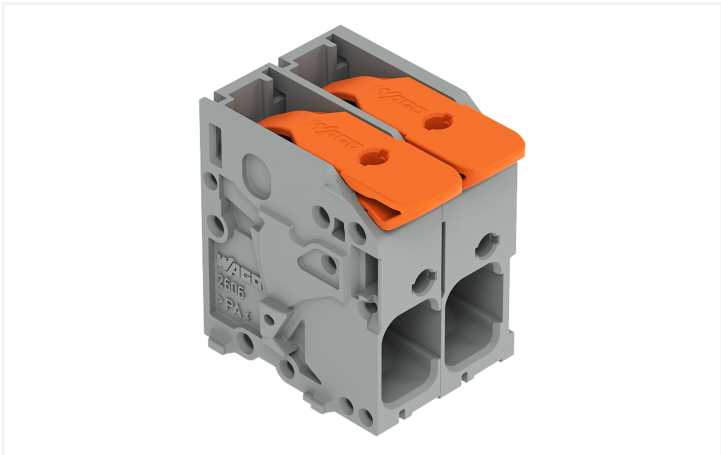
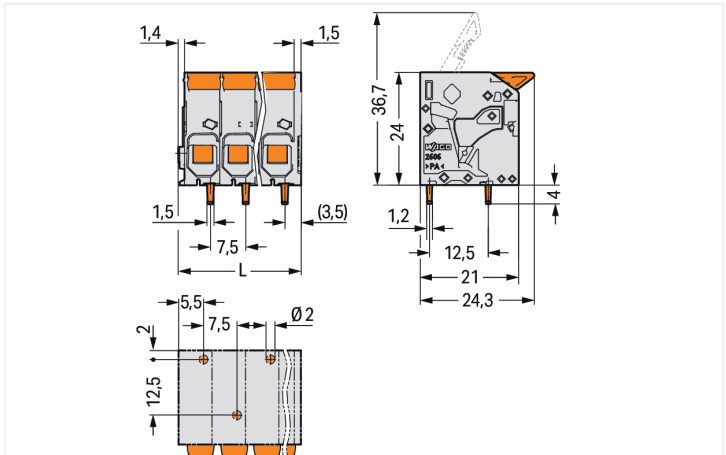
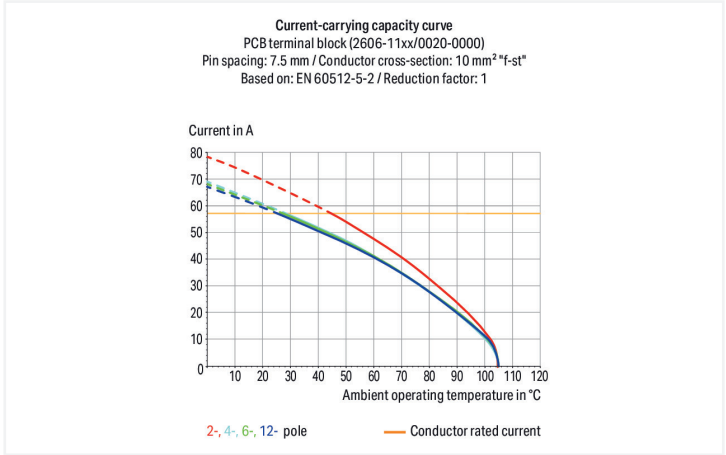
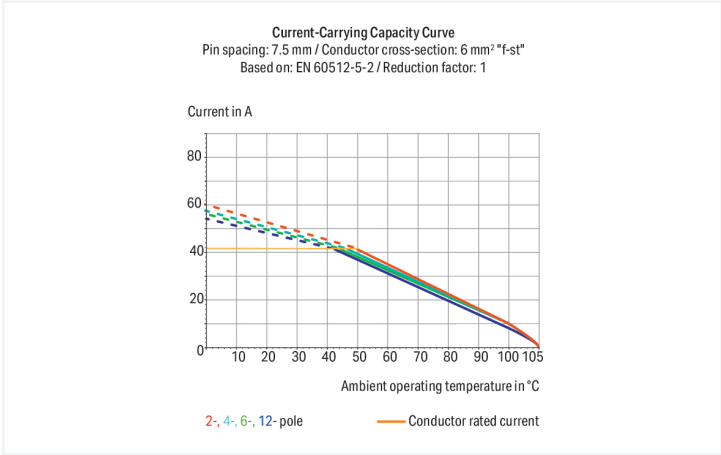




Color: ■ gray



Dimensions in mm  
L = (pole no. – 1) x pin spacing + 10.35 mm



PCB terminal block, 2606 Series, Push-in CAGE CLAMP®

This PCB terminal block (item number 2606-1102/020-000) is designed to connect conductors quickly and easily. It offers the flexibility needed for different mounting types. Rated current and voltage are key factors to consider when choosing a PCB terminal block, as they determine the product's suitability for different applications. This product has a rated voltage of 1000 V and a rated current of 41 A, making it suitable for high-load applications. Conductors should only be connected to this PCB terminal block if their strip length is between 11 mm and 13 mm. Featuring one conductor terminal along with Push-in CAGE CLAMP®, this product delivers reliable performance. Push-in CAGE CLAMP® technology provides a universal connection solution for all conductor types. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. The item's dimensions are 17.85 x 28 x 24.3 mm (width x height x depth). Depending on the type of conductor, this PCB terminal block is ideal for conductor cross sections ranging from 0.2 mm² to 10 mm². It has one level. Two potentials can connect two poles using the two clamping points. The contacts are made of electrolytic copper (ECu), the clamping spring is made of chrome-nickel spring steel (CrNi), and the gray housing is made of polyamide (PA66) for insulation. Tin is used for coating the contact surfaces. This PCB terminal block is operated with a lever. THT is used to solder the PCB terminal block. The conductor is designed to be inserted at an angle of 0°. The solder pins are organized over the entire terminal strip (staggered). They are 1.5 x 1.2 mm and 4 mm in length. Each potential has one solder pin.

| Notes     |                                                                                                                                                                                                                      |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Variants: | Other pole numbers<br>Direct marking<br>Other colors<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> . |



| Electrical data      |  |  |                |        |        |  |
|----------------------|--|--|----------------|--------|--------|--|
| Ratings per          |  |  | IEC/EN 60664-1 |        |        |  |
| Overvoltage category |  |  | III            | III    | II     |  |
| Pollution degree     |  |  | 3              | 2      | 2      |  |
| Nominal voltage      |  |  | 800 V          | 1000 V | 1000 V |  |
| Rated surge voltage  |  |  | 8 kV           | 8 kV   | 8 kV   |  |
| Rated current        |  |  | 41 A           | 41 A   | 41 A   |  |

| Approvals per |  |  | UL 1059 |       |   |  |
|---------------|--|--|---------|-------|---|--|
| Use group     |  |  | B       | C     | D |  |
| Rated voltage |  |  | 600 V   | 600 V | - |  |
| Rated current |  |  | 31 A    | 31 A  | - |  |

| Approvals per |  |  | CSA   |       |   |  |
|---------------|--|--|-------|-------|---|--|
| Use group     |  |  | B     | C     | D |  |
| Rated voltage |  |  | 600 V | 600 V | - |  |
| Rated current |  |  | 31 A  | 31 A  | - |  |

| Connection data            |  |  |   |  |  |  |
|----------------------------|--|--|---|--|--|--|
| Clamping units             |  |  | 2 |  |  |  |
| Total number of potentials |  |  | 2 |  |  |  |
| Number of connection types |  |  | 1 |  |  |  |
| Number of levels           |  |  | 1 |  |  |  |

| Connection 1                                      |                                     |  |
|---------------------------------------------------|-------------------------------------|--|
| Connection technology                             | Push-in CAGE CLAMP®                 |  |
| Actuation type                                    | Lever                               |  |
| Solid conductor                                   | 0.2 ... 10 mm² / 24 ... 8 AWG       |  |
| Fine-stranded conductor                           | 0.2 ... 10 mm² / 24 ... 8 AWG       |  |
| Fine-stranded conductor; with insulated ferrule   | 0.2 ... 6 mm²                       |  |
| Fine-stranded conductor; with uninsulated ferrule | 0.5 ... 6 mm²                       |  |
| Fine-stranded conductor; with twin ferrule        | 0.25 ... 2.5 mm²                    |  |
| Strip length                                      | 11 ... 13 mm / 0.43 ... 0.51 inches |  |
| Conductor connection direction to PCB             | 0°                                  |  |
| Pole number                                       | 2                                   |  |

| Physical data                        |                         |  |
|--------------------------------------|-------------------------|--|
| Pin spacing                          | 7.5 mm / 0.295 inches   |  |
| Width                                | 17.85 mm / 0.703 inches |  |
| Height                               | 28 mm / 1.102 inches    |  |
| Height from the surface              | 24 mm / 0.945 inches    |  |
| Depth                                | 24.3 mm / 0.957 inches  |  |
| Solder pin length                    | 4 mm                    |  |
| Solder pin dimensions                | 1.5 x 1.2 mm            |  |
| Drilled hole diameter with tolerance | 2 (+0.1) mm             |  |

| PCB contact                         |                                            |  |
|-------------------------------------|--------------------------------------------|--|
| PCB contact                         | THT                                        |  |
| Solder pin arrangement              | over the entire terminal strip (staggered) |  |
| Number of solder pins per potential | 1                                          |  |



| Material data                      |  |                                                                          |
|------------------------------------|--|--------------------------------------------------------------------------|
| Note (material data)               |  | <a href="#">Information on material specifications can be found here</a> |
| Color                              |  | gray                                                                     |
| Material group                     |  | I                                                                        |
| Insulation material (main housing) |  | Polyamide (PA66)                                                         |
| Flammability class per UL94        |  | V0                                                                       |
| Clamping spring material           |  | Chrome-nickel spring steel (CrNi)                                        |
| Contact material                   |  | Electrolytic copper (E <sub>Cu</sub> )                                   |
| Contact Plating                    |  | Tin                                                                      |
| Fire load                          |  | 0.137 MJ                                                                 |
| Actuator color                     |  | orange                                                                   |
| Weight                             |  | 8.1 g                                                                    |

| Environmental requirements       |  |                 |
|----------------------------------|--|-----------------|
| Limit temperature range          |  | -60 ... +105 °C |
| Processing temperature           |  | -35 ... +60 °C  |
| Continuous operating temperature |  | -60 ... +105 °C |

| Commercial data       |  |               |
|-----------------------|--|---------------|
| PU (SPU)              |  | 99 pcs        |
| Packaging type        |  | Box           |
| Country of origin     |  | PL            |
| GTIN                  |  | 4066966435917 |
| Customs tariff number |  | 85369010000   |

| Product Classification |  |                      |
|------------------------|--|----------------------|
| UNSPSC                 |  | 39121409             |
| eCl@ss 10.0            |  | 27-44-04-01          |
| eCl@ss 9.0             |  | 27-44-04-01          |
| ETIM 9.0               |  | EC002643             |
| ETIM 8.0               |  | EC002643             |
| ECCN                   |  | NO US CLASSIFICATION |

| Environmental Product Compliance |  |                         |
|----------------------------------|--|-------------------------|
| RoHS Compliance Status           |  | Compliant, No Exemption |

## Approvals / Certificates

### General approvals



| Approval                             | Standard      | Certificate Name                    |
|--------------------------------------|---------------|-------------------------------------|
| CB<br>DEKRA Certification B.V.       | IEC 60947-7-4 | NL-103311                           |
| CSA<br>CSA Group                     | C22.2         | 70146882                            |
| UL<br>Underwriters Laboratories Inc. | UL 1059       | UL-US-<br>L45172-6187172-92117102-1 |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance

2606-1102/020-000

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Documentation

Additional Information

Technical Section

03.04.2019

pdf

2027.26 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models

2606-1102/020-000

↓

CAE data

ZUKEN Portal

2606-1102/020-000

↓

PCB Design

Symbol and Footprint via SamacSys

2606-1102/020-000

↓

Symbol and Footprint via Ultra Librarian

2606-1102/020-000

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1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



[Item No.: 216-263](#)

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



[Item No.: 216-264](#)

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



[Item No.: 216-266](#)

Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



[Item No.: 216-267](#)

Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



[Item No.: 216-208](#)

Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow

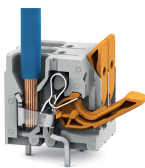


[Item No.: 216-108](#)

Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated; silver-colored

## Installation Notes

### Conductor termination



Insert fine-stranded conductors – and remove all conductors – via operating tool.

### Conductor termination



Insert solid conductors via push-in termination.