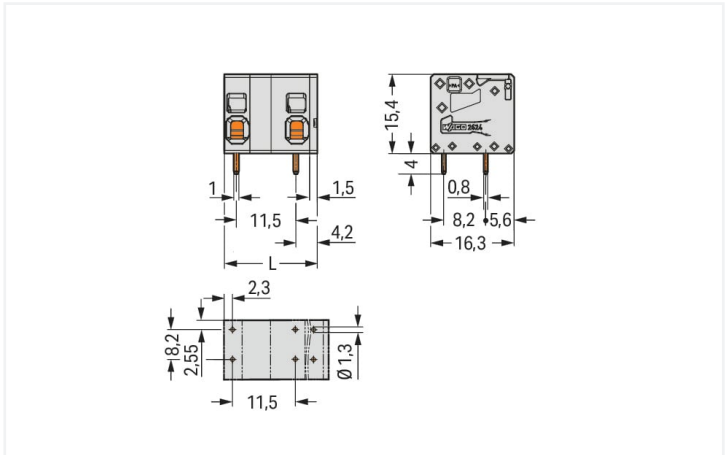
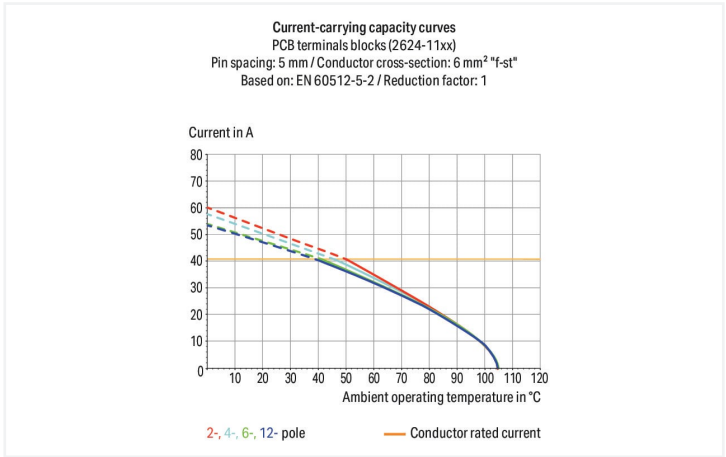
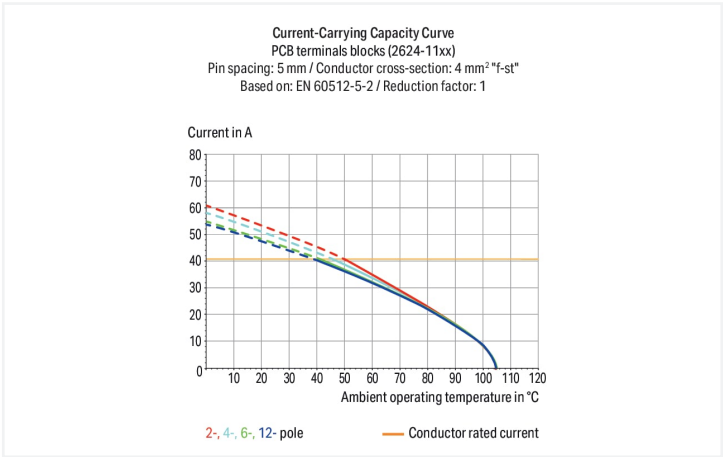




Color: ■ gray                      Similar to illustration



Dimensions in mm  
L = (pole no. – 1) x pin spacing + 6.5 mm



- 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

| Notes     |                                                                                                                                                                                                                      |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Variants: | Other colors<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> .<br>Other pole numbers<br>Direct marking |

| Electrical data      |  |                |        |
|----------------------|--|----------------|--------|
| Ratings per          |  | IEC/EN 60664-1 |        |
| Overvoltage category |  | III            | II     |
| Pollution degree     |  | 3              | 2      |
| Nominal voltage      |  | 1000 V         | 1000 V |
| Rated surge voltage  |  | 8 kV           | 8 kV   |
| Rated current        |  | 41 A           | 41 A   |
| Approvals per        |  | UL 1059        |        |
| Use group            |  | B              | D      |
| Rated voltage        |  | 600 V          | -      |
| Rated current        |  | 26 A           | -      |



| Approvals per |       | CSA   |   |
|---------------|-------|-------|---|
| Use group     | B     | C     | D |
| Rated voltage | 600 V | 600 V | - |
| Rated current | 26 A  | 26 A  | - |

| Connection data            |   |                                                   |                                     |
|----------------------------|---|---------------------------------------------------|-------------------------------------|
| Connection points          | 2 | <b>Connection 1</b>                               |                                     |
| Total number of potentials | 2 | Connection technology                             | Push-in CAGE CLAMP®                 |
| Number of connection types | 1 | Actuation type                                    | Operating tool                      |
| Number of levels           | 1 | Solid conductor                                   | 0.2 ... 6 mm² / 24 ... 10 AWG       |
|                            |   | Fine-stranded conductor                           | 0.2 ... 6 mm² / 24 ... 10 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                                      | 10 ... 12 mm / 0.39 ... 0.47 inches |
|                            |   | Conductor connection direction to PCB             | 0 °                                 |
|                            |   | Pole number                                       | 2                                   |

| Physical data                        |                          |
|--------------------------------------|--------------------------|
| Pin spacing                          | 11.5 mm / 0.453 inches   |
| Width                                | 18 mm / 0.709 inches     |
| Height                               | 19.4 mm / 0.764 inches   |
| Height from the surface              | 15.4 mm / 0.606 inches   |
| Depth                                | 16.3 mm / 0.642 inches   |
| Solder pin length                    | 4 mm                     |
| Solder pin dimensions                | 0.8 x 1 mm               |
| Drilled hole diameter with tolerance | 1.3 <sup>(+0.1)</sup> mm |

| Mechanical data |                       |
|-----------------|-----------------------|
| Mounting type   | 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               |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| Note (material data)        | <a href="#">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 <sub>Cu</sub> )                                   |
| Contact plating             | Tin                                                                      |
| Fire load                   | 0 MJ                                                                     |
| Weight                      | 4.2 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)              | 100 pcs       |
| Packaging type        | Box           |
| Country of origin     | PL            |
| GTIN                  | 4055143578547 |
| 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 2624-1502 |  |

Documentation

| Additional Information |            |                   |                                                                                   |
|------------------------|------------|-------------------|-----------------------------------------------------------------------------------|
| Technical Section      | 03.04.2019 | pdf<br>2027.26 KB |  |

CAD/CAE-Data

| CAD data                                                                                                    |
|-------------------------------------------------------------------------------------------------------------|
| 2D/3D Models<br>2624-1502  |

| CAE data                                                                                                      |
|---------------------------------------------------------------------------------------------------------------|
| ZUKEN Portal<br>2624-1502  |

PCB Design

|                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------|
| Symbol and Footprint<br>via SamacSys<br>2624-1502         |
| Symbol and Footprint<br>via Ultra Librarian<br>2624-1502  |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

|                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Item No.: 216-241</b><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 | <br><b>Item No.: 216-242</b><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 | <br><b>Item No.: 216-262</b><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 | <br><b>Item No.: 216-243</b><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    |
| <br><b>Item No.: 216-263</b><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     | <br><b>Item No.: 216-244</b><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 | <br><b>Item No.: 216-264</b><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 | <br><b>Item No.: 216-246</b><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 |
| <br><b>Item No.: 216-266</b><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  | <br><b>Item No.: 216-106</b><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; un-insulated; electro-tin plated; silver-colored                                                             |                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                        |

1.1.2 Tool

1.1.2.1 Operating tool



Item No.: 210-720

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination



Insert fine-stranded conductors and remove all conductor types via operating tool.

Conductor termination



Insert solid conductors via push-in termination.