**Data sheet | Item number: 2624-1107**

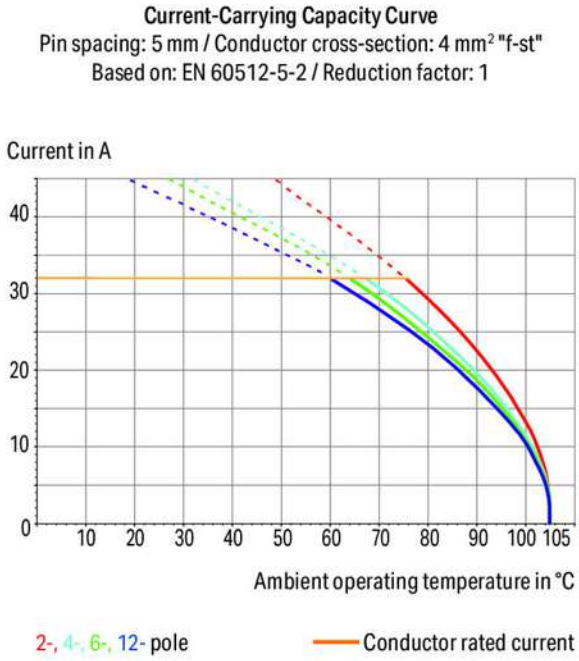
PCB terminal block; 4 mm²; Pin spacing 5 mm; 7-pole; Push-in CAGE CLAMP®; 4,00 mm²; gray

www.wago.com/2624-1107

RoHS ✓ Compliant

BOMcheck.net

Color:




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

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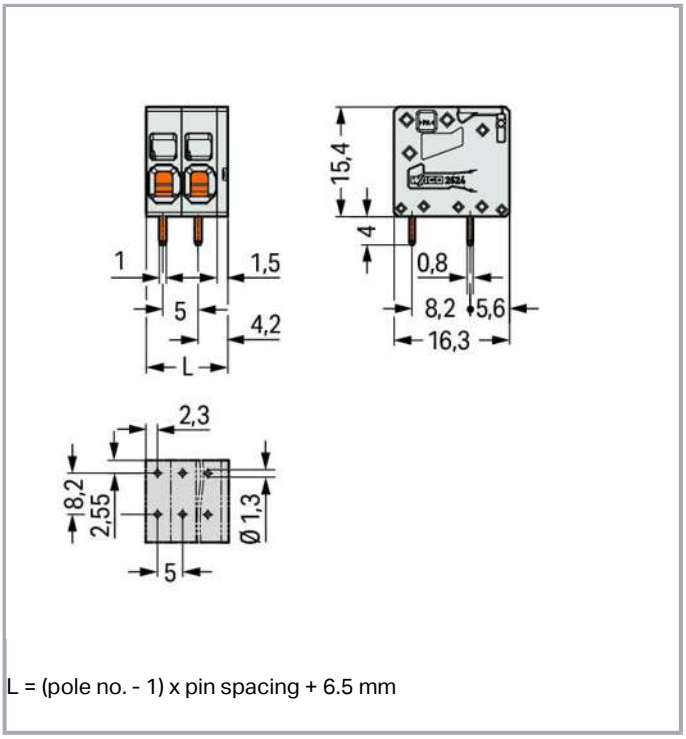


L = (pole no. - 1) x pin spacing + 6.5 mm

## Item description

- PCB terminal strips 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

| | |
|---|---|
| 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 |
| Legend (ratings) | (III / 2) ≙ Overvoltage category III / Pollution degree 2 |

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## 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 |
| Approvals per | UL 1059 |

## Connection data

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Operating tool |
| Solid conductor | 0,2 … 6 mm² / 24 … 10 AWG |
| Fine-stranded conductor | 0,2 … 6 mm² / 24 … 10 AWG |
| Fine-stranded conductor with ferrule with plastic collar | 0,25 … 2,5 mm² |
| Fine-stranded conductor with ferrule without plastic collar | 0,25 … 2,5 mm² |
| Fine-stranded conductor, with twin ferrule | 0,25 … 1,5 mm² |
| Strip length | 10 … 12 mm / 0.39 … 0.47 inch |
| Conductor entry angle to the PCB | 0 ° |
| No. of poles | 7 |
| Total number of connection points | 7 |
| Total number of potentials | 7 |
| Number of connection types | 1 |
| Number of levels | 1 |

## Geometrical Data

| | |
|---|---|
| Pin spacing | 5 mm / 0.197 inch |
| Width | 36,5 mm / 1.437 inch |
| Height | 19,4 mm / 0.764 inch |
| Height from the surface | 15,4 mm / 0.606 inch |
| Depth | 16,3 mm / 0.642 inch |
| Solder pin length | 4 mm |
| Solder pin dimensions | 0,8 x 1 mm |
| Drilled hole diameter (tolerance) | 1,3 $^{(+0,1)}$ mm |

## Mechanical data

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

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## 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 ($E_{Cu}$) |
| Contact plating | tin-plated |
| Weight | 11.5 g |

## Environmental Requirements

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

## Commercial data

| | |
|---|---|
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4055143578356 |
| Customs Tariff No. | 85369010000 |

## Approvals / Certificates

### Country specific Approvals

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

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UL-Approvals

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

## Counterpart

## Compatible products

**tools**

| | | |
|---|---|---|
| | **Item no.: 210-720**<br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft | www.wago.com/210-720 |

**ferrule**

| | | |
|---|---|---|
| | **Item no.: 216-106**<br>Ferrule; Sleeve for 2.5 mm² / AWG 14; uninsulated; electro-tin plated | www.wago.com/216-106 |
| | **Item no.: 216-241**<br>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 | www.wago.com/216-241 |
| | **Item no.: 216-242**<br>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 | www.wago.com/216-242 |
| | **Item no.: 216-243**<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/216-243 |
| | **Item no.: 216-244**<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/216-244 |
| | **Item no.: 216-246**<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/216-246 |
| | **Item no.: 216-262**<br>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 | www.wago.com/216-262 |

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| | | |
|---|---|---|
| | **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.: 216-264**<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.: 216-266**<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 |

## Downloads

### Documentation

**Additional Information**

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

## CAD/CAE-Data

**CAD data**

| | | |
|---|---|---|
| 2D/3D Models 2624-1107 | URL | Download |

**PCB Design**

| | | |
|---|---|---|
| Symbol and Footprint 2624-1107<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
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0



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- 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

## Installation Notes



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