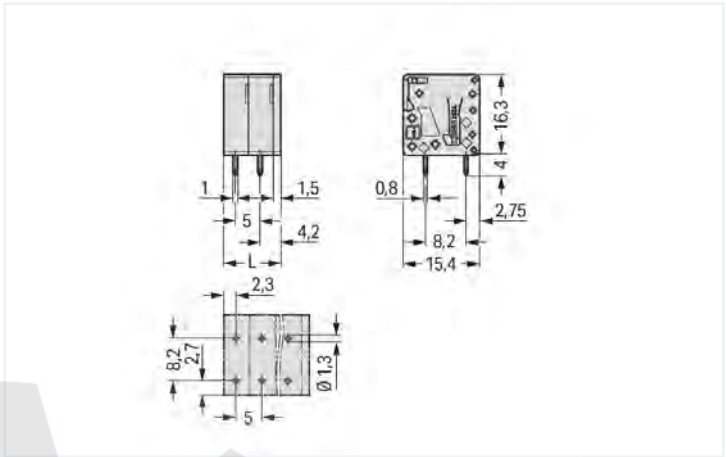


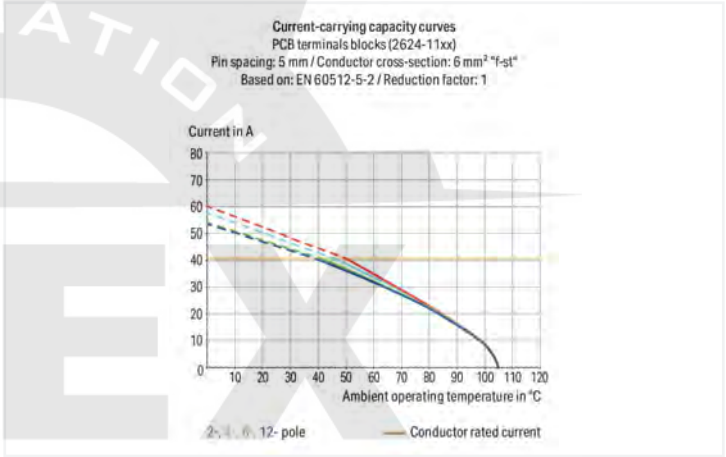
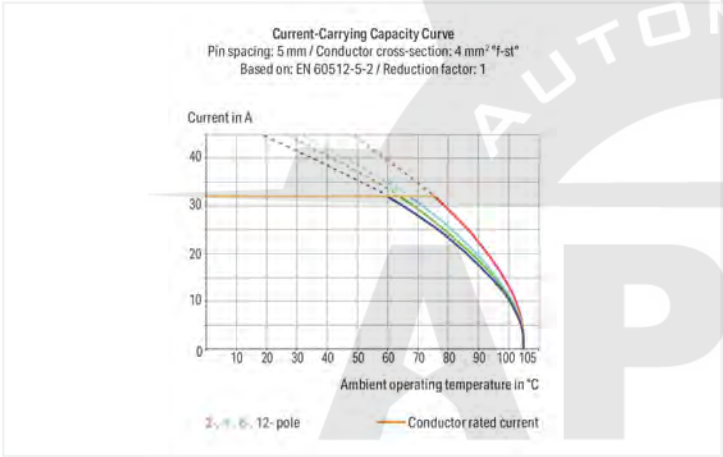


Color: ■ blue

Similar to illustration



Dimensions in mm
 $L = (\text{pole no.} - 1) \times \text{pin spacing} + 6.5 \text{ mm}$



- 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 pole numbers Direct marking Other colors Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ . | |

| Electrical data | | |
|-------------------------------|----------------|--|
| Ratings per IEC/EN | | |
| Ratings per | IEC/EN 60664-1 | |
| Nominal 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 | |
| Nominal voltage (II/2) | 630 V | |
| Rated surge voltage (II/2) | 4 kV | |
| Rated current | 41 A | |

| Ratings per IEC/EN | | |
|--------------------|---|--|
| Legend (ratings) | (III / 2) ≙ Overvoltage category III / Pollution degree 2 | |



| Ratings per UL 1059 | |
|--------------------------------|---------|
| 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 |

| Ratings per CSA | |
|---------------------------------|-------|
| Approvals per | CSA |
| Rated voltage CSA (Use Group B) | 300 V |
| Rated current CSA (Use Group B) | 26 A |
| Rated voltage CSA (Use Group D) | 300 V |
| Rated current CSA (Use Group D) | 5 A |

| Connection data | |
|----------------------------|---|
| Connection points | 2 |
| Total number of potentials | 2 |
| Number of connection types | 1 |
| Number of levels | 1 |

| Connection 1 | |
|---|-------------------------------------|
| 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 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 | 90 ° |
| Pole number | 2 |

| Physical data | |
|--------------------------------------|------------------------|
| Pin spacing | 5 mm / 0.197 inches |
| Width | 11.5 mm / 0.453 inches |
| Height | 20.3 mm / 0.799 inches |
| Height from the surface | 16.3 mm / 0.642 inches |
| Depth | 15.4 mm / 0.606 inches |
| Solder pin length | 4 mm |
| Solder pin dimensions | 0.8 x 1 mm |
| Drilled hole diameter with tolerance | 1.3 (+0.1) 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) | Information on material specifications can be found here |
| Color | blue |
| 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 MJ |



Material Data

| | |
|--------|-------|
| Weight | 3.5 g |
|--------|-------|

Environmental requirements

| | |
|----------------------------------|-----------------|
| Limit temperature range | -60 ... +105 °C |
| Processing temperature | -35 ... +60 °C |
| Continuous operating temperature | -60 ... +105 °C |

Commercial data

| | |
|-----------------------|---------------|
| ETIM 8.0 | EC002643 |
| ETIM 7.0 | EC002643 |
| PU (SPU) | 200 pcs |
| Packaging type | Box |
| Country of origin | PL |
| GTIN | 4055144122367 |
| Customs tariff number | 85369010000 |

Approvals / Certificates

General approvals



| Approval | Standard | Certificate Name |
|---------------------------------------|---------------|------------------|
| CSA DEKRA Certification B.V. | C22.2 No. 158 | 70117145 |
| KEMA/KEUR DEKRA Certification B.V. | EN 60947-7-4 | 71-100535 |
| UL Underwriters Laboratories Inc. | UL 1059 | E45172 |

Downloads

Environmental Product Compliance

| |
|---|
| Compliance Search |
| Environmental Product Compliance 2624-3102/000-006 |



Documentation



| Additional Information | | | |
|------------------------|------------|-------------------|--|
| Technical Section | 03.04.2019 | pdf 1949.09 KB | |

| CAD/CAE-Data | |
|-----------------------------------|-----------------------------------|
| CAD data | CAE data |
| 2D/3D Models 2624-3102/000-006 | ZUKEN Portal 2624-3102/000-006 |

| 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.: 216-262 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.: 216-263 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.: 216-264 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.: 216-266 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; 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



Conductor termination

