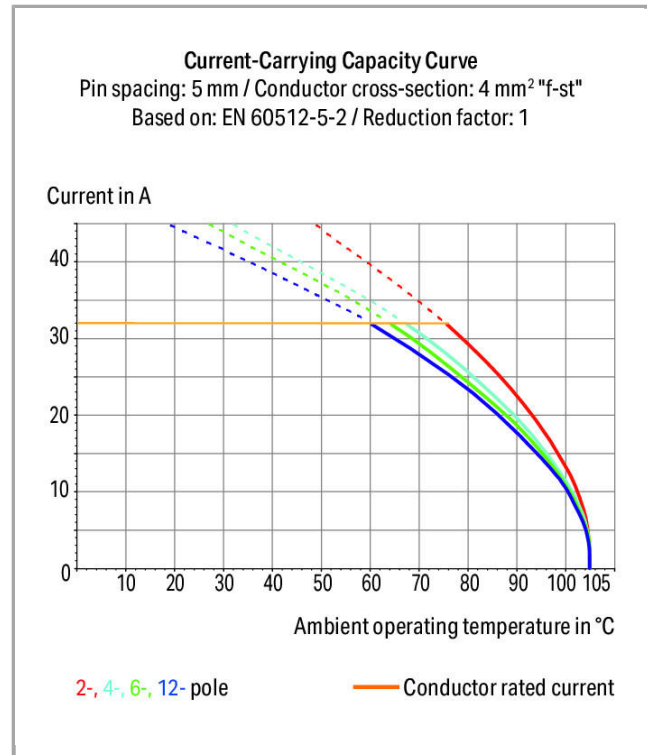
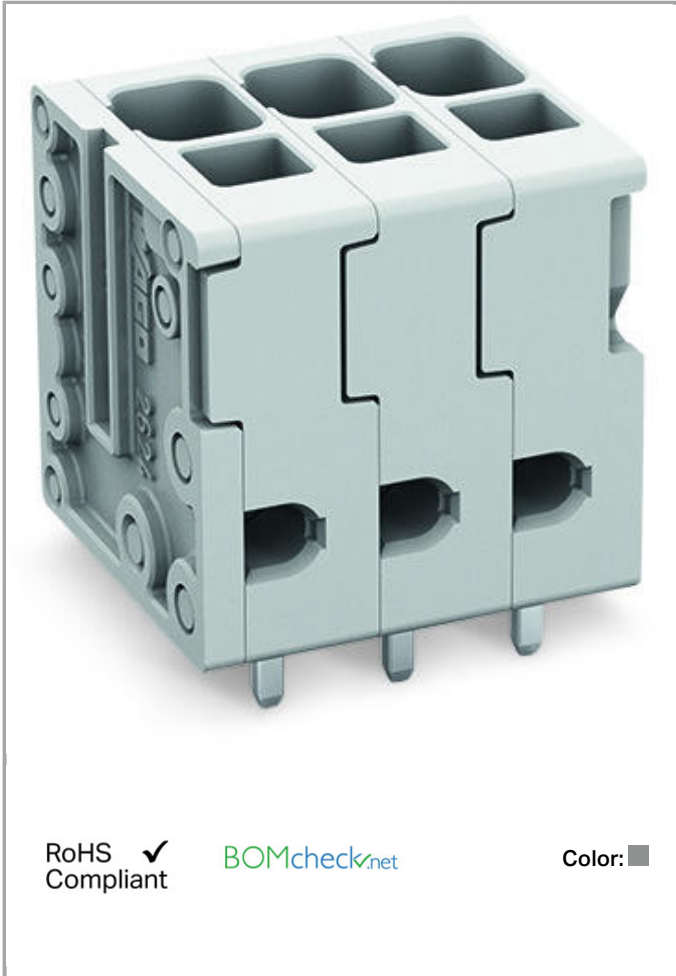


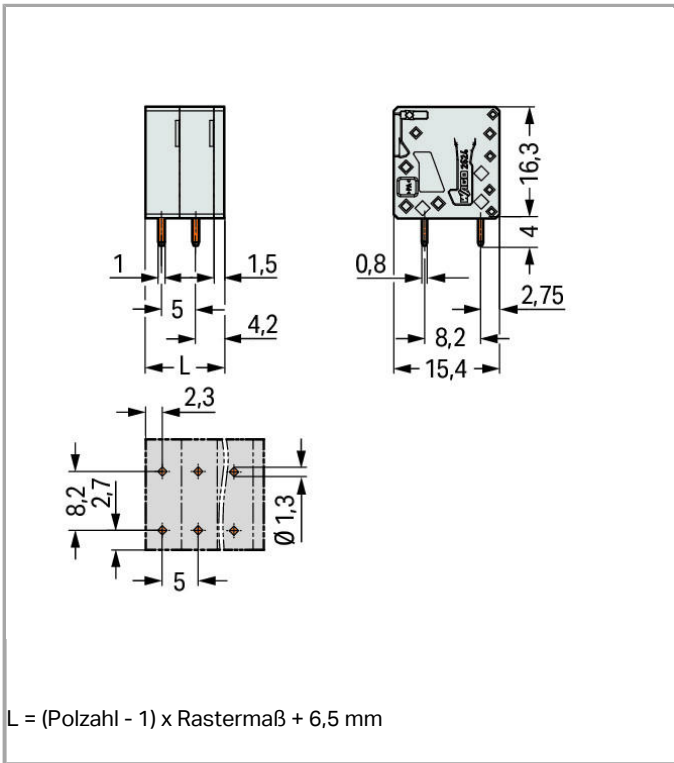
Data sheet | Item number: 2624-3106

PCB terminal block; 4 mm<sup>2</sup>; Pin spacing 5 mm; 6-pole; Push-in CAGE CLAMP®



[www.wago.com/2624-3106](http://www.wago.com/2624-3106)





### Item description

- PCB terminal blocks with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry
- 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                   | 41 A  |

#### Approvals per UL 1059

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



|                                |       |
|--------------------------------|-------|
| Rated current UL (Use Group B) | 26 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  | Operating tool                            |
| Solid conductor   | 0.2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG |
| Fine-stranded conductor                                     | 0.2 ... 6 mm <sup>2</sup> / 24 ... 10 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  | 10 ... 12 mm / 0.39 ... 0.47 inch         |
| Conductor entry angle to the PCB                            | 90°                                       |
| No. of poles  | 6   |
| Total number of connection points                           | 6   |
| Total number of potentials                                  | 6   |
| Number of connection types                                  | 1   |
| Number of levels  | 1   |

### Geometrical Data

|                                   |                                |
|-----------------------------------|--------------------------------|
| Pin spacing                       | 5 mm / 0.197 inch              |
| Width                             | 31.5 mm / 1.24 inch            |
| Height                            | 20.3 mm / 0.799 inch           |
| Height from the surface           | 16.3 mm / 0.642 inch           |
| Depth                             | 15.4 mm / 0.606 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 |

### Mechanical data

|                  |                       |
|------------------|-----------------------|
| Type of mounting | Feed-through mounting |
|------------------|-----------------------|

### 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                             |
| Fire load                   | 0MJ                                    |
| Weight                      | 9.734 g                                |

## Environmental Requirements



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

## Commercial data


|                   |               |
|-------------------|---------------|
| Country of origin | DE            |
| GTIN              | 4055143578783 |

## 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 |



Subject to changes.

---

WAGO Kontakttechnik GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at {0}.