference. This interference can lead to malfunctions or even failure of entire systems.

More information starting on page 134

## Spring-assisted screw terminal blocks

When combined with hook-type cable lugs, the spring-assisted screw terminal blocks meet the technical requirements of ENATS 50-18.

More information starting on page 106

## High-current terminal blocks with bolt connection

The high-current terminal blocks are designed for very high currents and voltages.

More information starting on page 114

## Screw terminal blocks for aluminum conductors

A lead-free tin coating on the clamping parts and screws enables the connection of aluminum and copper conductors.

More information starting on page 112

## Screw terminal blocks for sensors and actuators

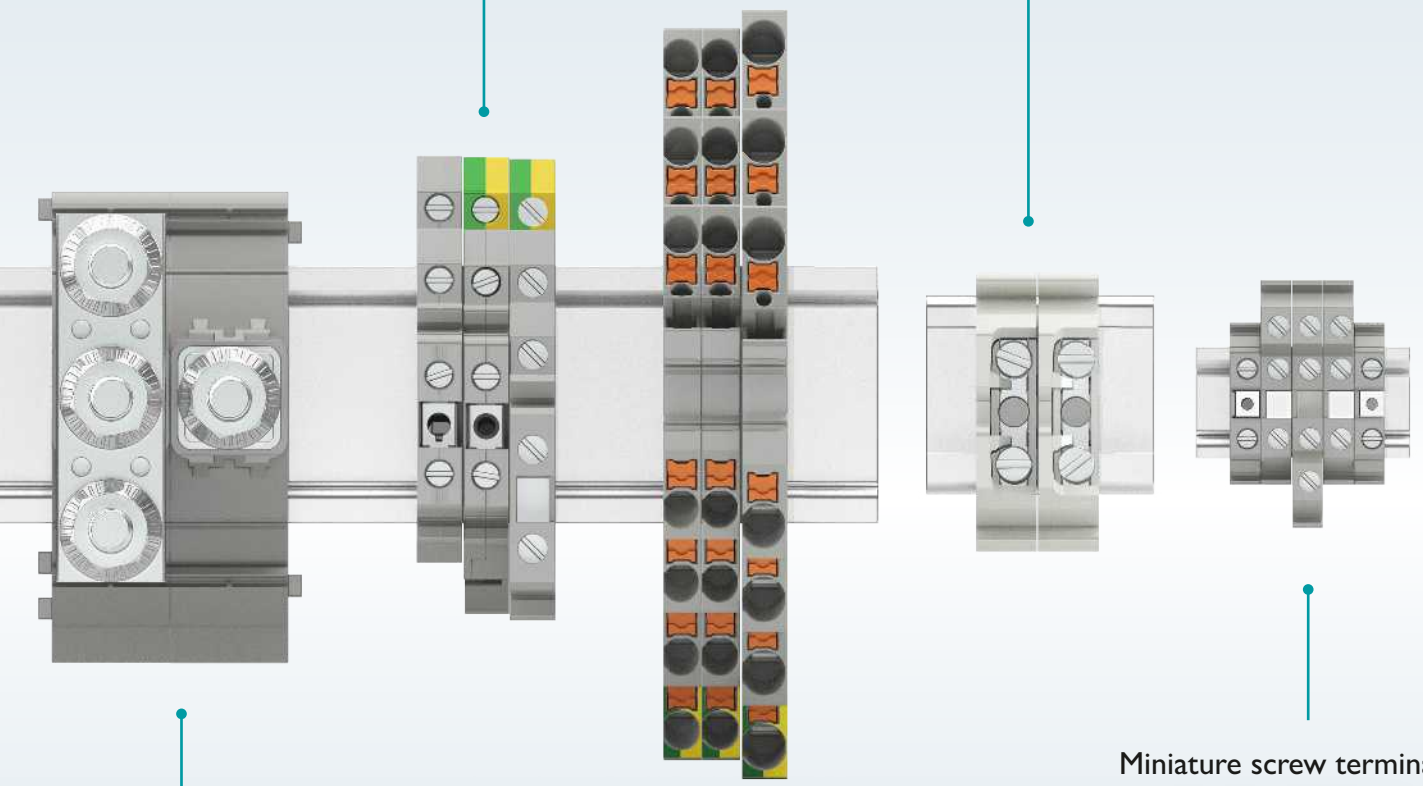
The sensor/actuator terminal blocks enable the easy wiring of initiators and actuators.

More information starting on page 128

## High-temperature terminal blocks

The ceramic terminal blocks are suitable for long-term use at high temperatures up to 220°C.

More information starting on page 110



## High-current connectors

The product family of high-current connectors combines the advantages of bolt connection technology and screw connection technology.

More information starting on page 114

## Motor terminals

The motor terminals enable the space-saving wiring of three-phase motors with a terminal block width of 5.2 or 6.2 mm.

More information starting on page 104

## Miniature screw terminal blocks

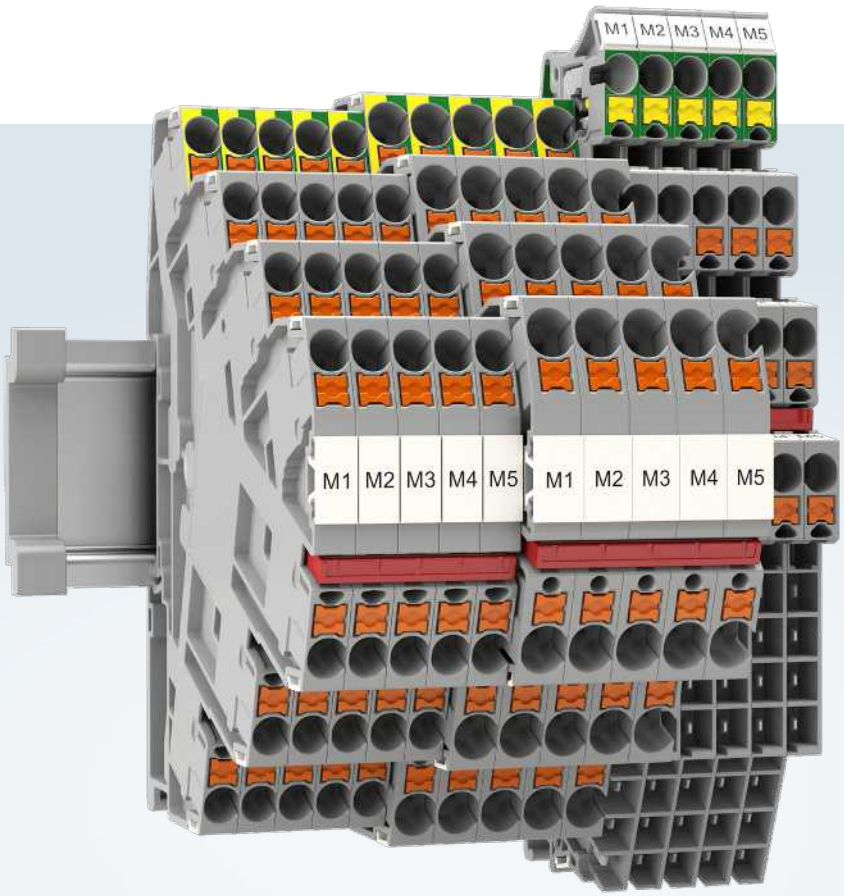
The miniature screw terminal blocks are extremely compact and use the small NS 15 DIN rails.

More information starting on page 124

Terminal blocks for special fields of application

# Motor terminals

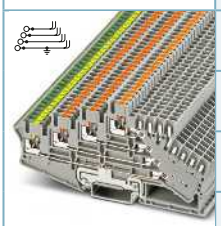
The motor terminals enable the space-saving wiring of three-phase motors with a terminal block width of 5.2 or 6.2 mm. The bridging option for simple phase bridging on each level reduces the wiring time. Each terminal point has an additional test contact for test plugs with a 2.3 mm diameter.




## Your advantages

- Bridging option for simple phase bridging on each level
- Optional level bridging for special applications
- Space-saving with three potentials in one compact terminal housing
- Clear overview with large marking options

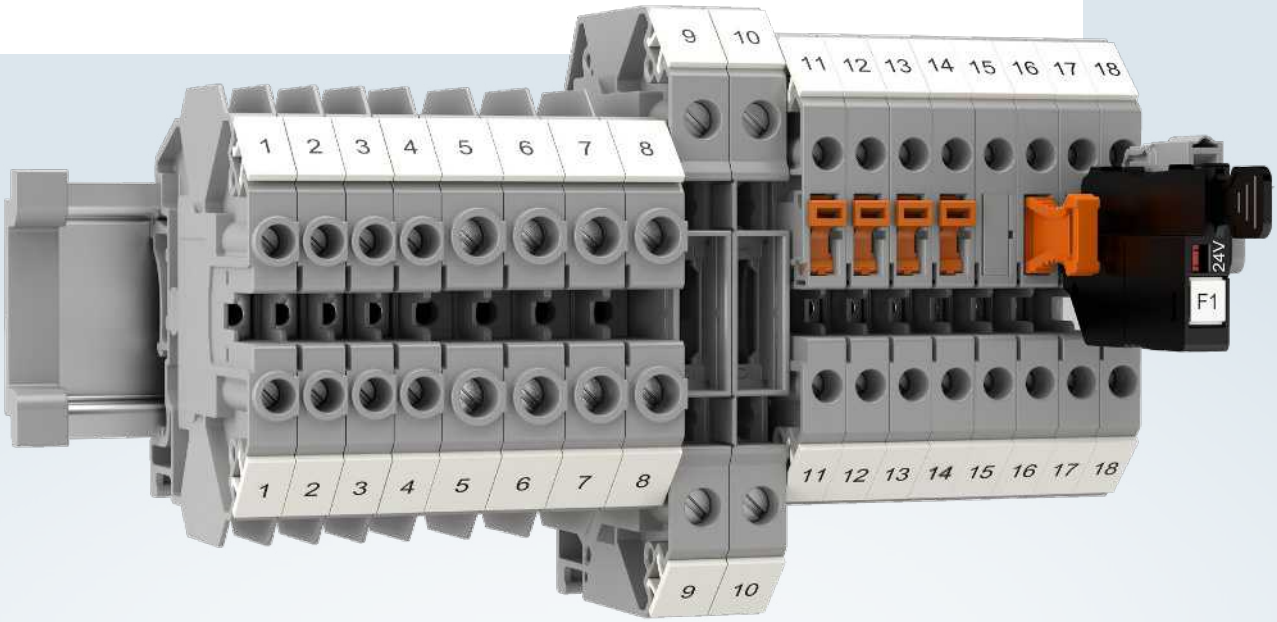
# Product overview for motor terminals

| Motor terminals | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | PT 2,5-PE/3L 3210542 | Spring-cage connection | ST 2,5-PE/3L | 3036055 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 20 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |
|  | Type / Item No. | PT 4-PE/3L 3210442 | Spring-cage connection | ST 4-PE/3L | 3038338 |
| | Connection technology | Push-in connection | | | |
| | Current / voltage | 26 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 12 | | | |
|  | Type / Item No. | PT 2,5-PE/3L/2P 3012316 | | | |
| | Connection technology | Push-in / plug-in connection | | | |
| | Current / voltage | 10 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.14 mm² … 4 mm² // 26 … 14 | | | |

Terminal blocks for special fields of application

# Spring-assisted screw terminal blocks

The USST terminal blocks were specifically developed for use in the field of power supply. When combined with hook-type cable lugs, the spring-assisted screw terminal blocks optimally meet the technical requirements of EATS 50-18. The terminal blocks can be mounted on both NS 32 and NS 35 DIN rails.




## Your advantages

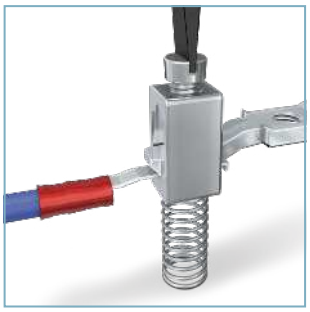
- Perfect electrical connection by tightening the spring-assisted terminal screw
- Connection protected by the shape of the hook and automatically secured in place by the spring
- Meets the requirements of EATS 50-18

# Product overview for spring-assisted screw terminal blocks

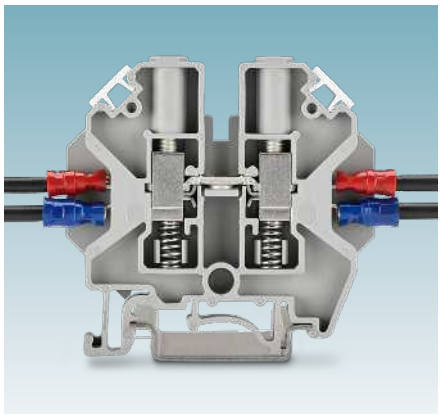
## Connection technology

The USST connection is a combination of spring connection and screw connection. The connection accommodates up to two hook-type cable lugs (C-BCI) per terminal point.

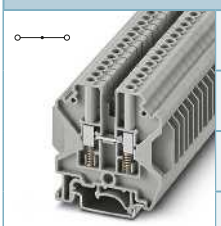
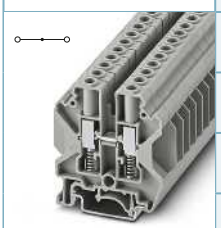
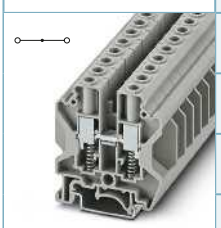
**The connection process**
First, press down on the clamping part with a screwdriver. Now insert both cable lugs in the terminal block. Then release the terminal sleeve. Finally, you just need to tighten the screw.
This connection provides you with the largest possible contact surface, maximum contact area, and reduced contact resistance.



Connection chamber of USST terminal blocks



USST 4 with connected conductors

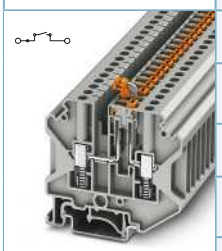
| Feed-through terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type / Item No. | USST 4 3070338 | | | |
| | Connection technology | Spring-assisted screw connection | | | |
| | Current / voltage | 32 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 4 mm² // 24 … 12 | | | |
|  | Type / Item No. | USST 6 3070341 | | | |
| | Connection technology | Spring-assisted screw connection | | | |
| | Current / voltage | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 10 | | | |
|  | Type / Item No. | USST 10 3070354 | | | |
| | Connection technology | Spring-assisted screw connection | | | |
| | Current / voltage | 57 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 8 | | | |

## Important note

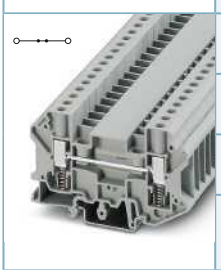
The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

# Product overview for spring-assisted screw terminal blocks

| Disconnect and knife-disconnect terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | USST 4-TG 3070301 | | | |
| | Connection technology | Spring-assisted screw connection | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 4 mm² // 24 … 12 | | | |
|  | Type Item No. | USST 4-MT 3070300 | | | |
| | Connection technology | Spring-assisted screw connection | | | |
| | Blue housing version | USST 4-MT BU 3070305 | | | |
| | Current / voltage | 20 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 4 mm² // 24 … 12 | | | |

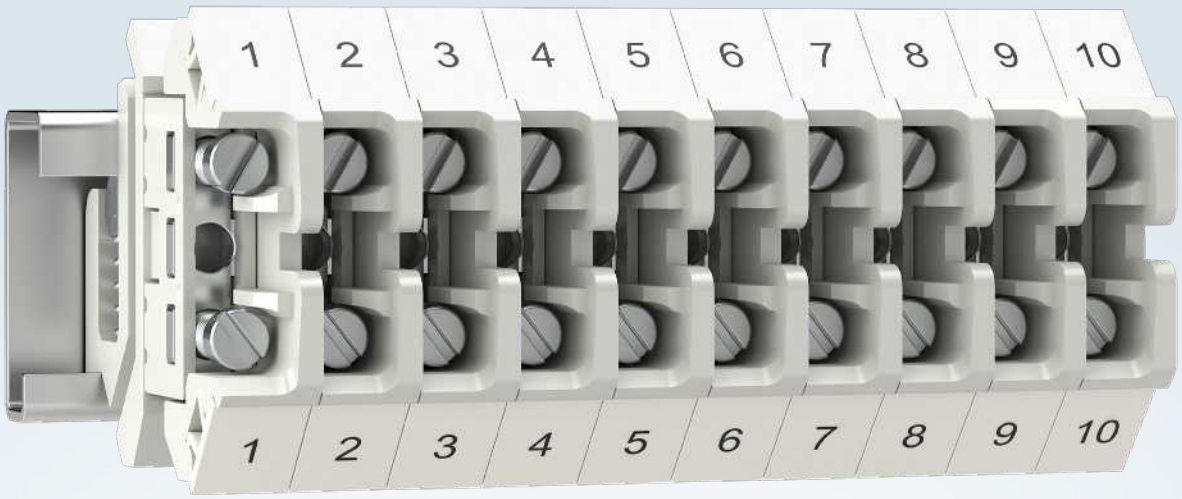
# Product overview for spring-assisted screw terminal blocks

| Transformer terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | USST 6-T 3070312 | | | |
| | Connection technology | Spring-assisted screw connection | | | |
| | Current / voltage | 41 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 10 | | | |
|  | Type Item No. | USST 6-T/SB 3070310 | | | |
| | Connection technology | Spring-assisted screw connection | | | |
| | Current / voltage | 41 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 10 | | | |
|  | Type Item No. | USST 6-T/SP 3070330 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 10 mm² // 24 … 8 | | | |
|  | Type Item No. | USSTD 6 3070325 | | | |
| | Connection technology | Spring-assisted screw connection | | | |
| | Current / voltage | 41 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 10 | | | |
|  | Type Item No. | USSTD 6/SP 3070331 | | | |
| | Connection technology | Spring-assisted screw connection | | | |
| | Current / voltage | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 6 mm² // 24 … 10 | | | |

Terminal blocks for special fields of application

# High-temperature terminal blocks

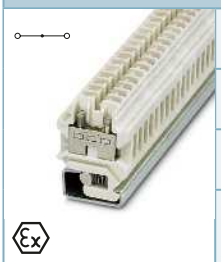
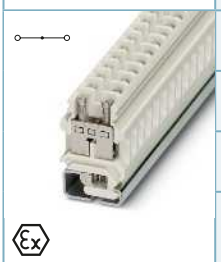
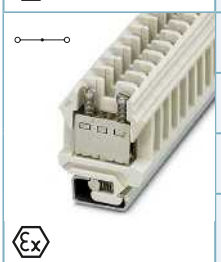
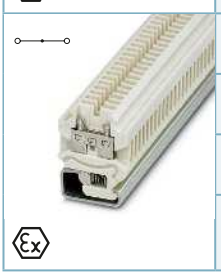
The Ex-standard-approved SSK terminal blocks with ceramic insulation are recommended for use in applications with harsh operating conditions, especially in terms of temperature and the presence of aggressive chemicals. One of the key features of the ceramic terminal blocks is that they are suitable for long-term use at high temperatures of up to 220°C. They are recommended for applications with high thermal requirements and extreme changes in temperature.




## Your advantages

- The terminal blocks are suitable for use in fire-risk zones and areas where aggressive chemicals are present
- Maximum safety for use under harsh and potentially explosive conditions
- Easy operation with proven screw connection
- Easy potential distribution with chain bridging

# Product overview for high-temperature terminal blocks

| Feed-through terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | SSK 110 KER-EX 0502058 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 41 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 6 mm² // 20 … 10 | | | |
|  | Type Item No. | SSK 116 KER-EX 0503057 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 57 A / 630 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 10 mm² // 20 … 8 | | | |
|  | Type Item No. | SSK 135 KER-EX 0505055 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 101 A / 800 V | | | |
| | Cross-section range (IEC//AWG) | 1 mm² … 25 mm² // 18 …3 | | | |
|  | Type Item No. | SSK 0525 KER-EX 0501059 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 24 A / 690 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 4 mm² // 24 … 12 | | | |

## Important note

The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

# Screw terminal blocks for aluminum conductors

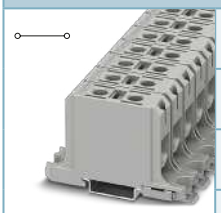
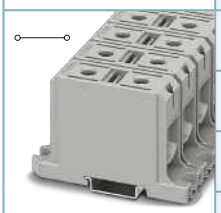
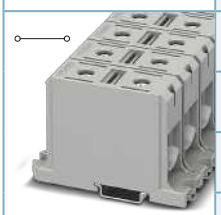
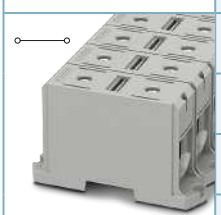
The UBAL Al/Cu series of terminal blocks has been tested in accordance with the latest standards and is particularly suitable for applications such as photovoltaics. These universal terminal blocks make it possible to wire aluminum and copper conductors together in the same terminal block.

The Al/Cu terminal blocks are available in four cross-section sizes. This allows you to install aluminum conductors from 6 to 240 mm² and copper conductors from 2.5 to 240 mm² using an Allen screw.


## Your advantages

- ☑ Universal wiring of aluminum and copper conductors in just one terminal block
- ☑ Easy conductor connection with Allen screw and pre-greased contact chambers
- ☑ The UBAL terminal blocks are certified for the connection of aluminum conductors in accordance with EN 61238-1 (Class A)

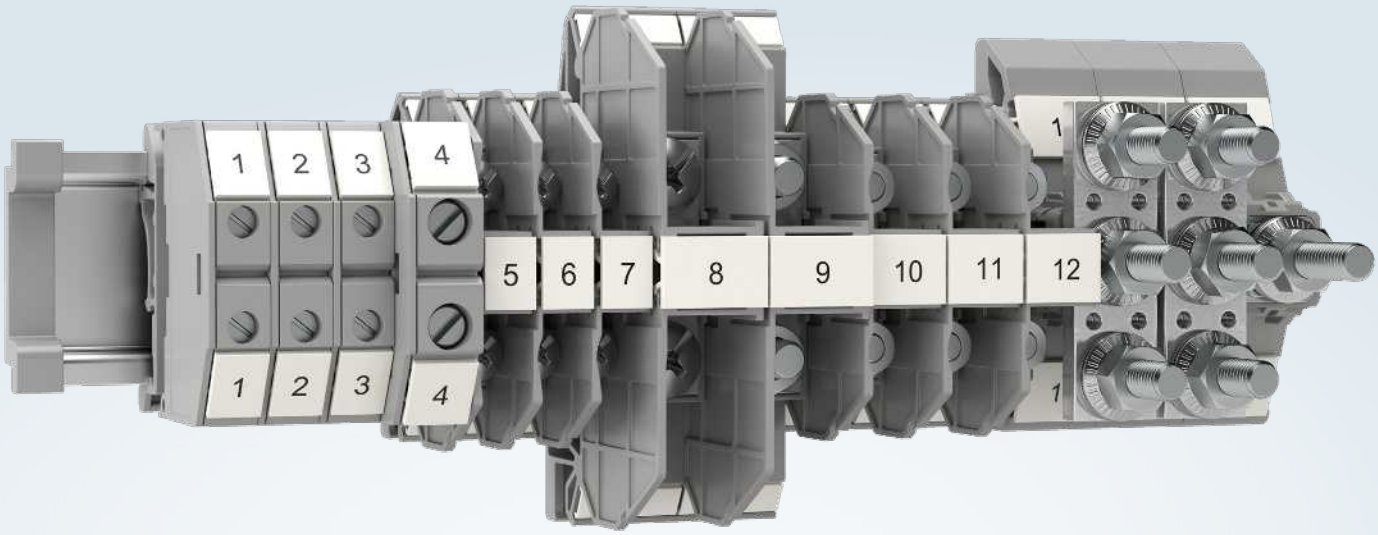
# Product overview for screw terminal blocks for aluminum conductors

| Feed-through terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | UBAL 50 1086465 | | | |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UBAL 50 BU 1086466 | | | |
| | Current / voltage | 145 A / 1000 V | | | |
|  | Type Item No. | UBAL 95 1086475 | | | |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UBAL 95 BU 1086476 | | | |
| | Current / voltage | 220 A / 1000 V | | | |
|  | Type Item No. | UBAL 150 1086498 | | | |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UBAL 150 BU 1086499 | | | |
| | Current / voltage | 290 A / 1000 V | | | |
|  | Type Item No. | UBAL 240 1086505 | | | |
| | Connection technology | Screw connection | | | |
| | Blue housing version | UBAL 240 BU 1086506 | | | |
| | Current / voltage | 310 A / 1000 V | | | |

Terminal blocks for special fields of application

# High-current terminal blocks and connectors with bolt connection

The high-current terminal blocks with bolt connection are split into the following terminal block families: OTTA, RSC, RBO, and HV. Each terminal block family is suitable for different areas of application. In addition to high-current terminal blocks and high-current connectors, the terminal block portfolio also includes pick-off terminals.




## Your advantages

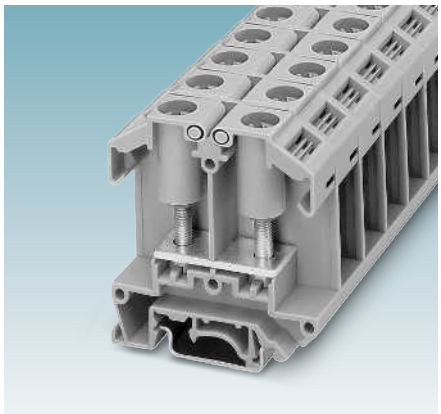
- Considerable conductor pull-out forces due to high contact force and large contact surfaces
- Fast ring cable lug wiring
- Guaranteed use even when subjected to extreme shock and vibration
- Wire conductor cross-sections up to 240 mm²

# Information on high-current terminal blocks and connectors

## OTTA bolt connection terminal blocks

The OTTA bolt connection terminal blocks are characterized by their space-saving and compact design. The terminal blocks have a hinged cover with captive cap nut for quick and convenient conductor connection. This connection ensures quick and easy ring cable lug wiring. The integrated screw locking mechanism guarantees safe use, even when subjected to extreme shock and vibration.

For easy potential distribution, the OTTA family includes insertion bridges (EB 3-OTTA…) that are attached to the threaded bolt.

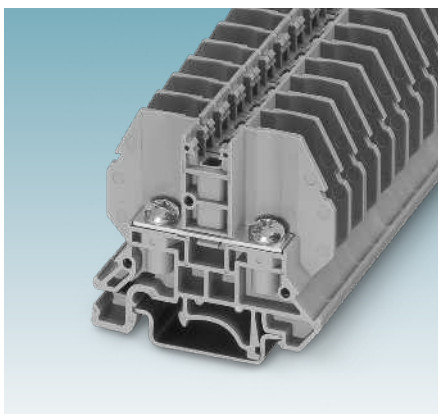


OTTA 6 bolt connection terminal block

## RSC bolt connection terminal blocks

The RSC screw connection terminal blocks are particularly suitable for connecting conductors with ring and fork-type cable lugs. The connection is established via a threaded screw with positive-negative output. All versions have a central screw bridge shaft for the use of fixed bridges (FB…) for potential distribution. Thanks to the snap-on foot, the terminal blocks can be mounted on NS 35 DIN rails.

Flange versions are available for direct mounting and can be connected to blocks by means of securing pins.
Pre-assembled blocks round out the product range.

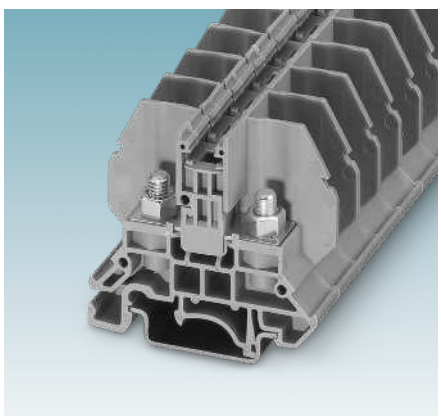


RSC 4 bolt connection terminal block

## RBO bolt connection terminal blocks

The RBO product family offers a compact bolt connection terminal block for every conductor connection from 0.5 to 300 mm². The terminal blocks have threaded bars with M5 to M16 metric thread sizes. The bolt terminal blocks also accommodate currents up to 520 A. Like the RSC terminal blocks, this series of terminal blocks also includes versions for DIN rail and direct mounting. Here too pre-assembled blocks round out the product range.

For easy potential distribution, the RBO family includes connection rails (RBO…VS) that are attached to the threaded bolts.



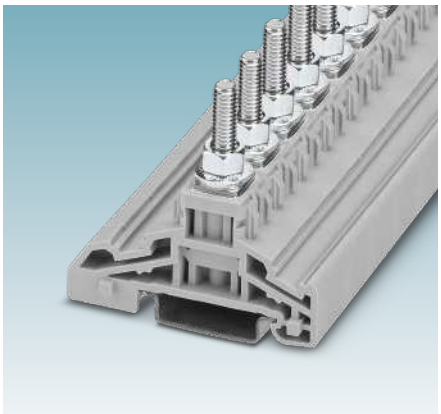
RBO 10 bolt connection terminal block

# Information on high-current terminal blocks and connectors

## HV high-current connectors

The HV high-current connectors are available as single- and two-conductor bolt terminal blocks. The terminal blocks ensure the secure connection of up to four conductors with cable lugs in accordance with DIN 46234, 46235, and 46237 in tight spaces. Spring washers prevent the hex nuts from loosening. This guarantees safe use, even when subjected to shock and vibration. The product family also includes comprehensive accessories for the safe and convenient wiring of conductors up to 120 mm².

For potential distribution, 2- and 3-pos. connection elements (HV…-VS) can be used that are attached to the threaded bolt of the terminal block. The range includes two different partition plates for separating the terminal blocks.

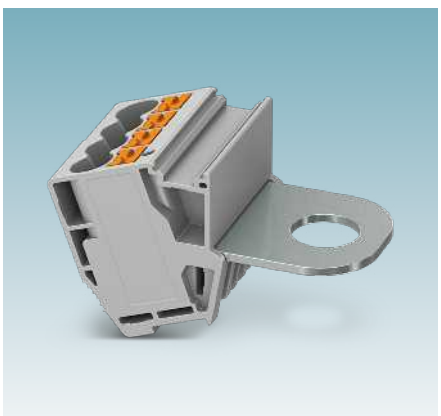


HV M5/1 high-current connector

## AGK pick-off terminals

The AGK pick-off terminals provide you with a simple option for potential distribution/collection. For direct voltage pick-off or current collection, connect the pick-off terminals to busbars using threaded screws. The pick-off terminals are available up to a cross-section of 10 mm². Up to eight terminal points are possible with M10 and M12 bolt threads.

All pick-off terminals support large-surface marking and can be easily tested thanks to the 2.3 mm standard test point.



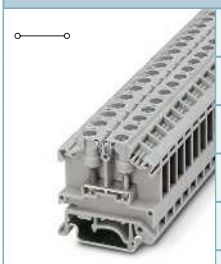
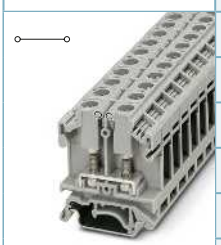
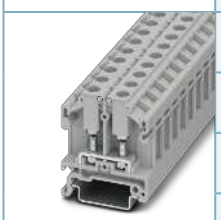
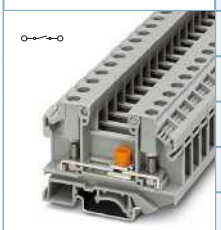
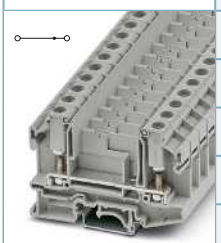
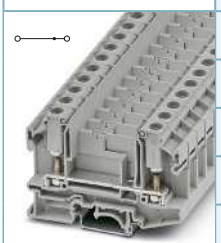
AGK PT 4X6/M12 pick-off terminal

## Important note

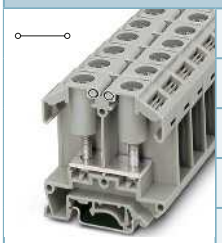
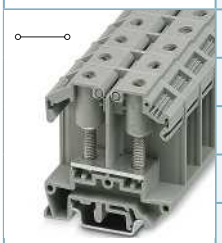
The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

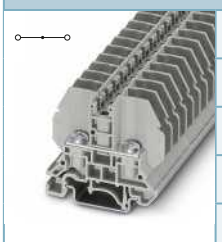
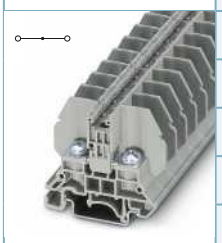
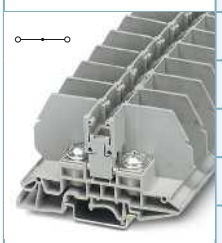
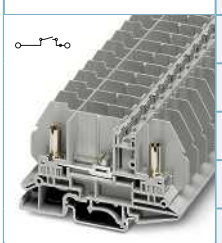
You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

# Product overview for high-current terminal blocks and connectors

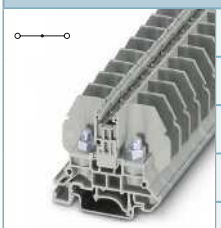
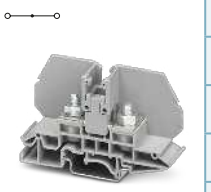
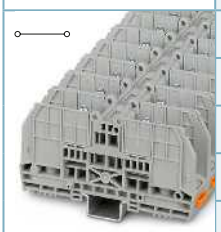
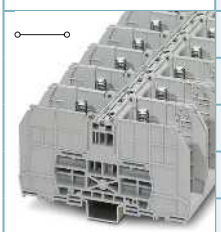
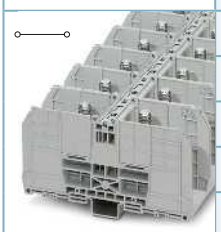
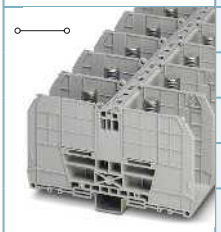
| OTTA bolt connection terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | OTTA 2,5 0790530 | Bolt connection | OTTA 2,5-P/P | 0790543 |
| | Connection technology | Bolt connection | | | |
| | PE version | OTTA 2,5-PE 0790556 | | | |
| | Current / voltage | 24 A / 800 V | | | |
| | Bolt diameter | 3 mm | | | |
| | Cross-section of cable lug connection | 0.1 mm² ... 2.5 mm² | | | |
|  | Type Item No. | OTTA 6 0790433 | Bolt connection | OTTA 6-P/P | 0790404 |
| | Connection technology | Bolt connection | | | |
| | PE version | OTTA 6-PE 0790527 | | | |
| | Current / voltage | 41 A / 800 V | | | |
| | Bolt diameter | 4 mm | | | |
| | Cross-section of cable lug connection | 0.1 mm² ... 6 mm² | | | |
|  | Type Item No. | OTTA 6-HV 1147172 | | | |
| | Connection technology | Bolt connection | | | |
| | Current / voltage | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.1 mm² … 5 mm² // 24 … 12 | | | |
|  | Type Item No. | OTTA 6-T 0790446 | Bolt connection | OTTA 6-T-P/P | 0790462 |
| | Connection technology | Bolt connection | | | |
| | Current / voltage | 36 A / 800 V | | | |
| | Bolt diameter | 4 mm | | | |
| | Cross-section of cable lug connection | 0.1 mm² ... 6 mm² | | | |
|  | Type Item No. | OTTAD 6/SB-P/P 1033182 | | | |
| | Connection technology | Bolt connection | | | |
| | Current / voltage | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.1 mm² … 6 mm² // 26 … 10 | | | |
| | Bolt diameter | 4 mm | | | |
| | Cross-section of cable lug connection | 0.1 mm² ... 6 mm² | | | |
|  | Type Item No. | OTTAD 6/SB-P/P 1033182 | | | |
| | Connection technology | Bolt connection | | | |
| | Current / voltage | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | 0.1 mm² … 6 mm² // 26 … 10 | | | |
| | Bolt diameter | 4 mm | | | |
| | Cross-section of cable lug connection | 0.1 mm² ... 6 mm² | | | |

# Product overview for high-current terminal blocks and connectors

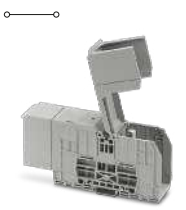
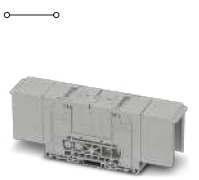
| OTTA bolt connection terminal blocks | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | OTTA 25-M5 0790488 | | | |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 101 A / 800 V | | | |
| | Bolt diameter | | 5 mm | | | |
| | Cross-section of cable lug connection | | 0.1 mm² ... 25 mm² | | | |
|  | Type | Item No. | OTTA 25-M6 0790491 | | | |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 101 A / 800 V | | | |
| | Bolt diameter | | 6 mm | | | |
| | Cross-section of cable lug connection | | 1.5 mm² ... 25 mm² | | | |

| RSC bolt connection terminal blocks | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | RSC 4 3058127 | Bolt connection | RSC 4-F | 3058130 |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 32 A / 800 V | | | |
| | Bolt diameter | | 4 mm | | | |
| | Cross-section of cable lug connection | | 0.1 mm² ... 6 mm² | | | |
|  | Type | Item No. | RSC 5 3058143 | Bolt connection | RSC 5-F | 3058156 |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 57 A / 1000 V | | | |
| | Bolt diameter | | 5 mm | | | |
| | Cross-section of cable lug connection | | 0.1 mm² ... 10 mm² | | | |
|  | Type | Item No. | RSC 6 3075870 | | | |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 125 A / 800 V | | | |
| | Bolt diameter | | 6 mm | | | |
| | Cross-section of cable lug connection | | 6 mm² ... 35 mm² | | | |
|  | Type | Item No. | RSC 5-T 3058172 | Bolt connection<br>Bolt connection | RSC 5-T-F<br>RSC 5-T-F-B | 3058334<br>3214929 |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 50 A / 800 V | | | |
| | Bolt diameter | | 5 mm | | | |
| | Cross-section of cable lug connection | | 0.1 mm² ... 10 mm² | | | |

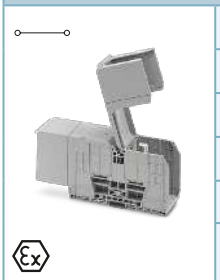
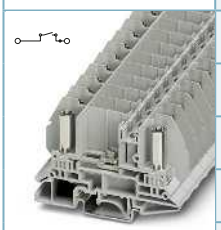
# Product overview for high-current terminal blocks and connectors

| RBO bolt connection terminal blocks | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | RBO 5 3058059 | Bolt connection | RBO 5-F | 3058062 |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 57 A / 1000 V | | | |
| | Bolt diameter | | 5 mm | | | |
| | Cross-section of cable lug connection | | 0.1 mm² ... 10 mm² | | | |
|  | Type | Item No. | RBO 6 3075896 | Bolt connection | RBO 6-F | 3075935 |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 125 A / 800 V | | | |
| | Bolt diameter | | 6 mm | | | |
| | Cross-section of cable lug connection | | 6 mm² ... 35 mm² | | | |
|  | Type | Item No. | RBO 8 3213137 | | | |
| | Connection technology | | Bolt connection | | | |
| | Blue housing version | | RBO 8 BU 3213136 | | | |
| | Current / voltage | | 192 A / 1000 V | | | |
| | Bolt diameter | | 8 mm | | | |
| | Cross-section of cable lug connection | | 2.5 mm² ... 70 mm² | | | |
|  | Type | Item No. | RBO 10 3244614 | | | |
| | Connection technology | | Bolt connection | | | |
| | Blue housing version | | RBO 10 BU 3244616 | | | |
| | Current / voltage | | 309 A / 1000 V | | | |
| | Bolt diameter | | 10 mm | | | |
| | Cross-section of cable lug connection | | 6 mm² ... 150 mm² | | | |
|  | Type | Item No. | RBO 12 3244627 | | | |
| | Connection technology | | Bolt connection | | | |
| | Blue housing version | | RBO 12 BU 3244629 | | | |
| | Current / voltage | | 415 A / 1000 V | | | |
| | Bolt diameter | | 12 mm | | | |
| | Cross-section of cable lug connection | | 10 mm² ... 240 mm² | | | |
|  | Type | Item No. | RBO 16 3244630 | | | |
| | Connection technology | | Bolt connection | | | |
| | Blue housing version | | RBO 16 BU 3244632 | | | |
| | Current / voltage | | 520 A / 1000 V | | | |
| | Bolt diameter | | 16 mm | | | |
| | Cross-section of cable lug connection | | 25 mm² ... 300 mm² | | | |

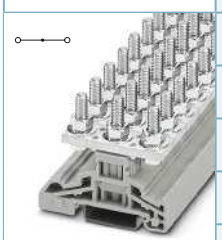
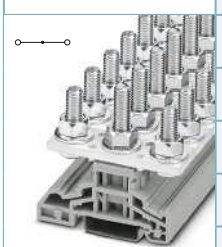
# Product overview for high-current terminal blocks and connectors

| RBO bolt connection terminal blocks | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | RBO 8-HC | 3247973 | | | |
| | Connection technology | | Bolt connection | | | | |
| | Blue housing version | | RBO 8-HC BU | 3247974 | | | |
| | Current / voltage | | 192 A / 1500 V | | | | |
| | Bolt diameter | | 8 mm | | | | |
| | Cross-section of cable lug connection | | 2.5 mm² ... 70 mm² | | | | |
|  | Type | Item No. | RBO 10-HC | 3247976 | | | |
| | Connection technology | | Bolt connection | | | | |
| | Blue housing version | | RBO 10-HC BU | 3247977 | | | |
| | Current / voltage | | 309 A / 1500 V | | | | |
| | Bolt diameter | | 10 mm | | | | |
| | Cross-section of cable lug connection | | 6 mm² ... 150 mm² | | | | |
|  | Type | Item No. | RBO 12-HC | 3247986 | | | |
| | Connection technology | | Bolt connection | | | | |
| | Blue housing version | | RBO 12-HC BU | 3247987 | | | |
| | Current / voltage | | 415 A / 1500 V DC | | | | |
| | Bolt diameter | | 12 mm | | | | |
| | Cross-section of cable lug connection | | 10 mm² ... 240 mm² | | | | |
|  new | Type | Item No. | RBO 12-DHR-HC | 1110386 | | | |
| | Connection technology | | Bolt connection | | | | |
| | Current / voltage | | 353 A / 1800 V | | | | |
| | Cross-section range (IEC//AWG) | | 95 mm² … 185 mm² // 4/0 …400 | | | | |
| | Bolt diameter | | 12 mm | | | | |
| | Cross-section of cable lug connection | | 95 mm² ... 185 mm² | | | | |
|  | Type | Item No. | RBO 16-HC | 3247989 | | | |
| | Connection technology | | Bolt connection | | | | |
| | Blue housing version | | RBO 16-HC BU | 3247990 | | | |
| | Current / voltage | | 520 A / 1500 V | | | | |
| | Bolt diameter | | 16 mm | | | | |
| | Cross-section of cable lug connection | | 25 mm² ... 240 mm² | | | | |
|  new | Type | Item No. | RBO 12-DHR-HC | 1110386 | | | |
| | Connection technology | | Bolt connection | | | | |
| | Current / voltage | | 353 A / 1800 V | | | | |
| | Cross-section range (IEC//AWG) | | 95 mm² … 185 mm² // 4/0 …400 | | | | |
| | Bolt diameter | | 12 mm | | | | |
| | Cross-section of cable lug connection | | 95 mm² ... 185 mm² | | | | |

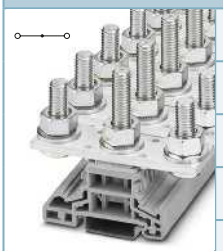
# Product overview for high-current terminal blocks and connectors

| RBO bolt connection terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | RBO 16-HC 3247989 | | | |
| | Connection technology | Bolt connection | | | |
| | Blue housing version | RBO 16-HC BU 3247990 | | | |
| | Current / voltage | 520 A / 1500 V | | | |
| | Bolt diameter | 16 mm | | | |
| | Cross-section of cable lug connection | 25 mm² ... 240 mm² | | | |
|  | Type Item No. | RBO 5-T 3058114 | Bolt connection | RBO 5-T-F | 3058169 |
| | Connection technology | Bolt connection | | | |
| | Current / voltage | 50 A / 800 V | | | |
| | Bolt diameter | 5 mm | | | |
| | Cross-section of cable lug connection | 0.1 mm² ... 10 mm² | | | |
|  | Type Item No. | RBO 10-WD 1030161 | | | |
| | Connection technology | Bolt connection | | | |
| | Current / voltage | 309 A / 1000 V | | | |
| | Bolt diameter | 10 mm | | | |
| | Cross-section of cable lug connection | 6 mm² ... 150 mm² | | | |

# Product overview for high-current terminal blocks and connectors

| HV high-current connectors | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | HV M5/1 3049107 | | | |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 76 A / 1000 V | | | |
| | Bolt diameter | | 5 mm | | | |
| | Cross-section of cable lug connection | | 0.5 mm² ... 16 mm² | | | |
|  | Type | Item No. | HV M6/1 3049204 | | | |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 125 A / 1000 V | | | |
| | Bolt diameter | | 6 mm | | | |
| | Cross-section of cable lug connection | | 2.5 mm² ... 35 mm² | | | |
|  | Type | Item No. | HV M6/2 3049547 | | | |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 125 A / 1000 V | | | |
| | Bolt diameter | | 6 mm | | | |
| | Cross-section of cable lug connection | | 2.5 mm² ... 35 mm² | | | |
|  | Type | Item No. | HV M8/1 3049301 | | | |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 150 A / 1000 V | | | |
| | Bolt diameter | | 8 mm | | | |
| | Cross-section of cable lug connection | | 2.5 mm² ... 50 mm² | | | |
|  | Type | Item No. | HV M8/2 3049550 | | | |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 150 A / 1000 V | | | |
| | Bolt diameter | | 8 mm | | | |
| | Cross-section of cable lug connection | | 2.5 mm² ... 50 mm² | | | |
|  | Type | Item No. | HV M10/1 3049408 | | | |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 269 A / 1000 V | | | |
| | Bolt diameter | | 10 mm | | | |
| | Cross-section of cable lug connection | | 6 mm² ... 120 mm² | | | |

# Product overview for high-current terminal blocks and connectors

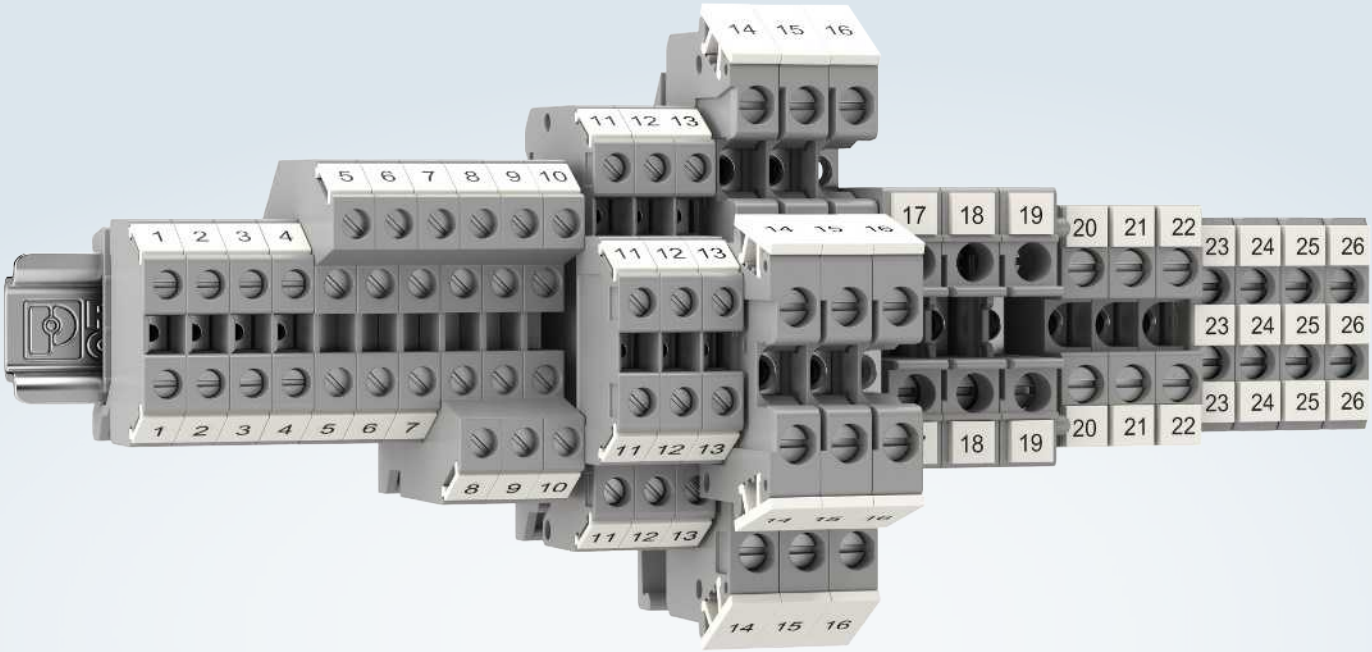
| HV high-current connectors | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | HV M10/2 3049563 | | | |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 269 A / 1000 V | | | |
| | Bolt diameter | | 10 mm | | | |
| | Cross-section of cable lug connection | | 6 mm² ... 120 mm² | | | |
|  | Type | Item No. | HV M12/1 3049505 | | | |
| | Connection technology | | Bolt connection | | | |
| | Current / voltage | | 269 A / 1000 V | | | |
| | Bolt diameter | | 12 mm | | | |
| | Cross-section of cable lug connection | | 10 mm² ... 120 mm² | | | |

| Pick-off terminals | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | AGK PT 4X6/M10 1017448 | | | |
| | Connection technology | | Push-in connection / bolt connection | | | |
| | Blue housing version | | AGK PT 4X6/M10 BU 1083237 | | | |
| | PE version | | AGK PT 4X6/M10 GNYE 1083238 | | | |
| | Current / voltage | | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 6 mm² // 20 … 10 | | | |
|  | Type | Item No. | AGK PT 8X6/M10 1017450 | | | |
| | Connection technology | | Push-in connection / bolt connection | | | |
| | Blue housing version | | AGK PT 8X6/M10 BU 1083235 | | | |
| | PE version | | AGK PT 8X6/M10 GNYE 1083236 | | | |
| | Current / voltage | | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 6 mm² // 20 … 10 | | | |
|  | Type | Item No. | AGK PT 4X6/M12 1017454 | | | |
| | Connection technology | | Push-in connection / bolt connection | | | |
| | Current / voltage | | 41 A / 1000 V | | | |
| | Cross-section range (IEC//AWG) | | 0.5 mm² … 6 mm² // 20 … 10 | | | |

Terminal blocks for special fields of application

# Miniature screw terminal blocks

Despite their extremely small dimensions, miniature and micro terminal blocks can be marked and bridged in the same way as large terminal blocks. The miniature screw terminal blocks have a bridge shaft and use small NS 15 DIN rails. Since their dimensions are also very compact, they are ideal for installation in small control boxes or connection boxes, e.g., for a motor connection.




## Your advantages

- ☑ Extremely small design
- ☑ Easy potential distribution with screw bridges
- ☑ Clear overview, thanks to large-surface marking grooves
- ☑ Universal screw connection for connecting up to two conductors per terminal point

# Product overview for miniature screw terminal blocks

## Differences between MT and MBK miniature screw terminal blocks

The MT and MBK miniature terminal blocks are roughly the same size and only differ with regard to the layout of the terminal blocks. The MT terminal blocks are roughly the same shape as the UT terminal blocks, which are used with the CLIPLINE complete system. This layout ensures clear marking. Furthermore, all MT terminal blocks feature UT screw connection technology. This connection technology includes the Reakdyn principle, which is a type of integrated screw locking mechanism. The MBK terminal blocks, on the other hand, do not all have the same connection technology. Some of the terminal blocks already feature UT connection technology, however others still have a standard screw connection. For easy potential distribution, both terminal block types can be bridged with screw bridges.

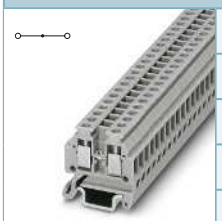
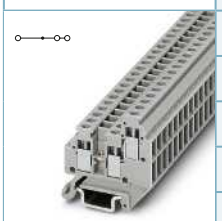
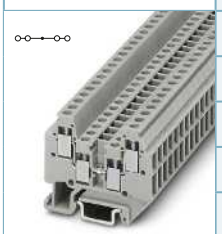
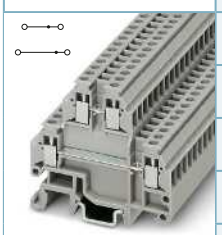
MT and MBK terminal blocks

## Important note

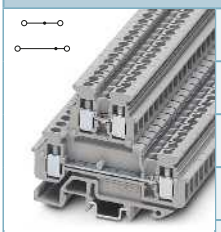
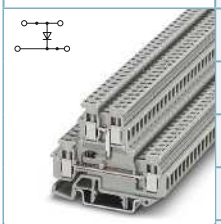
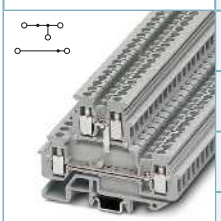
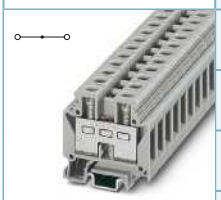
The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

# Product overview for miniature screw terminal blocks

| MT miniature screw terminal blocks | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Technology | Type | Item No. |
|  | Type | Item No. | MT 1,5 | 3100305 | | | |
| | Connection technology | | Screw connection | | | | |
| | Blue housing version | | MT 1,5 BU | 3003363 | | | |
| | PE version | | MT 1,5-PE | 3100318 | | | |
| | Current / voltage | | 17.5 A / 400 V | | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 16 | | | | |
|  | Type | Item No. | MT 1,5-TWIN | 3001682 | | | |
| | Connection technology | | Screw connection | | | | |
| | Blue housing version | | MT 1,5-TWIN BU | 3025532 | | | |
| | PE version | | MT 1,5-TWIN-PE | 3001705 | | | |
| | Current / voltage | | 17.5 A / 400 V | | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 16 | | | | |
|  | Type | Item No. | MT 1,5-QUATTRO | 3001679 | | | |
| | Connection technology | | Screw connection | | | | |
| | Blue housing version | | MT 1,5-QUATTRO BU | 3025150 | | | |
| | PE version | | MT 1,5-QUATTRO-PE | 3001695 | | | |
| | Current / voltage | | 16 A / 400 V | | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 16 | | | | |
|  | Type | Item No. | MTTB 1,5 | 1414129 | | | |
| | Connection technology | | Screw connection | | | | |
| | Blue housing version | | MTTB 1,5 BU | 3000926 | | | |
| | Current / voltage | | 17.5 A / 400 V | | | | |
| | Cross-section range (IEC//AWG) | | 0.14 mm² … 1.5 mm² // 26 … 16 | | | | |

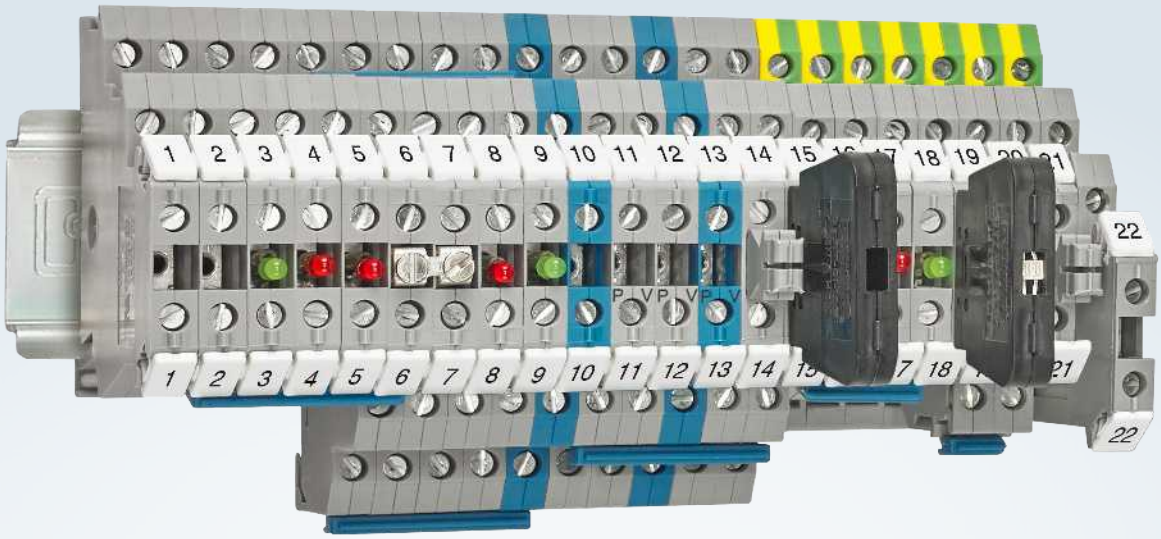
# Product overview for miniature screw terminal blocks

| MBK miniature screw terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | MBKKB 2,5 1414064 | | | |
| | Connection technology | Screw connection | | | |
| | Blue housing version | MBKKB 2,5 BU 1414077 | | | |
| | Current / voltage | 24 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | MBKKB 2,5-DIO/O-U 2800567 | | | |
| | Connection technology | Screw connection | | | |
| | Connection version | MBKKB 2,5-DIO/U-O 2800570 | | | |
| | Current / voltage | 24 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | MBKKB 2,5-BE 1414103 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 24 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | MBK 6/E 0552024 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 41 A / 500 V | | | |
| | Cross-section range (IEC//AWG) | 0.5 mm² … 6 mm² // 20 … 10 | | | |

Terminal blocks for special fields of application

# Screw terminal blocks for sensors and actuators

The sensor/actuator terminal blocks in the UK series are ideal for reducing wiring effort. The conductors of the initiators and actuators are wired in junction boxes. The positive and negative connections are combined so all that remains is to install the signal lines and a conductor pair for the power supply between the junction box and controller.



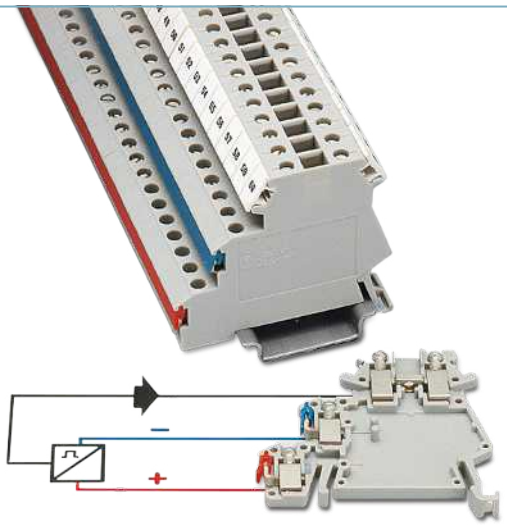

## Your advantages

- Easy connection of three- or four-conductor sensors and actuators in just one terminal block
- Easy potential distribution of positive and negative potential
- A wide range of products with versions featuring PE function or LED display

# Information on screw terminal blocks for sensors and actuators

## Sensor/actuator terminal blocks (DIK)

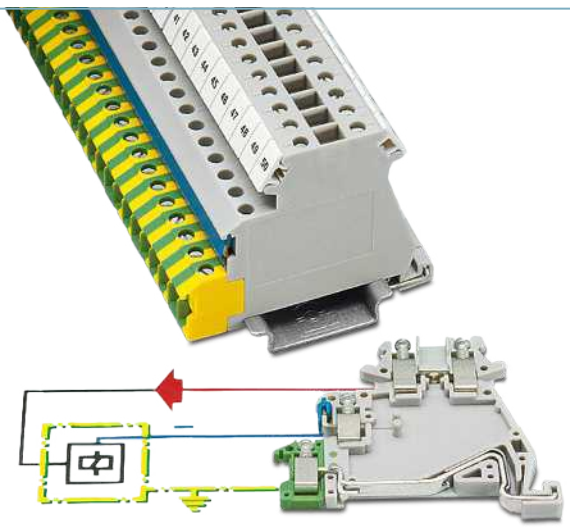
The sensor/actuator terminal blocks have feed-through connections for the signal line in the upper level which can be marked. Both of the lower terminal points are used for the initiator potential supply. For quick and easy potential distribution, the lower level can be bridged via an insertion bridge which can be disconnected.
Furthermore, the terminal block version has feed-in terminals of the same shape, which allow the positive and negative potential to be fed in by means of corresponding insertion bridges.
At the same time, the first initiator can be connected to this three-conductor feed-through terminal block. In addition to the terminal block versions mentioned, the DIK family also includes space-saving potential distributor terminals. The terminals can be bridged in the upper level for potential distribution over more than six terminal points. To ensure the clear differentiation of potentials, the potential distributor terminal is available with gray, blue, or black insulating housing.



DIK 1,5 sensor/actuator terminal blocks

## Sensor/actuator terminal blocks (DOK)

The DOK terminal blocks are the same shape as the DIK three-level initiator terminal blocks. The terminal blocks likewise have feed-through connections for the signal line in the upper level which can be marked. The middle level of the DOK terminal blocks supplies the connected actuators with power.
Unlike the DIK terminal blocks, the lower level of the output terminal blocks in the DOK series makes direct contact with the DIN rail and as a PE connection they are marked green-yellow.
Insertion bridges enable convenient bridging of up to 80 terminal blocks. If non-adjacent terminal blocks need to be bridged, you can simply remove the prongs of the insertion bridge.
The DOK terminal blocks are ideal for the alternating wiring of one actuator and one initiator each.
The free wiring of all terminal points and the fixed positioning of the bridge are ensured by latching the comb spine of the insertion bridge to the terminal block housing.
For visual signaling of the initiator and actuator wiring, terminal blocks are available with red or green LED displays. The DOKD 1,5-TG component terminal block can accommodate fuse plugs or isolating plugs.

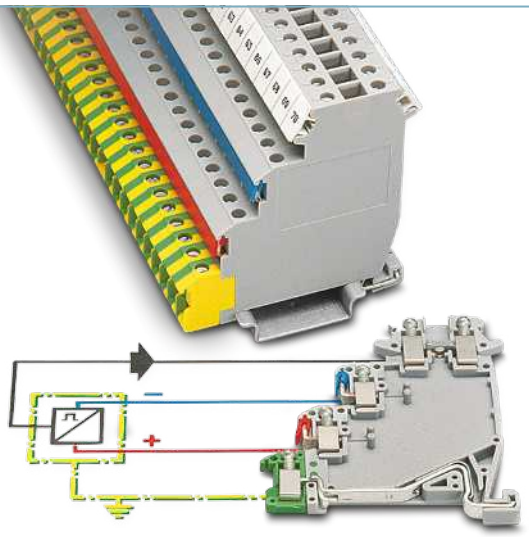


DOK 1,5 sensor/actuator terminal blocks

# Information on screw terminal blocks for sensors and actuators

## Sensor/actuator terminal blocks (VIOK)

The VIOK terminal blocks are a combination of DIK and DOK terminal blocks. With this terminal block version, it is possible to use just one terminal block for the wiring of initiators and actuators.
As with the DIK and DOK terminal blocks, there is a feed-through connection for the signal line in the upper level which can be marked. Both of the middle terminal points are used for the initiator potential supply.
The PE connection of the terminal blocks is located on the lower level.
The VIOK terminal blocks also have two feed-through and two busbar levels.
The terminal blocks are primarily used for programmable or self-monitoring initiators, which can additionally be controlled via the second feed-through level.
As illustrated (right), a plug division is integrated in the second level from above. Therefore, the positive potential of the initiator can be transmitted via a fuse plug or – for maintenance and test purposes – via an isolating plug.



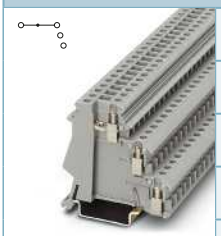
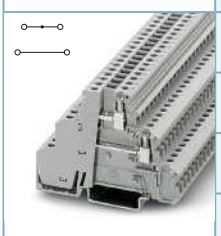
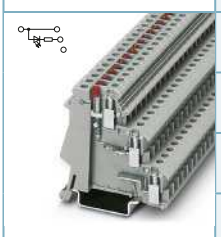
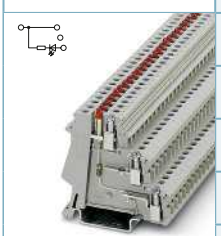

VIOK 1,5 sensor/actuator terminal blocks

## Important note

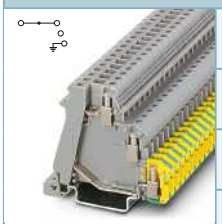
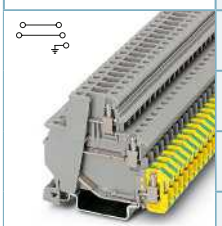
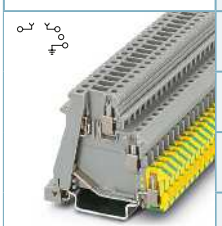
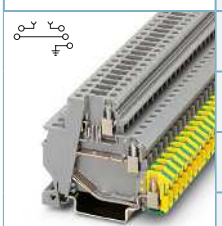
The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.

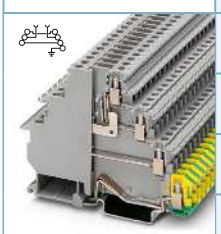
# Product overview for screw terminal blocks for sensors and actuators

| DIK sensor/actuator terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | DIK 1,5 2715966 | | | |
| | Connection technology | Screw connection | | | |
| | Blue housing version | DIK 1,5 BU 2716059 | | | |
| | Current / voltage | 24 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | DIKD 1,5 2715979 | | | |
| | Connection technology | Screw connection | | | |
| | Blue housing version | DIKD 1,5 BU 2716101 | | | |
| | Current / voltage | 24 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | DIKD 1,5-2D 2716512 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 24 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | DIK 1,5-LA 24RD/O-M 2715856 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 24 A / 24 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | DIK 1,5-LA 24RD/U-O 2715995 | | | |
| | Connection technology | Screw connection | | | |
| | Connection version | DIK 1,5-LA 24RD/O-U 2715681 | | | |
| | Current / voltage | 24 A / 24 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | DIKD 1,5-TG 2774237 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 15 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |

# Product overview for screw terminal blocks for sensors and actuators

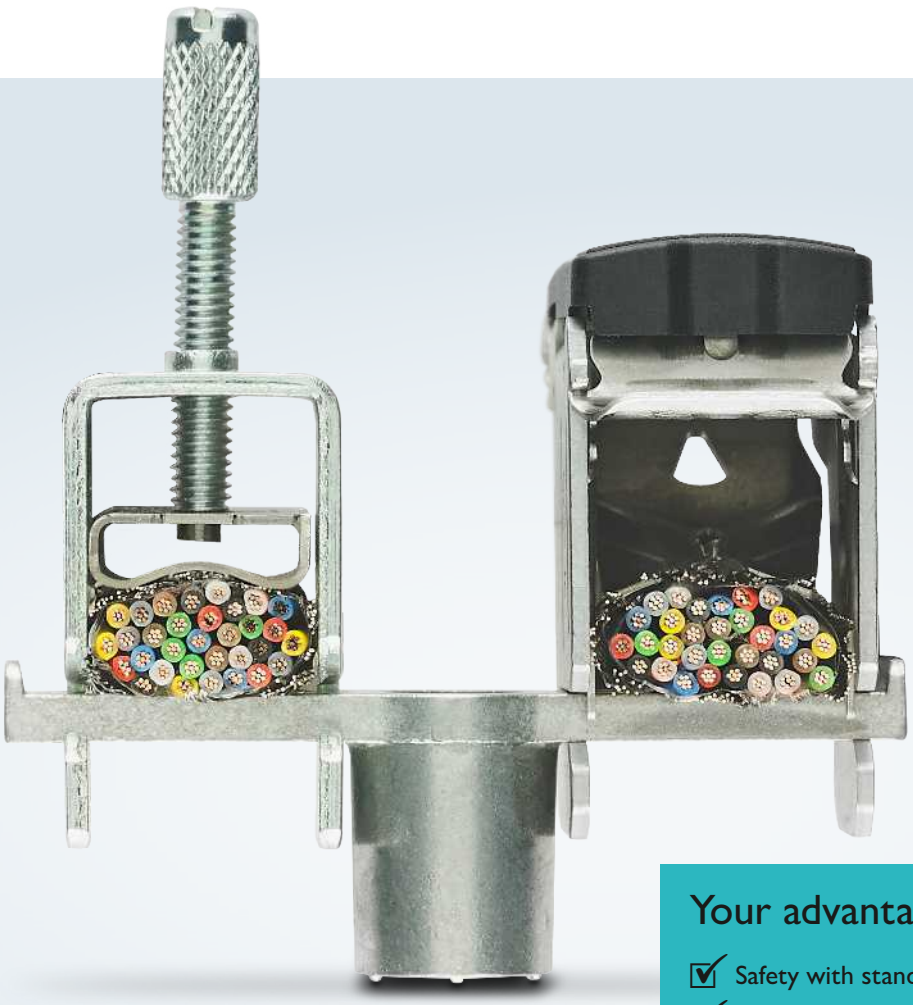
| DOK sensor/actuator terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | DOK 1,5 2717016 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 24 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | DOK 1,5-2D 2717139 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 24 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | DOK 1,5-TG 2717113 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 16 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | DOKD 1,5-TG 3011054 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 24 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |

# Product overview for screw terminal blocks for sensors and actuators

| VIOK sensor/actuator terminal blocks | | | Connection method versions | | |
|---|---|---|---|---|---|
| | | | Technology | Type | Item No. |
|  | Type Item No. | VIOK 1,5 2718015 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 24 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | VIOK 1,5-2D 2718196 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 24 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | VIOK 1,5-3D/PE 2718206 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 24 A / 400 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |
|  | Type Item No. | VIOK 1,5-D/TG/D/PE 3011067 | | | |
| | Connection technology | Screw connection | | | |
| | Current / voltage | 24 A / 250 V | | | |
| | Cross-section range (IEC//AWG) | 0.2 mm² … 2.5 mm² // 24 … 14 | | | |

# Shield clamps

Interference caused by electronic components occurs in automated industrial applications in particular. This electromagnetic interference can lead to malfunctions or even to failure of entire systems. Shield clamps provide a solution to this serious problem. With a professional shielding concept, you can ensure the EMC protection of your systems, machines, and electronic components.



## Your advantages

- Safety with standard-compliant components
- Highly reproducible and long-term stable contact quality
- Low transfer impedance due to low-resistance and large-surface contact
- Up to three different mounting types

# Information on shield clamps

## SCC shield clamps with spring connection

The shield clamps enable tool-free, single-handed installation. Thanks to the convenient clamping bracket and the non-pressurized contact spring, a simple and low-fatigue shield connection can be made. At the same time, the design of the contact spring guarantees a reproducible and long-term stable contact quality and compensates any conductor settling effects.

The shield connection is flexible, with clamps available for direct mounting, neutral busbar mounting, and DIN rail mounting. For neutral busbar mounting, simply swivel the shield clamps onto the neutral busbar rail and close the lever to secure both the clamp and the conductor to be connected. For a clearer overview and assignment of the individual shield clamps, the clamps feature large marking areas on the clamping bracket. This simplifies cable assignment in accordance with the circuit diagram.

SCC 15 shield clamp

## Shield clamps with screw connection

The SK shield clamps clamp the conductors using a knurled screw. To ensure optimum shielding, the clamps feature a spring-loaded and large-surface pressure plate. Shield clamps are available for direct mounting and busbar mounting for mounting in the control cabinet.

SK 14 shield clamp

## SKS shield clamps with spring connection

The SKS spring-cage shield clamps are available in three mounting types. Choose between mounting on NS 35 DIN rails, on busbars, or directly on conductive mounting plates. The SKS spring-cage shield clamps are suitable for cable and conductor diameters from 3 to 20 mm.

SKS 14 shield clamp

# Product overview for shield clamps

| SCC shield clamps with spring connection | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Mounting type | Type | Item No. |
|  new | Type | Item No. | SCC 5 1019420 | Mounting plate NS 35/7,5 | SCC 5-F<br>SCC 5-NS35 | 1019425<br>1019436 |
| | Connection technology | | Spring-cage connection | | | |
| | Cable diameter | | 2 mm … 5 mm | | | |
| | Mounting type | | Neutral busbar | | | |
|  new | Type | Item No. | SCC 10 1019421 | Mounting plate NS 35/7,5 | SCC 10-F<br>SCC 10-NS35 | 1019426<br>1019440 |
| | Connection technology | | Spring-cage connection | | | |
| | Cable diameter | | 3 mm … 10 mm | | | |
| | Mounting type | | Neutral busbar | | | |
|  new | Type | Item No. | SCC 15 1019422 | Mounting plate NS 35/7,5 | SCC 15-F<br>SCC 15-NS35 | 1019427<br>1019443 |
| | Connection technology | | Spring-cage connection | | | |
| | Cable diameter | | 8 mm … 15 mm | | | |
| | Mounting type | | Neutral busbar | | | |
|  new | Type | Item No. | SCC 20 1019423 | Mounting plate NS 35/7,5 | SCC 20-F<br>SCC 20-NS35 | 1019428<br>1019446 |
| | Connection technology | | Spring-cage connection | | | |
| | Cable diameter | | 10 mm … 20 mm | | | |
| | Mounting type | | Neutral busbar | | | |

| SK shield clamps with screw connection | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Mounting type | Type | Item No. |
|  | Type | Item No. | SK 5 3025338 | Direct screw mounting | SK 5-D | 3025406 |
| | Connection technology | | Screw connection | | | |
| | Cable diameter | | 2 mm … 5 mm | | | |
| | Mounting type | | Neutral busbar | | | |
|  | Type | Item No. | SK 8 3025163 | Direct screw mounting | SK 8-D | 3026861 |
| | Connection technology | | Screw connection | | | |
| | Cable diameter | | 3 mm … 8 mm | | | |
| | Mounting type | | Neutral busbar | | | |
|  | Type | Item No. | SK 14 3025176 | Direct screw mounting | SK 14-D | 3026874 |
| | Connection technology | | Screw connection | | | |
| | Cable diameter | | 3 mm … 14 mm | | | |
| | Mounting type | | Neutral busbar | | | |

# Product overview for shield clamps

| SK shield clamps with screw connection | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Mounting type | Type | Item No. |
|  | Type | Item No. | SK 20 3025189 | Direct screw mounting | SK 20-D | 3026887 |
| | Connection technology | | Screw connection | | | |
| | Cable diameter | | 5 mm … 20 mm | | | |
| | Mounting type | | Neutral busbar | | | |
|  | Type | Item No. | SK 28 3026997 | Direct screw mounting | SK 28-D | 3027006 |
| | Connection technology | | Screw connection | | | |
| | Cable diameter | | 5 mm … 28 mm | | | |
| | Mounting type | | Neutral busbar | | | |
|  | Type | Item No. | SK 35 3026463 | Direct screw mounting | SK 35-D | 3026890 |
| | Connection technology | | Screw connection | | | |
| | Cable diameter | | 20 mm … 35 mm | | | |
| | Mounting type | | Neutral busbar | | | |

| SKS shield clamps with spring connection | | | | Connection method versions | | |
|---|---|---|---|---|---|---|
| | | | | Mounting type | Type | Item No. |
|  | Type | Item No. | SKS 8 3240210 | Direct screw mounting | SKS 8-D | 3240213 |
| | Connection technology | | Spring-cage connection | | | |
| | Cable diameter | | 3 mm … 8 mm | | | |
| | Mounting type | | Neutral busbar | | | |
|  | Type | Item No. | SKS 14 3240211 | Direct screw mounting | SKS 14-D | 3240214 |
| | Connection technology | | Spring-cage connection | | | |
| | Cable diameter | | 3 mm … 14 mm | | | |
| | Mounting type | | Neutral busbar | | | |
|  | Type | Item No. | SKS 20 3240212 | Direct screw mounting | SKS 20-D | 3240215 |
| | Connection technology | | Spring-cage connection | | | |
| | Cable diameter | | 5 mm … 20 mm | | | |
| | Mounting type | | Neutral busbar | | | |

## Important note

The technical data in the product tables relates to the specified reference item.
It may differ slightly for connection versions in some cases.

You will find the exact and complete data for the individual items in our online shop.
There is also a list of corresponding accessories provided for each item.


## Open communication with customers and partners worldwide

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