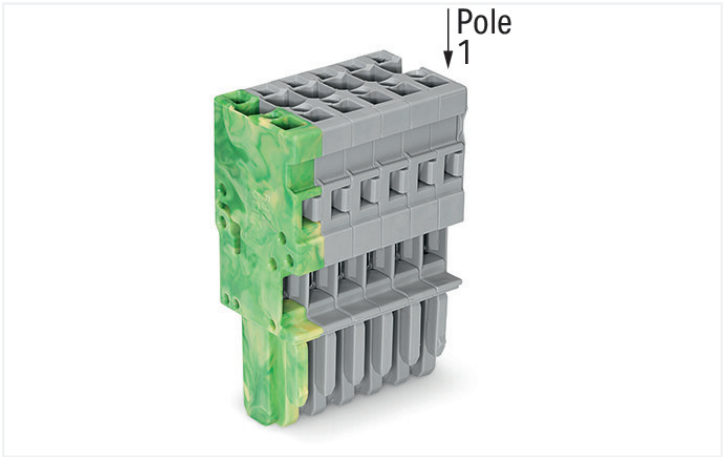
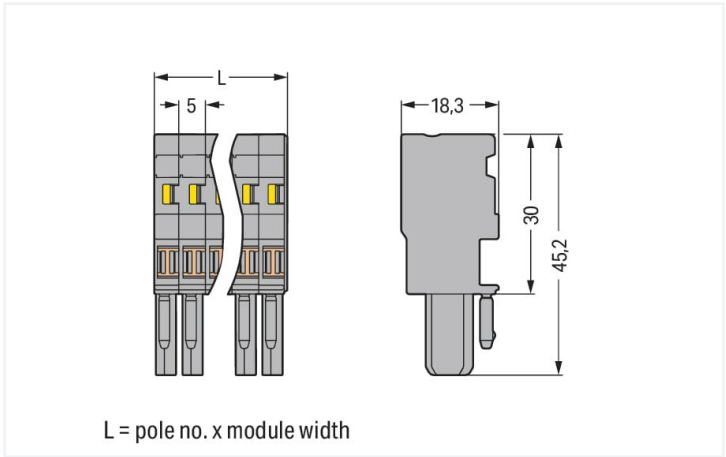




Color: gray/green-yellow



Dimensions in mm

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

| Electrical data      |              |     |    |
|----------------------|--------------|-----|----|
| Ratings per          | IEC/EN 61984 |     |    |
| Overvoltage category | III          | III | II |
| Pollution degree     | 3            | 2   | 2  |
| Nominal voltage      | 500 V        | -   | -  |
| Rated surge voltage  | 6 kV         | -   | -  |
| Rated current        | 32 A         | -   | -  |

| Connection data            |   | Connection 1                    |                                   |
|----------------------------|---|---------------------------------|-----------------------------------|
| Connection points          | 6 | Connection technology           | CAGE CLAMP®                       |
| Total number of potentials | 6 | Actuation type                  | Operating tool                    |
|                            |   | Connectable conductor materials | Copper                            |
|                            |   | Nominal cross-section           | 4 mm² / 12 AWG                    |
|                            |   | Solid conductor                 | 0.08 ... 4 mm² / 28 ... 12 AWG    |
|                            |   | Fine-stranded conductor         | 0.08 ... 4 mm² / 28 ... 12 AWG    |
|                            |   | Strip length                    | 8 ... 9 mm / 0.31 ... 0.35 inches |
|                            |   | Pole number                     | 6                                 |
|                            |   | Wiring direction                | Front-entry wiring                |

### Physical data

|              |                       |
|--------------|-----------------------|
| Width        | 30 mm / 1.181 inches  |
| Height       | 45.2 mm / 1.78 inches |
| Depth        | 18.3 mm / 0.72 inches |
| Module width | 5 mm / 0.197 inches   |

### Mechanical data

|                                                        |              |
|--------------------------------------------------------|--------------|
| Variable coding                                        | Yes          |
| Direct ground contact to DIN-rail/drilled hole/housing | No           |
| 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                      |
| Plugging without loss of pin spacing | Yes                     |

### Material data

|                             |                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| Note (material data)        | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| Color                       | gray/green-yellow                                                                                                      |
| Material group              | I                                                                                                                      |
| Insulation material         | Polyamide (PA66)                                                                                                       |
| Flammability class per UL94 | V0                                                                                                                     |
| Fire load                   | 0.373 MJ                                                                                                               |
| Halogen-free                | Yes                                                                                                                    |
| Weight                      | 18.9 g                                                                                                                 |

### Environmental requirements

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

### Commercial data

|                       |               |
|-----------------------|---------------|
| 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                  | 4045454272319 |
| Customs tariff number | 85366990990   |



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

Approvals / Certificates

General approvals



| Approval                             | Standard | Certificate Name |
|--------------------------------------|----------|------------------|
| CSA<br>CSA Group                     | C22.2    | 1101144          |
| UL<br>Underwriters Laboratories Inc. | UL 1977  | E 45171          |
| UR<br>Underwriters Laboratories Inc. | UL 1059  | E45172           |

Downloads

Environmental Product Compliance

| Compliance Search                                   |  |
|-----------------------------------------------------|--|
| Environmental Product Compliance<br>769-106/000-037 |  |

Documentation

| Additional Information |                   |  | Bid Text        |                                   |
|------------------------|-------------------|--|-----------------|-----------------------------------|
| Technical Section      | pdf<br>2240.62 KB |  | 769-106/000-037 | 19.02.2019<br>xml<br>3.25 KB<br>  |
|                        |                   |  | 769-106/000-037 | 04.10.2017<br>doc<br>25.50 KB<br> |

CAD/CAE-Data

| CAE data                             |  |
|--------------------------------------|--|
| EPLAN Data Portal<br>769-106/000-037 |  |
| WSCAD Universe<br>769-106/000-037    |  |



1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover



**Item No.: 769-436**  
Jumper cover; for 1-conductor female plugs; for 5 poles; gray

1.1.2 Ferrule

1.1.2.1 Ferrule



**Item No.: 216-301**  
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow



**Item No.: 216-302**  
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



**Item No.: 216-201**  
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



**Item No.: 216-101**  
Ferrule; Sleeve for 0.5 mm² / AWG 22; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-202**  
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



**Item No.: 216-102**  
Ferrule; Sleeve for 0.75 mm² / AWG 20; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-203**  
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



**Item No.: 216-103**  
Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated



**Item No.: 216-204**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black



**Item No.: 216-104**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-206**  
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue

1.1.3 Insulation stop

1.1.3.1 Insulation stop



**Item No.: 769-470**  
Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white



**Item No.: 769-471**  
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray



**Item No.: 769-472**  
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

1.1.4 Jumper

1.1.4.1 Jumper



**Item No.: 769-402**  
Jumper; insulated; gray



1.1.5 Locking system

1.1.5.1 Locking system



**Item No.: 769-430**  
Locking lever; for female connectors; 1 part; Pin spacing 5 mm; 2-pole; gray



**Item No.: 769-431**  
Locking lever; for female connectors; 1 part; Pin spacing 5 mm; 2-pole; orange

1.1.6 Marking

1.1.6.1 Label



**Item No.: 210-805**  
Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; white



**Item No.: 210-805/000-002**  
Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; yellow

1.1.6.2 Marker



**Item No.: 2009-145**  
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



**Item No.: 248-501**  
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

1.1.6.3 Marking strip



**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

1.1.7 Protective warning marker

1.1.7.1 Cover



**Item No.: 280-415**  
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.1.8 Strain relief

1.1.8.1 Strain relief



**Item No.: 769-1606**  
Strain relief housing; for female and male connectors; 2 parts; Pin spacing 5 mm; 6-pole; gray



**Item No.: 769-413**  
Strain relief plate; for female and male connectors; 1 part; Pin spacing 5 mm; 6- to 9-pole; gray

1.1.9 Test and measurement

1.1.9.1 Testing accessories



Item No.: 210-136  
Test plug; 2 mm Ø; with 500 mm cable; red

1.1.10 Tool

1.1.10.1 Operating tool



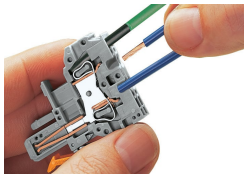
Item No.: 210-490  
Operating tool



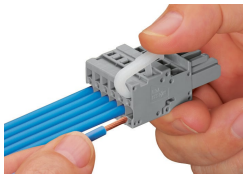
Item No.: 769-434  
Operating tool; made of insulating material; 1-way; loose; white

Installation Notes

Conductor termination



**CAGE CLAMP® connection**  
Female plug: Inserting/removing a conductor via operating tool. Operation 90° to conductor is also possible.  
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

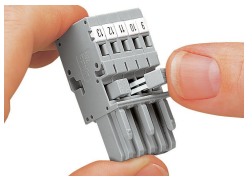


**Operating lever**  
Inserting a conductor – side-entry wiring (example shows a female plug).

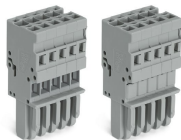


**Operating tool**  
Inserting a conductor – side-entry wiring (example shows a female plug).  
With ferruled conductors, it is necessary to use a terminal block one size smaller than the conductor's nominal cross-section.

Commoning



Commoning 1-conductor female plugs via miniature adjacent jumpers.



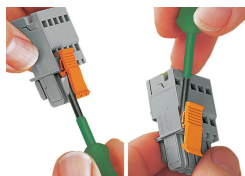
Jumper cover for 1-conductor female plugs

Coding



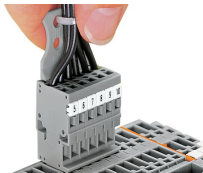
Coding a female plug by removing coding finger(s) via cutting tool. Do not remove the first and last coding fingers or use an additional locking lever.

## Locking system



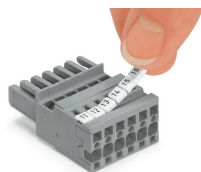
Locking/releasing a lever.

## Strain relief



Removing a female plug via conductor bundle provided with strain relief plate.

## Marking



Labeling a female plug with CAGE CLAMP® connection via Mini-WSB Quick Markers.