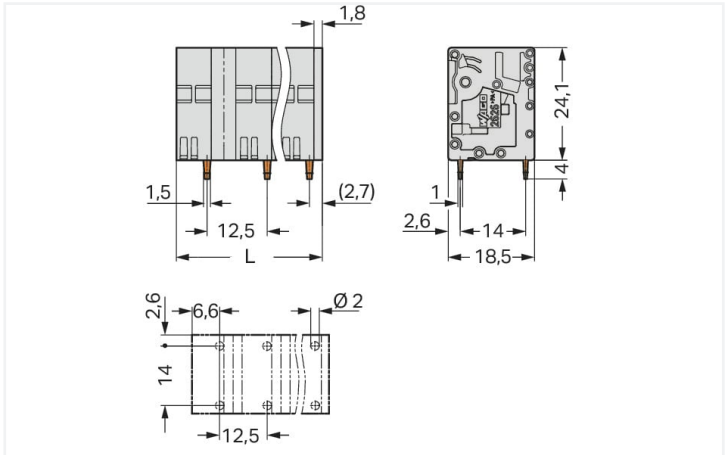


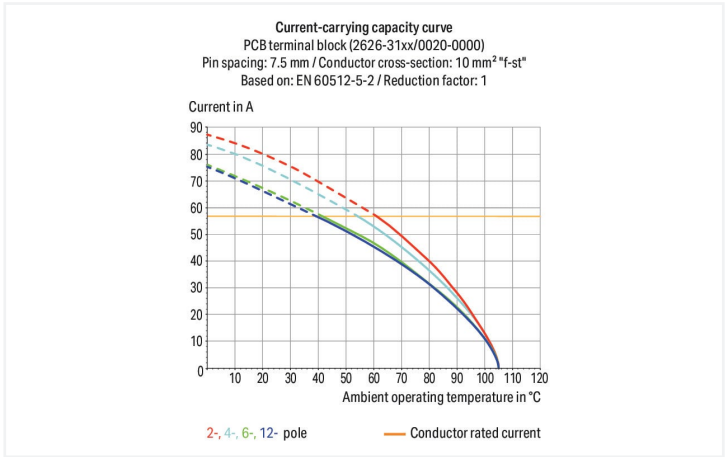
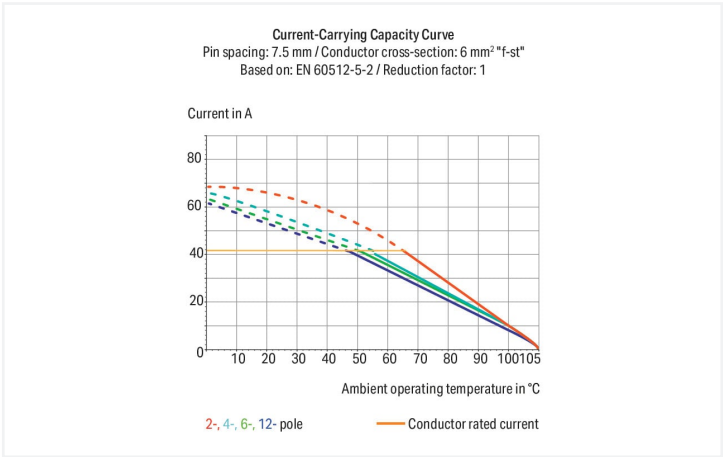


Color: ■ gray

Similar to illustration



$L = (\text{pole no.} - 1) \times \text{pin spacing} + 9.3 \text{ mm}$



- 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

| 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        |  | 48 A           | 48 A   |

| Ratings per UL                 |       |
|--------------------------------|-------|
| Rated voltage UL (Use Group B) | 600 V |
| Rated current UL (Use Group B) | 38 A  |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 38 A  |



| Approvals per |       | CSA   |   |
|---------------|-------|-------|---|
| Use group     | B     | C     | D |
| Rated voltage | 600 V | 600 V | - |
| Rated current | 38 A  | 38 A  | - |

| Connection data            |   |                                                   |                                     |
|----------------------------|---|---------------------------------------------------|-------------------------------------|
| Connection points          | 6 | Connection 1                                      |                                     |
| Total number of potentials | 6 | Connection technology                             | Push-in CAGE CLAMP®                 |
| Number of connection types | 1 | Actuation type                                    | Operating tool                      |
| Number of levels           | 1 | Solid conductor                                   | 0.2 ... 10 mm² / 24 ... 8 AWG       |
|                            |   | Fine-stranded conductor                           | 0.2 ... 10 mm² / 24 ... 8 AWG       |
|                            |   | Fine-stranded conductor; with insulated ferrule   | 0.25 ... 6 mm²                      |
|                            |   | Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 6 mm²                      |
|                            |   | Fine-stranded conductor; with twin ferrule        | 0.25 ... 2.5 mm²                    |
|                            |   | Strip length                                      | 13 ... 15 mm / 0.51 ... 0.59 inches |
|                            |   | Conductor connection direction to PCB             | 90 °                                |
|                            |   | Pole number                                       | 6                                   |

| Physical data                        |                        |
|--------------------------------------|------------------------|
| Pin spacing                          | 12.5 mm / 0.492 inches |
| Width                                | 71.8 mm / 2.827 inches |
| Height                               | 28.2 mm / 1.11 inches  |
| Height from the surface              | 24.2 mm / 0.953 inches |
| Depth                                | 18.5 mm / 0.728 inches |
| Solder pin length                    | 4 mm                   |
| Solder pin dimensions                | 1.5 x 1 mm             |
| Drilled hole diameter with tolerance | 2 <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                      | 31.5 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)              | 40 pcs        |
| Packaging type        | Box           |
| Country of origin     | PL            |
| GTIN                  | 4055143897860 |
| 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-103311        |
| CSA<br>CSA Group                      | C22.2         | 70146882         |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947-7-4  | 71-113203        |
| UL<br>Underwriters Laboratories Inc.  | UL 1059       | E45172           |

Downloads

| Environmental Product Compliance           |  |
|--------------------------------------------|--|
| Compliance Search                          |  |
| Environmental Product Compliance 2626-3356 |  |

Documentation

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

CAD/CAE-Data

| CAD data                                                                                                    | CAE data                                                                                                      |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| 2D/3D Models<br>2626-3356  | ZUKEN Portal<br>2626-3356  |

| PCB Design                                                                                                                                 |  |
|--------------------------------------------------------------------------------------------------------------------------------------------|--|
| Symbol and Footprint<br>via SamacSys<br>2626-3356         |  |
| Symbol and Footprint<br>via Ultra Librarian<br>2626-3356  |  |

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

|                                                                                                                                                                                        |                                                                                                                                                                                         |                                                                                                                                                                                        |                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                     |                                                                                                      |                                                                                                     |                                                                                                 |
| <a href="#">Item No.: 216-263</a><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    | <a href="#">Item No.: 216-264</a><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 | <a href="#">Item No.: 216-266</a><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 | <a href="#">Item No.: 216-267</a><br>Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; grey |
|                                                                                                     |                                                                                                      |                                                                                                                                                                                        |                                                                                                                                                                                      |
| <a href="#">Item No.: 216-208</a><br>Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow | <a href="#">Item No.: 216-108</a><br>Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated; silver-colored                                                                |                                                                                                                                                                                        |                                                                                                                                                                                      |

1.1.2 Tool

1.1.2.1 Operating tool

|                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------|
|                                        |
| <a href="#">Item No.: 210-721</a><br>Operating tool; Blade: 5.5 x 0.8 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.