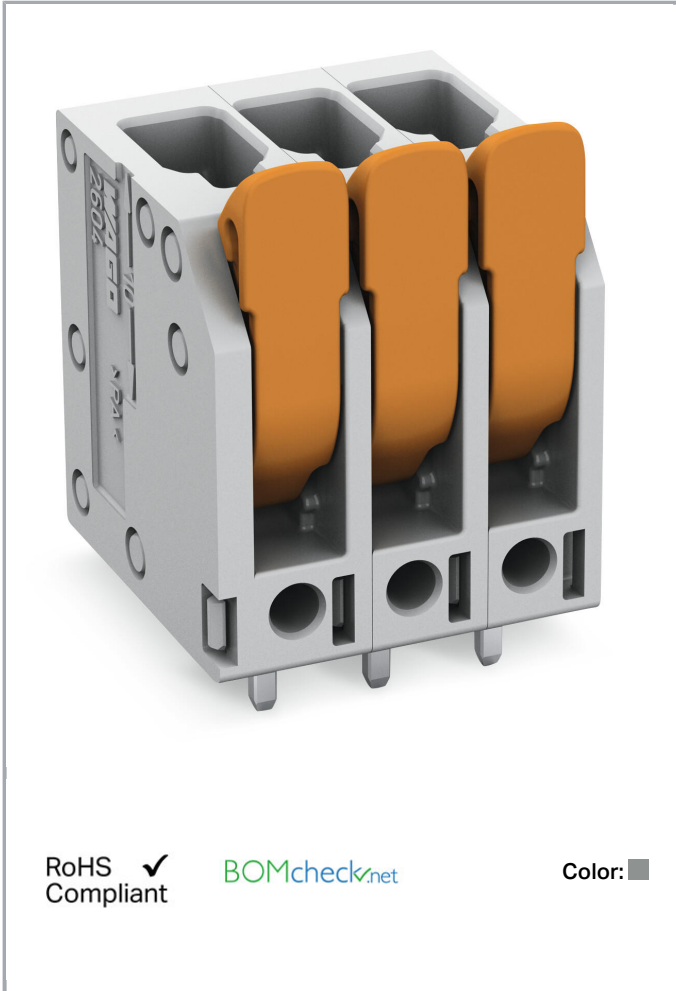


Data sheet | Item number: 2604-3108

PCB terminal block; lever; 4 mm<sup>2</sup>; Pin spacing 5 mm; 8-pole; Push-in CAGE CLAMP®; 4,00 mm<sup>2</sup>; gray



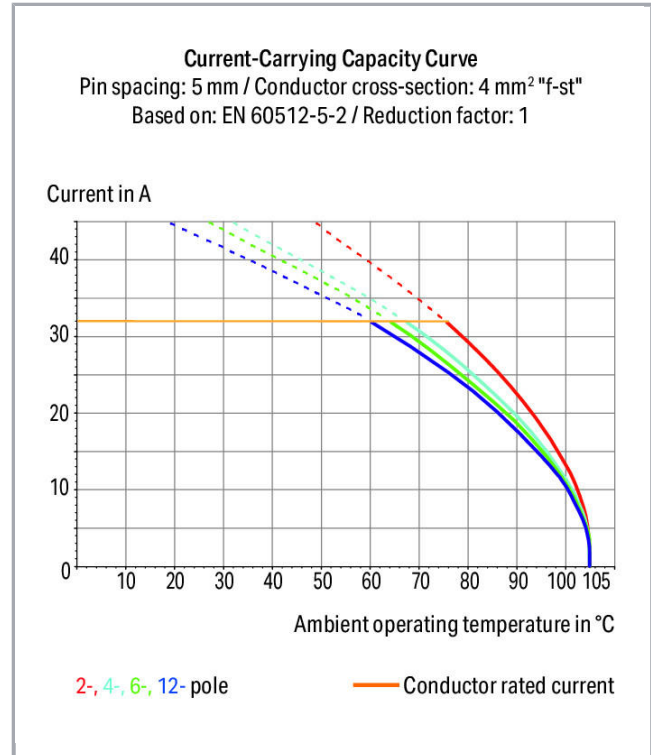
[www.wago.com/2604-3108](http://www.wago.com/2604-3108)

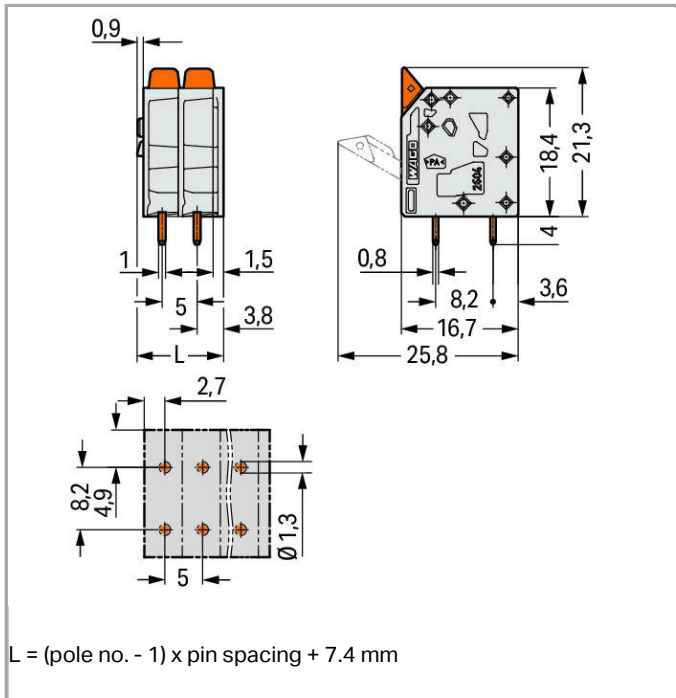


RoHS  
Compliant ✓

BOMcheck.net

Color: ■





### Item description

- PCB terminal strips with lever-actuated 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

#### Electrical data

#### Ratings per IEC/EN 60664-1

|                                 |   |
|---------------------------------|---|
| Rated voltage (III / 3)         | 320 V   |
| Rated impulse voltage (III / 3) | 4 kV  |
| Rated voltage (III / 2)         | 400 V   |
| Rated impulse voltage (III / 2) | 4 kV  |
| Rated voltage (II / 2)          | 630 V   |
| Rated impulse voltage (II / 2)  | 4 kV  |
| Rated current                   | 32 A  |
| Legend (ratings)                | (III / 2) ≙ Overvoltage category III / Pollution degree 2 |

#### Approvals per UL 1059

|                                |       |
|--------------------------------|-------|
| Rated voltage UL (Use Group B) | 300 V |
| Rated current UL (Use Group B) | 20 A  |



|                                |       |
|--------------------------------|-------|
| Rated voltage UL (Use Group D) | 300 V |
| Rated current UL (Use Group D) | 10 A  |

### Connection data

|   |   |
|---|---|
| Connection technology                                       | Push-in CAGE CLAMP®                       |
| Actuation type  | Lever                                     |
| Solid conductor   | 0.2 ... 4 mm <sup>2</sup> / 24 ... 12 AWG |
| Fine-stranded conductor                                     | 0.2 ... 4 mm <sup>2</sup> / 24 ... 12 AWG |
| Fine-stranded conductor with ferrule with plastic collar    | 0.25 ... 2.5 mm <sup>2</sup>              |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 ... 2.5 mm <sup>2</sup>              |
| Fine-stranded conductor, with twin ferrule                  | 0.25 ... 1.5 mm <sup>2</sup>              |
| Strip length  | 9 ... 11 mm / 0.35 ... 0.43 inch          |
| Conductor entry angle to the PCB                            | 90°                                       |
| No. of poles  | 8   |
| Total number of connection points                           | 8   |
| Total number of potentials                                  | 8   |
| Number of connection types                                  | 1   |
| Number of levels  | 1   |

### Geometrical Data

|                                   |                                |
|-----------------------------------|--------------------------------|
| Pin spacing                       | 5 mm / 0.197 inch              |
| Width                             | 42.4 mm / 1.669 inch           |
| Height                            | 25.3 mm / 0.996 inch           |
| Height from the surface           | 21.3 mm / 0.839 inch           |
| Depth                             | 16.7 mm / 0.657 inch           |
| Solder pin length                 | 4 mm                           |
| Solder pin dimensions             | 0.8 x 1 mm                     |
| Drilled hole diameter (tolerance) | 1.3 <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

|                             |                      |
|-----------------------------|----------------------|
| Color                       | gray                 |
| Material group              | I                    |
| Insulating material         | Polyamide 66 (PA 66) |
| Flammability class per UL94 | V0                   |

|                          |  |
|--------------------------|--|
| Clamping spring material | Chrome nickel spring steel (CrNi)      |
| Contact material         | Electrolytic copper (E <sub>Cu</sub> ) |
| Contact plating          | tin-plated                             |
| Actuating element color  | orange                                 |
| Weight                   | 13.256 g                               |

### Environmental Requirements



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

### Commercial data


|                    |               |
|--------------------|---------------|
| Packaging type     | BOX           |
| Country of origin  | DE            |
| GTIN               | 4055143564779 |
| Customs Tariff No. | 85369010000   |

### Approvals / Certificates

#### Country specific Approvals







| Logo   | Approval                                     | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | <b>CB</b><br>DEKRA Certification B.V.        | EN 60947-7-4             | NL-47057         |
|  | <b>CSA</b><br>DEKRA Certification B.V.       | C22.2 No. 158            | 70117145         |
|  | <b>KEMA/KEUR</b><br>DEKRA Certification B.V. | EN 60947-7-4             | 71-100535        |

#### UL-Approvals

| Logo   | Approval                                       | Additional Approval Text | Certificate name  |
|--|--|--------------------------|-------------------|
|  | <b>cURus</b><br>Underwriters Laboratories Inc. | UL 1059                  | E45172<br>sec. 71 |

### Compatible products

ferrule

|  |  |  |
|--|--|--|
|  | <b>Item no.: 216-106</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-106">www.wago.com/216-106</a> |
|  | <b>Item no.: 216-241</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white | <a href="http://www.wago.com/216-241">www.wago.com/216-241</a> |
|  | <b>Item no.: 216-242</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | <a href="http://www.wago.com/216-242">www.wago.com/216-242</a> |
|  | <b>Item no.: 216-243</b><br>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     | <a href="http://www.wago.com/216-243">www.wago.com/216-243</a> |
|  | <b>Item no.: 216-244</b><br>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 | <a href="http://www.wago.com/216-244">www.wago.com/216-244</a> |
|  | <b>Item no.: 216-246</b><br>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  | <a href="http://www.wago.com/216-246">www.wago.com/216-246</a> |

## Downloads

### Documentation

#### Additional Information

|                        |             |               |          |
|------------------------|-------------|---------------|----------|
| Technical explanations | Apr 3, 2019 | pdf<br>3.6 MB | Download |
|------------------------|-------------|---------------|----------|

## CAD/CAE-Data

### CAD data

|                        |     |          |
|------------------------|-----|----------|
| 2D/3D Models 2604-3108 | URL | Download |
|------------------------|-----|----------|

### PCB

|                                |     |          |
|--------------------------------|-----|----------|
| Symbol and Footprint 2604-3108 | URL | Download |
|--------------------------------|-----|----------|

## Handling Instructions

Subject to changes.

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Do you have any questions about our products?  
 We are always happy to take your call at +49 (571) 887-44222.