# Data Sheet | Item Number: 2626-3107/020-000

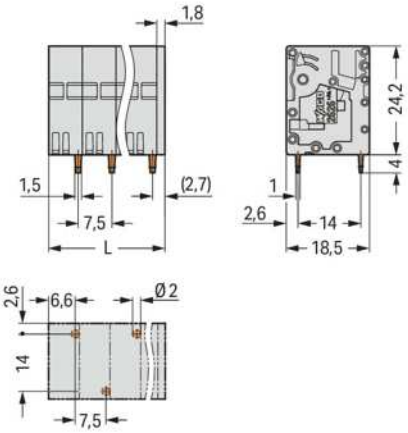
PCB terminal block; 6 mm²; Pin spacing 7.5 mm; 7-pole; Push-in CAGE CLAMP®; 6,00 mm²; gray

https://www.wago.com/2626-3107/020-000



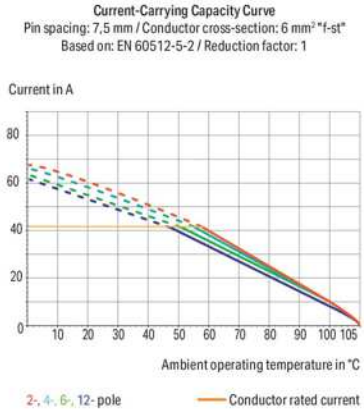
Color: gray

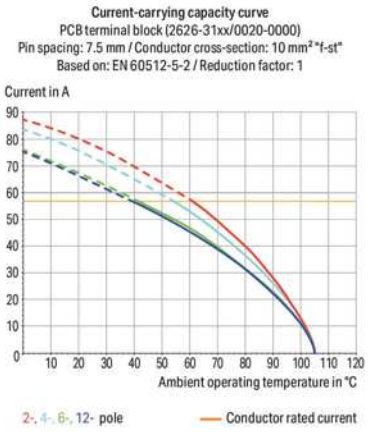
Similar to illustration




Dimensions in mm

L = (pole no. – 1) x pin spacing + 9.3 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 pole numbers<br>Direct marking<br>Other colors<br>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) | 1000 V |
| Rated impulse voltage (III/3) | 8 kV |
| Rated voltage (III/2) | 1000 V |
| Rated impulse voltage (III/2) | 8 kV |
| Nominal voltage (II/2) | 1000 V |
| Rated surge voltage (II/2) | 8 kV |
| Rated current | 48 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) | 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 |

## Ratings per CSA

| | |
|---|---|
| Approvals per | CSA |
| Rated voltage CSA (Use Group B) | 600 V |
| Rated current CSA (Use Group B) | 31 A |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 31 A |

## Connection data

| | |
|---|---|
| Connection points | 7 |
| Total number of potentials | 7 |
| 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 … 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 | 7 |

## Physical data

| | |
|---|---|
| Pin spacing | 7.5 mm / 0.295 inches |
| Width | 54.3 mm / 2.138 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 $^{(+0.1)}$ mm |

## Mechanical Data

| | |
|---|---|
| Mounting type | Feed-through mounting |

## PCB contact

| | |
|---|---|
| PCB contact | THT |
| Solder pin arrangement | over the entire terminal strip (staggered) |
| Number of solder pins per potential | 1 |

## 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 MJ |


Continued on next page

## Material Data

| | |
|---|---|
| Weight | 26.6 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 | 4055143587358 |
| Customs tariff number | 85369010000 |

## Approvals / Certificates

### General approvals

| Approval | Standard | Certificate Name |
|---|---|---|
| CB<br>DEKRA Certification B.V. | IEC 60947-7-4 | NL-64739 |
| CSA<br>DEKRA Certification B.V. | C22.2 | 70146882 |
| cURus<br>Underwriters Laboratories Inc. | UL 1059 | E45172 |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947-7-4 | 71-113203 |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 2626-3107/020-000

## Documentation

| Additional Information | | |
|---|---|---|
| Technical Section | 03.04.2019 | pdf<br>1949.09 KB |

## CAD/CAE-Data

| CAD data | CAE data |
|---|---|
| 2D/3D Models<br>2626-3107/020-000 | ZUKEN Portal<br>2626-3107/020-000 |

## 1 Compatible Products

### 1.1 Optional Accessories

#### 1.1.1 Ferrule

##### 1.1.1.1 Ferrule



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.: 216-264
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.: 216-266
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.: 216-267
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-208
Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow



Item No.: 216-108
Ferrule; Sleeve for 6 mm² / AWG 10; uninsulated; electro-tin plated; silver-colored

#### 1.1.2 Tool

##### 1.1.2.1 Operating tool



Item No.: 210-721
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.