

Data Sheet | Item Number: 2020-107/134-000

1-conductor female connector; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 7-pole; Strain relief plate; 1,50 mm²; gray

<https://www.wago.com/2020-107/134-000>



Color: ■ gray

Similar to illustration

Notes

Safety information

According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or unmated when live or under load.

Safety information 2

Notice: An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Electrical data

| Ratings per | IEC/EN 61984 | | |
|----------------------|--------------|-----|----|
| Overtoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Nominal voltage | 500 V | - | - |
| Rated surge voltage | 6 kV | - | - |
| Rated current | 13.5 A | - | - |

| Approvals per | UL 1059 | | |
|---------------|---------|-------|-------|
| Use group | B | C | D |
| Rated voltage | 300 V | 300 V | 300 V |
| Rated current | 15 A | 15 A | 15 A |

| Approvals per | CSA 22.2 No 158 | | |
|---------------|-----------------|-------|-------|
| Use group | B | C | D |
| Rated voltage | 300 V | 300 V | 300 V |
| Rated current | 10 A | 10 A | 10 A |

Connection data

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

| Connection 1 | |
|--|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Nominal cross-section | 1 mm ² |
| Solid conductor | 0.14 ... 1.5 mm ² / 24 ... 16 AWG |
| Solid conductor; push-in termination | 0.5 ... 1.5 mm ² / 20 ... 16 AWG |
| Fine-stranded conductor | 0.14 ... 1.5 mm ² / 24 ... 16 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.14 ... 0.75 mm ² / 24 ... 18 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 0.5 ... 0.75 mm ² / 20 ... 18 AWG |

Connection 1

| | |
|--------------------------------|---|
| Note (conductor cross-section) | Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination. |
| Strip length | 9 ... 11 mm / 0.35 ... 0.43 inches |
| Pole number | 7 |
| Wiring direction | Front-entry wiring |

Physical data

| | |
|--------------|------------------------|
| Width | 25.2 mm / 0.992 inches |
| Height | 64 mm / 2.52 inches |
| Depth | 22.4 mm / 0.882 inches |
| Module width | 3.5 mm / 0.138 inches |

Mechanical data

| | |
|--------------------------|--------------|
| Variable coding | Yes |
| Marking level | Side marking |
| Anti-rotation protection | Yes |

Plug-in connection

| | |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector (connection type) | for conductor |
| Mismating protection | No |
| Strain relief | Strain relief plate |

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 |
| Fire load | 0.439 MJ |
| Weight | 16.6 g |

Environmental requirements

| | |
|----------------------------------|-----------------|
| Processing temperature | -35 ... +85 °C |
| Continuous operating temperature | -60 ... +105 °C |

Commercial data

| | |
|-----------------------|-------------------|
| Product Group | 18 (X-COM-System) |
| eCl@ss 10.0 | 27-14-11-06 |
| eCl@ss 9.0 | 27-14-11-06 |
| ETIM 8.0 | EC001284 |
| ETIM 7.0 | EC001284 |
| PU (SPU) | 25 pcs |
| Packaging type | Box |
| Country of origin | DE |
| GTIN | 4050821092308 |
| Customs tariff number | 85366990990 |

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

Approvals / Certificates

| General approvals | | | Declarations of conformity and manufacturer's declarations | | |
|-------------------------------------|----------|------------------|--|----------|------------------|
| | | | | | |
| Approval | Standard | Certificate Name | Approval | Standard | Certificate Name |
| CCA DEKRA Certification B.V. | EN 60947 | NTR NL 7617 | EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |
| UL UL International Germany GmbH | UL 1059 | E 45172 | UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Downloads

| Environmental Product Compliance | |
|--|-------------------|
| Compliance Search | |
| Environmental Product Compliance 2020-107/134-000 | ↓ |

Documentation

| Additional Information | | | Bid Text | | |
|------------------------|-------------------|-------------------|------------------|------------|------------------|
| Technical Section | pdf 2240.62 KB | ↓ | 2020-107/134-000 | 19.02.2019 | xml 3.96 KB |
| | | | 2020-107/134-000 | 06.08.2018 | docx 15.27 KB |

CAD/CAE-Data

| CAD data | | CAE data | |
|----------------------------------|-------------------|---------------------------------------|-------------------|
| 2D/3D Models 2020-107/134-000 | ↓ | EPLAN Data Portal 2020-107/134-000 | ↓ |
| | | WSCAD Universe 2020-107/134-000 | ↓ |
| | | ZUKEN Portal 2020-107/134-000 | ↓ |

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.: 216-243

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

1.1.2 Marking

1.1.2.1 Marker



Item No.: 793-3501

WMB marking card; as card; plain; snap-on type; white



Item No.: 2009-113

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white

1.1.2.2 Marking strip



Item No.: 210-833

Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white



Item No.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white



Item No.: 210-831

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white



Item No.: 210-832

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white



Item No.: 210-834

Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

1.1.3 Protective warning marker

1.1.3.1 Cover



Item No.: 2000-115

Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.1.4 Screwless end stop

1.1.4.1 Mounting accessories



Item No.: 249-117

Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray



Item No.: 249-116

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.1.5 Tool

1.1.5.1 Operating tool



Item No.: 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft



Item No.: 210-648

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short

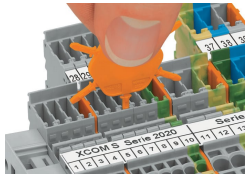


Item No.: 210-647

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

Installation Notes

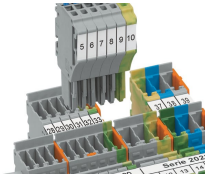
Coding



Insert coding pin into the corresponding slot and twist it off.



Coding a female plug: remove coding finger using a suitable tool.



Insert coded female plug into X-COM®S-SYSTEM terminal block assembly.