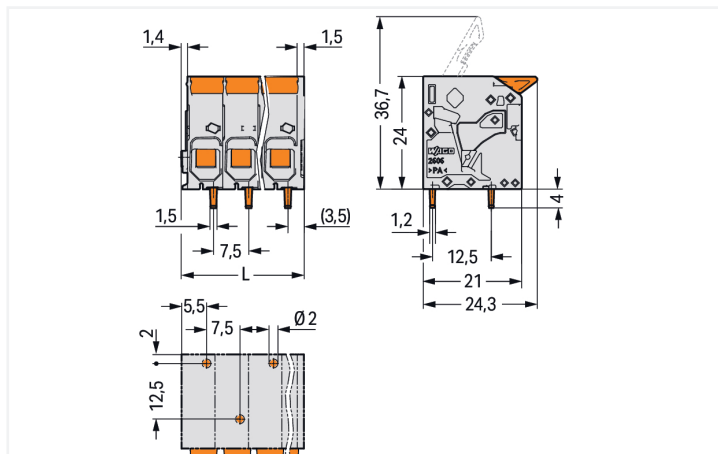


PCB terminal block; lever; 6 mm²; Pin spacing 7.5 mm; 6-pole; Push-in CAGE CLAMP®; gray

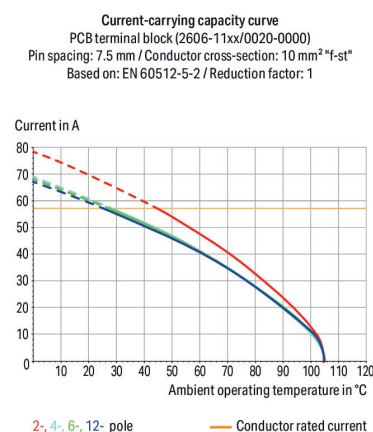
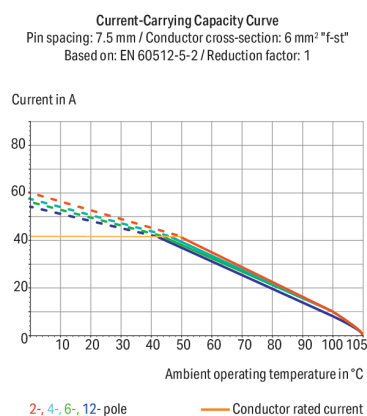
<https://www.wago.com/2606-1106/020-000>



Color: gray



Dimensions in mm

$$L = (\text{pole no.} - 1) \times \text{pin spacing} + 10.35 \text{ mm}$$


PCB terminal block, 2606 Series, 0 °conductor entry to board

Connecting conductors is quick and easy with this PCB terminal block (item number 2606-1106/020-000). It is a universal connector that can be used practically anywhere, for example, as a pluggable PCB connector, panel feedthrough header, connector for rail-mount terminal blocks, or a floating connector for different mounting methods. Our PCB terminal block is rated for 1000 V and is designed to handle a rated current of up to 41 A. As such, it is suitable for high-load applications. Ensure that the strip lengths are between 11 mm and 13 mm when connecting conductors to this PCB terminal block. Featuring one conductor terminal along with Push-in CAGE CLAMP®, this product delivers reliable performance. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, offering a key advantage: It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing tools. No preparation is required; for example, crimping the conductor's ferrule is not necessary. The item's dimensions are 47.85 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 features one level and six clamping points for connecting six potentials / 6 poles. The gray housing is made of polyamide (PA66) for insulation, the contacts are made of electrolytic copper (ECu), and the clamping spring is made of chrome-nickel spring steel (CrNi). Tin is used for coating the contact surfaces. A lever is used to operate this PCB terminal block. The PCB terminal block is designed for THT soldering. Insert the conductor into the board at an angle of 0°. The solder pins, which are 1.5 x 1.2 mm in cross-section and 4 mm long, are arranged over the entire terminal strip (staggered). There are one solder pin per potential.



| Notes | |
|-----------|--|
| 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 | | 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 | 6 | |
| Total number of potentials | 6 | |
| 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 | 6 |

| Physical data | |
|--------------------------------------|-------------------------|
| Pin spacing | 7.5 mm / 0.295 inches |
| Width | 47.85 mm / 1.884 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) | | Information on material specifications can be found here |
| 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 _{Cu}) |
| Contact Plating | | Tin |
| Fire load | | 0.374 MJ |
| Actuator color | | orange |
| Weight | | 23.2 g |

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

| Commercial data | | |
|-----------------------|--|---------------|
| PU (SPU) | | 40 pcs |
| Packaging type | | Box |
| Country of origin | | PL |
| GTIN | | 4055143586450 |
| 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 DEKRA Certification B.V. | IEC 60947-7-4 | NL-103311 |
| CSA CSA Group | C22.2 | 70146882 |
| UL Underwriters Laboratories Inc. | UL 1059 | UL-US- L45172-6187172-92117102-1 |

Downloads

Environmental Product Compliance

| Compliance Search | |
|---|--|
| Environmental Product Compliance 2606-1106/020-000 | |

Documentation

| Additional Information | | | |
|------------------------|------------|-------------------|--|
| Technical Section | 03.04.2019 | pdf 2027.26 KB | |

CAD/CAE-Data

| CAD data | |
|-----------------------------------|--|
| 2D/3D Models 2606-1106/020-000 | |

| CAE data | |
|-----------------------------------|--|
| ZUKEN Portal 2606-1106/020-000 | |

| PCB Design | |
|--|--|
| Symbol and Footprint via SamacSys 2606-1106/020-000 | |
| Symbol and Footprint via Ultra Librarian 2606-1106/020-000 | |

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



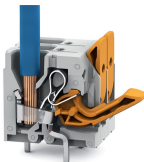
Item No.: 216-208
Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow



Item No.: 216-108
Ferrule; Sleeve for 6 mm² / AWG 10; 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.