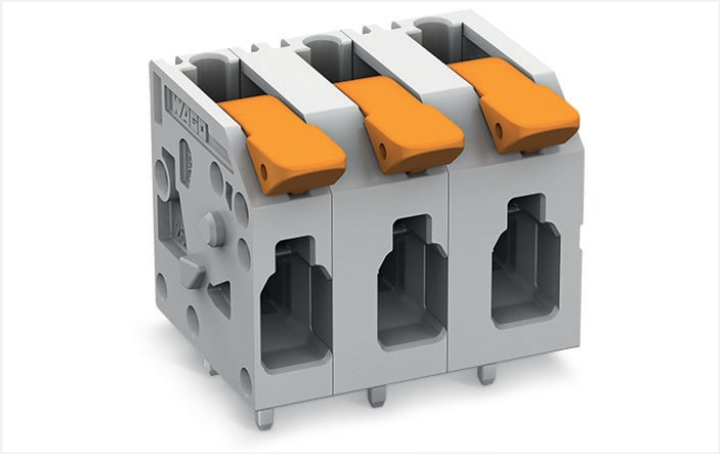
# Data Sheet | Item Number: 2604-1308

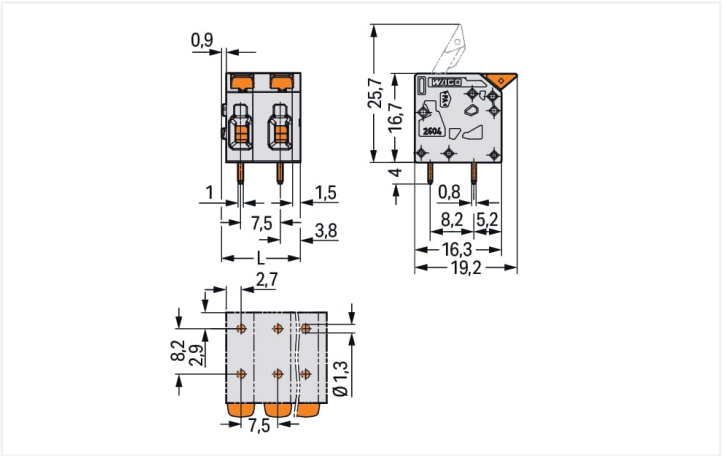
PCB terminal block; lever; 4 mm²; Pin spacing 7.5 mm; 8-pole; Push-in CAGE CLAMP®; 4,00 mm²; gray

https://www.wago.com/2604-1308

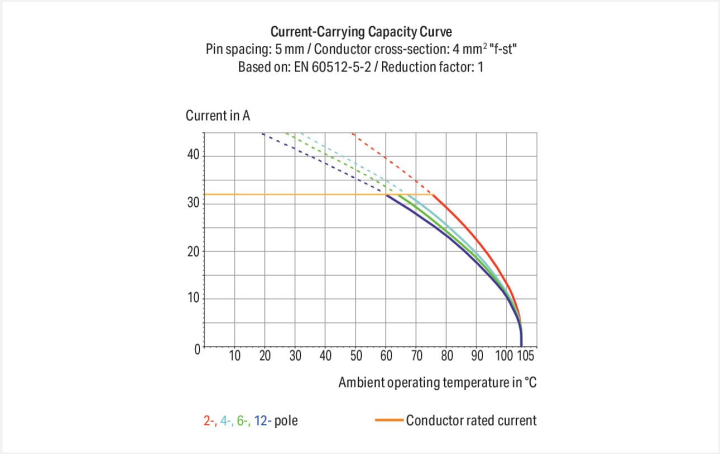


Color: gray

Similar to illustration




Dimensions in mm
L = (pole no. – 1) x pin spacing + 7.4 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

| | |
|---|---|
| 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 | | |
|---|---|---|---|
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Nominal voltage | 630 V | 1000 V | 1000 V |
| Rated surge voltage | 6 kV | 6 kV | 6 kV |
| Rated current | 32 A | 32 A | 32 A |

| Approvals per | UL 1059 | | |
|---|---|---|---|
| Use group | B | C | D |
| Rated voltage | 300 V | 300 V | 600 V |
| Rated current | 20 A | 20 A | 5 A |

| Approvals per | CSA | | |
|---|---|---|---|
| Use group | B | C | D |
| Rated voltage | 300 V | 300 V | 600 V |
| Rated current | 20 A | 20 A | 5 A |

## Connection data

| | |
|---|---|
| Connection points | 8 |
| Total number of potentials | 8 |
| Number of connection types | 1 |
| Number of levels | 1 |

### Connection 1

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Lever |
| Solid conductor | 0.2 … 4 mm² / 24 … 12 AWG |
| Fine-stranded conductor | 0.2 … 4 mm² / 24 … 12 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.25 … 2.5 mm² |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 … 2.5 mm² |
| Fine-stranded conductor; with twin ferrule | 0.25 … 1.5 mm² |
| Strip length | 9 … 11 mm / 0.35 … 0.43 inches |
| Conductor connection direction to PCB | 0 ° |
| Pole number | 8 |

## Physical data

| | |
|---|---|
| Pin spacing | 7.5 mm / 0.295 inches |
| Width | 59.9 mm / 2.358 inches |
| Height | 20.7 mm / 0.815 inches |
| Height from the surface | 16.7 mm / 0.657 inches |
| Depth | 19.2 mm / 0.756 inches |
| Solder pin length | 4 mm |
| Solder pin dimensions | 0.8 x 1 mm |
| Drilled hole diameter with tolerance | 1.3 $^{(+0.1)}$ 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) | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| 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 |
| Fire load | 0.152 MJ |
| Actuator color | orange |
| Weight | 14.8 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) | 35 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4055143564533 |
| 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-61583 |
| CSA<br>DEKRA Certification B.V. | C22.2 No. 158 | 70117145 |
| cURus<br>Underwriters Laboratories Inc. | UL 1059 | E45172 |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947-7-4 | 71-100535 |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 2604-1308

 Continued on next page

## Documentation

### Additional Information

| | | |
|---|---|---|
| Technical Section | 03.04.2019 | pdf<br>2010.85 KB |

## CAD/CAE-Data

### CAD data

2D/3D Models
2604-1308

### CAE data

ZUKEN Portal
2604-1308

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Ferrule

##### 1.1.1.1 Ferrule



Item No.: 216-241
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white



Item No.: 216-242
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-243
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.: 216-244
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



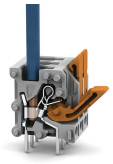
Item No.: 216-246
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



Item No.: 216-106
Ferrule; Sleeve for 2.5 mm² / AWG 14; 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.