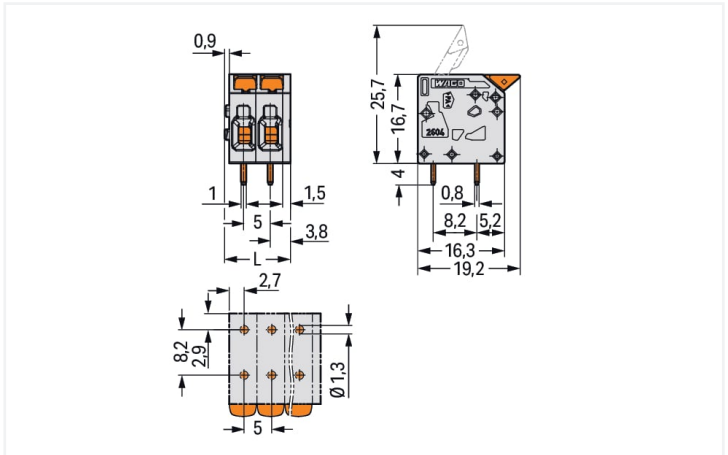




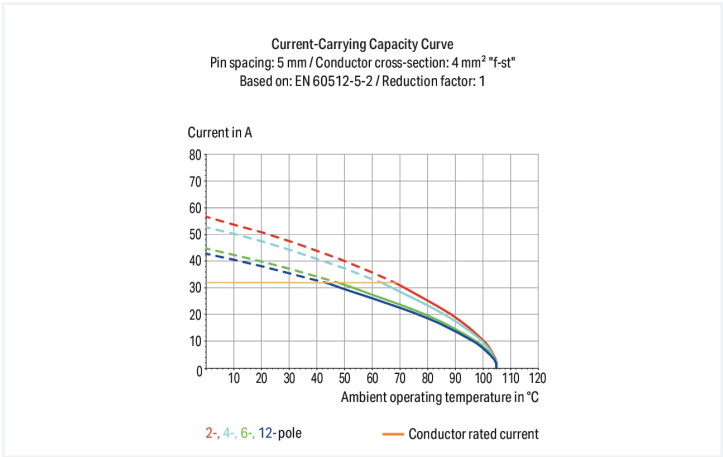
Color: ■ gray

Similar to illustration



Dimensions in mm

L = (pole no. – 1) x pin spacing + 7.4 mm



- PCB terminal blocks with Push-in CAGE CLAMP® connection and levers
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously, simplifying the connection of multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry

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

| Electrical data | | | | |
|----------------------|--|----------------|-------|-------|
| Ratings per | | IEC/EN 60664-1 | | |
| Overvoltage category | | III | III | II |
| Pollution degree | | 3 | 2 | 2 |
| Nominal voltage | | 320 V | 400 V | 630 V |
| Rated surge voltage | | 4 kV | 4 kV | 4 kV |
| Rated current | | 32 A | 32 A | 32 A |

| Approvals per | | UL 1059 | | |
|---------------|--|---------|---|-------|
| Use group | | B | C | D |
| Rated voltage | | 300 V | - | 300 V |
| Rated current | | 20 A | - | 10 A |



| Approvals per | | CSA | |
|---------------|-------|-----|-------|
| Use group | B | C | D |
| Rated voltage | 300 V | - | 300 V |
| Rated current | 20 A | - | 5 A |

| Connection data | | | |
|----------------------------|---|---|------------------------------------|
| Connection points | 9 | Connection 1 | |
| Total number of potentials | 9 | Connection technology | Push-in CAGE CLAMP® |
| Number of connection types | 1 | Actuation type | Lever |
| Number of levels | 1 | Solid conductor | 0.2 ... 4 mm² / 24 ... 12 AWG |
| | | Fine-stranded conductor | 0.2 ... 4 mm² / 24 ... 12 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 | 9 ... 11 mm / 0.35 ... 0.43 inches |
| | | Conductor connection direction to PCB | 0 ° |
| | | Pole number | 9 |

| Physical data | |
|--------------------------------------|------------------------|
| Pin spacing | 5 mm / 0.197 inches |
| Width | 47.4 mm / 1.866 inches |
| Height | 20.7 mm / 0.815 inches |
| Height from the surface | 16.7 mm / 0.657 inches |
| Depth | 19.2 mm / 0.756 inches |
| Solder pin length | 4 mm |
| Solder pin dimensions | 0.8 x 1 mm |
| Drilled hole diameter with tolerance | 1.3 (+0.1) 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 | |
|-----------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| 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 _{Cu}) |
| Contact plating | Tin |
| Fire load | 0.351 MJ |
| Actuator color | orange |
| Weight | 13.5 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) | 40 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4055143564366 |
| Customs tariff number | 85369010000 |

| Environmental Product Compliance | |
|----------------------------------|------------------------|
| RoHS Compliance Status | Compliant,No Exemption |

Approvals / Certificates

General approvals



| Approval | Standard | Certificate Name |
|---|---------------|------------------|
| CB DEKRA Certification B.V. | IEC 60947-7-4 | NL-61583 |
| CSA DEKRA Certification B.V. | C22.2 No. 158 | 70117145 |
| cURus Underwriters Laboratories Inc. | UL 1059 | E45172 |
| KEMA/KEUR DEKRA Certification B.V. | EN 60947-7-4 | 71-100535 |

Downloads

Environmental Product Compliance

| Compliance Search | |
|--|--|
| Environmental Product Compliance 2604-1109 | |



Documentation

| Additional Information | | | |
|------------------------|------------|-------------------|--|
| Technical Section | 03.04.2019 | pdf 2027.26 KB | |

CAD/CAE-Data

| CAD data |
|---------------------------|
| 2D/3D Models 2604-1109 |

| CAE data |
|---------------------------|
| ZUKEN Portal 2604-1109 |

| PCB Design |
|--|
| Symbol and Footprint via SamacSys 2604-1109 |
| Symbol and Footprint via Ultra Librarian 2604-1109 |

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; in-
sulated; 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; in-
sulated; 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; insu-
lated; electro-tin plated; electrolytic cop-
per; gastight crimped; acc. to DIN 46228,
Part 4/09.90; red

Item No.: 216-244
Ferrule; Sleeve for 1.5 mm² / AWG 16; in-
sulated; 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; in-
sulated; 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 colo-
red

Installation Notes

Conductor termination



Insert fine-stranded conductors – and re-
move all conductors – via operating tool.

Conductor termination



Insert solid conductors via push-in termination.