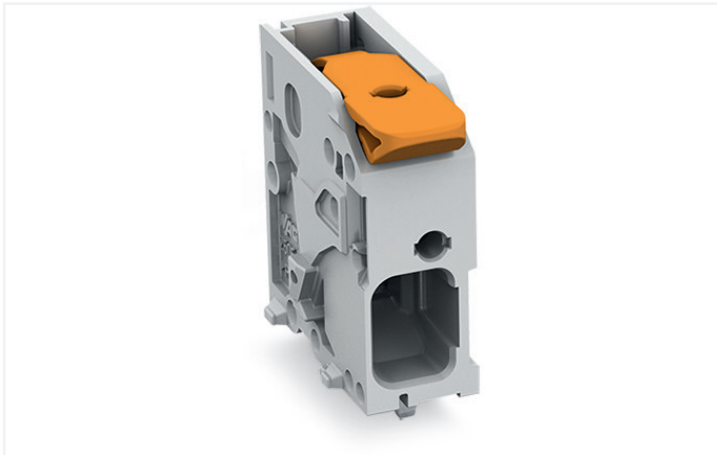


# Data Sheet | Item Number: 2606-1101

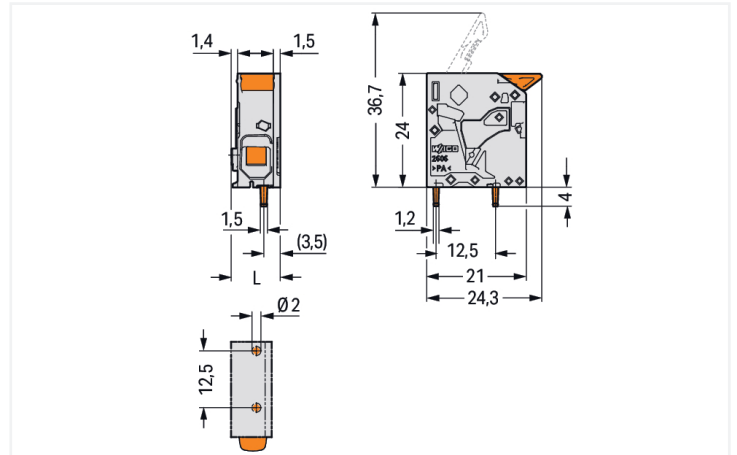
PCB terminal block; lever; 6 mm<sup>2</sup>; Pin spacing 7.5 mm; 1-pole; Push-in CAGE

CLAMP®; 6,00 mm<sup>2</sup>; gray

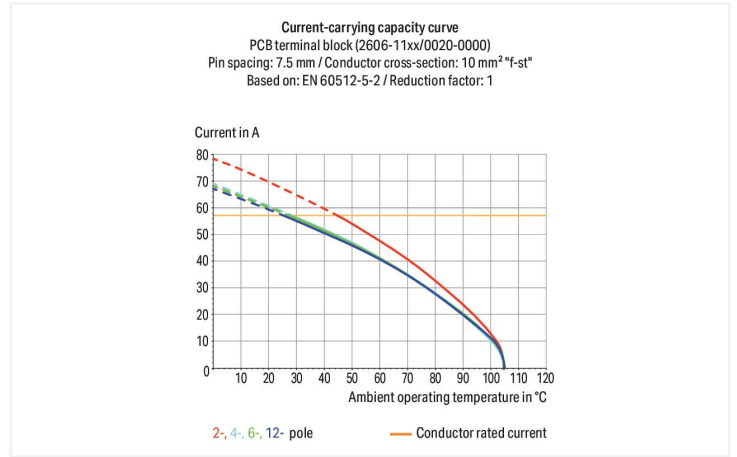
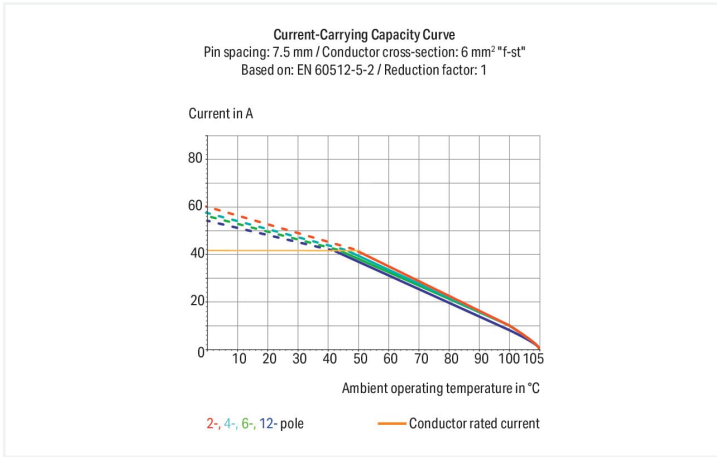
<https://www.wago.com/2606-1101>



Color: ■ gray



Dimensions in mm  
L = 10.35 mm



- PCB terminal blocks with Push-in CAGE CLAMP® connection and levers
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously, simplifying the connection of multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry

## Notes

Note

The inherent stability of a single-pole PCB terminal block is less than that of a multi-pole terminal strip. The customer must therefore ensure that these terminal blocks are protected against excessive mechanical stress (e.g., torsional or bending stress), both when connecting the conductor and during subsequent use, for example by providing additional support, shortly holding the connected conductor and appropriate actuation instructions.

Variants:

Other pole numbers  
Direct marking  
Other colors  
Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

## Electrical data

| Ratings per          | IEC/EN 60664-1 |        |        |
|----------------------|----------------|--------|--------|
| Overvoltage category | III            | III    | II     |
| Pollution degree     | 3              | 2      | 2      |
| Nominal voltage      | 1000 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 | 1000 V | - |
| Rated current | 31 A  | 31 A   | - |

## Connection data

|                            |   |
|----------------------------|---|
| Connection points          | 1 |
| Total number of potentials | 1 |
| 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 mm <sup>2</sup> / 24 ... 8 AWG |
| Fine-stranded conductor                           | 0.2 ... 10 mm <sup>2</sup> / 24 ... 8 AWG |
| Fine-stranded conductor; with insulated ferrule   | 0.25 ... 6 mm <sup>2</sup>                |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 6 mm <sup>2</sup>                |
| Fine-stranded conductor; with twin ferrule        | 0.25 ... 2.5 mm <sup>2</sup>              |
| Strip length                                      | 11 ... 13 mm / 0.43 ... 0.51 inches       |
| Conductor connection direction to PCB             | 0°  |
| Pole number                                       | 1   |

## Physical data

|                                      |                         |
|--------------------------------------|-------------------------|
| Pin spacing                          | 7.5 mm / 0.295 inches   |
| Width                                | 10.35 mm / 0.407 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 <sup>(+0.1)</sup> mm  |

## PCB contact

|                                     |  |
|-------------------------------------|--|
| PCB contact                         | THT                                      |
| Solder pin arrangement              | over the entire terminal strip (in-line) |
| Number of solder pins per potential | 2  |

## Material data

Note (material data)

[Information on material specifications can be found here](#)

|                             |  |
|-----------------------------|--|
| Color                       | gray                                   |
| Material group              | I                                      |
| Insulation material         | 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                   | 0.101 MJ                               |
| Actuator color              | orange                                 |
| Weight                      | 4.5 g                                  |

## Environmental requirements

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

## Commercial data

|                       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-44-04-01   |
| eCl@ss 9.0            | 27-44-04-01   |
| ETIM 8.0              | EC002643      |
| ETIM 7.0              | EC002643      |
| PU (SPU)              | 200 pcs       |
| Packaging type        | Box           |
| Country of origin     | PL            |
| GTIN                  | 4055143586405 |
| Customs tariff number | 85369010000   |

## 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         |
| cURus<br>Underwriters Laboratories<br>Inc. | UL 1059       | E45172           |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2606-1101



Documentation

Additional Information

Technical Section

03.04.2019

pdf

2027.26 KB



CAD/CAE-Data

CAD data

2D/3D Models  
2606-1101



CAE data

ZUKEN Portal  
2606-1101



PCB Design

Symbol and Footprint  
via SamacSys  
2606-1101



Symbol and Footprint  
via Ultra Librarian  
2606-1101



1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



**Item No.: 216-263**

Ferrule; Sleeve for 1 mm<sup>2</sup> / 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 mm<sup>2</sup> / 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 mm<sup>2</sup> / 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 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



**Item No.: 216-208**

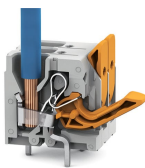
Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow

**Item No.: 216-108**

Ferrule; Sleeve for 6 mm<sup>2</sup> / AWG 10; un-insulated; 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.