**Data sheet | Item number: 2606-3103/020-000**

PCB terminal block; Push-in CAGE CLAMP with operating lever; AWG 24 - 8; Pin spacing 7.5 mm; W pinning; 3-pole; top entry; gray

www.wago.com/2606-3103/020-000

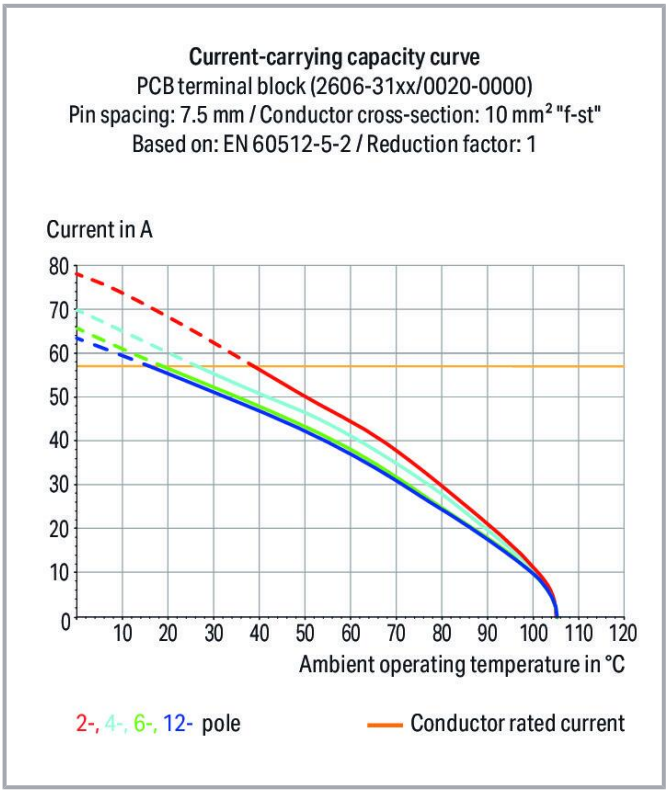


Color:

Subject to changes. Please also observe the further product documentation!

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
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Dimensions in mm

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

## Item description

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

## Data
### 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 https://configurator.wago.com/ |

### Electrical data

| | |
|---|---|
| Ratings per | IEC/EN 60664-1 |
| Rated voltage (III / 3) | 800 V |
| Rated surge voltage (III/3) | 8 kV |
| Rated voltage (III/2) | 1000 V |
| Rated surge voltage (III/2) | 8 kV |
| Nominal voltage (II/2) | 1000 V |
| Rated surge voltage (II/2) | 8 kV |
| Rated current | 41 A |
| Legend (ratings) | (III / 2) ≙ Overvoltage category III / Pollution degree 2 |
| Approvals per | UL 1059 |
| Rated voltage UL (Use Group B) | 600 V |
| Rated current UL (Use Group B) | 31 A |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 31 A |
| Approvals per | CSA |
| Rated voltage CSA (Use Group B) | 600 V |
| Rated current CSA (Use Group B) | 31 A |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 31 A |

### Connection data

| | |
|---|---|
| Total number of connection points | 3 |
| Total number of potentials | 3 |
| Number of connection types | 1 |
| Number of levels | 1 |
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Lever |

Subject to changes. Please also observe the further product documentation!

| | |
|---|---|
| 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 | 0.25 … 6 mm² |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 … 6 mm² |
| Fine-stranded conductor; with twin ferrule | 0.25 … 2.5 mm² |
| Strip length | 11 … 13 mm / 0.43 … 0.51 inch |
| Conductor connection direction to PCB | 90 ° |
| Number of poles | 3 |

## Physical data

| | |
|---|---|
| Pin spacing | 7.5 mm / 0.295 inch |
| Width | 25.35 mm / 0.998 inch |
| Height | 31 mm / 1.22 inch |
| Height from the surface | 27 mm / 1.063 inch |
| Depth | 24 mm / 0.945 inch |
| 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

| | |
|---|---|
| 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 ($E_{Cu}$) |
| Contact plating | tin-plated |
| Color of actuator | orange |
| Weight | 13.2 g |

Subject to changes. Please also observe the further product documentation!

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## Environmental requirements

| | |
|---|---|
| Limit temperature range | -60 … +105 °C |

## Commercial data

| | |
|---|---|
| PU (SPU) | 80 Stück |
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4055143586610 |
| Customs tariff number | 8536904000 |

## Approvals / Certificates

### Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|---|---|---|---|
| | **CB**<br>DEKRA Certification B.V. | IEC 60947-7-4 | NL-64739 |
| | **CSA**<br>DEKRA Certification B.V. | C22.2 | 70146882 |
| | **KEMA/KEUR**<br>DEKRA Certification B.V. | EN 60947-7-4 | 71-113203 |

### UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|---|---|---|---|
| | **cURus**<br>Underwriters Laboratories Inc. | UL 1059 | E45172 |

## Optional accessories

### Ferrules

| Ferrule | | |
|---|---|---|
| | **Item no.: 216-108**<br>Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated; silver-colored | www.wago.com/216-108 |

Subject to changes. Please also observe the further product documentation!

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| | | |
|---|---|---|
|  | **Item no.: 216-208**<br>Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow | www.wago.com/216-208 |
|  | **Item no.: 216-263**<br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red | www.wago.com/216-263 |
|  | **Item no.: 216-266**<br>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 | www.wago.com/216-266 |
|  | **Item no.: 216-264**<br>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 | www.wago.com/216-264 |
|  | **Item no.: 216-267**<br>Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | www.wago.com/216-267 |

## Downloads

### Documentation

**Additional Information**

| | | | |
|---|---|---|---|
| Technical explanations | Apr 3, 2019 | pdf<br>2.0 MB | Download |

## CAD files

**PCB Design**

| | | |
|---|---|---|
| Symbol and Footprint 2606-3103/020-000<br>CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment. | URL | Download |

**Supported formats:**

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture



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- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

**CAE data**

| | | |
|---|---|---|
| ZUKEN Portal 2606-3103/020-000 | URL | Download |

**CAD data**

| | | |
|---|---|---|
| 2D/3D Models 2606-3103/020-000 | URL | Download |

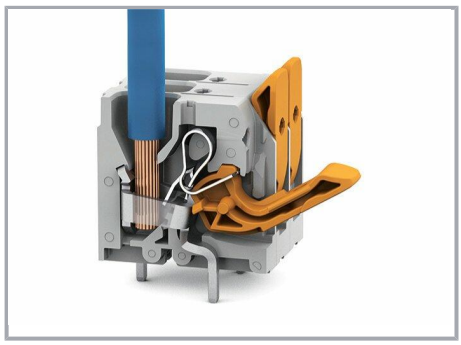
## Environmental Product Compliance

**Compliance Search**

| | | |
|---|---|---|
| Environmental Product Compliance 2606-3103/020-000<br>PCB terminal block; lever; 6 mm²; Pin spacing 7.5 mm; 3-pole; Push-in CAGE CLAMP®; 6,00 mm²; gray | URL | Download |

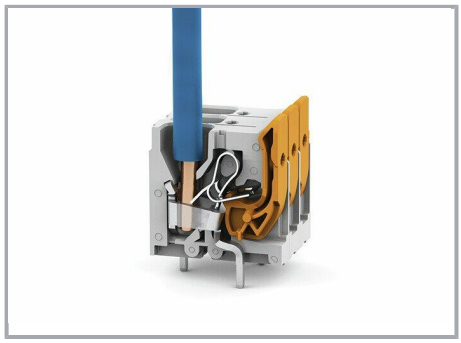
## Installation Notes

**Conductor termination**



Insert fine-stranded conductors and remove all conductors via lever

**Conductor termination**



Insert solid or ferruled conductors via push-in termination



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