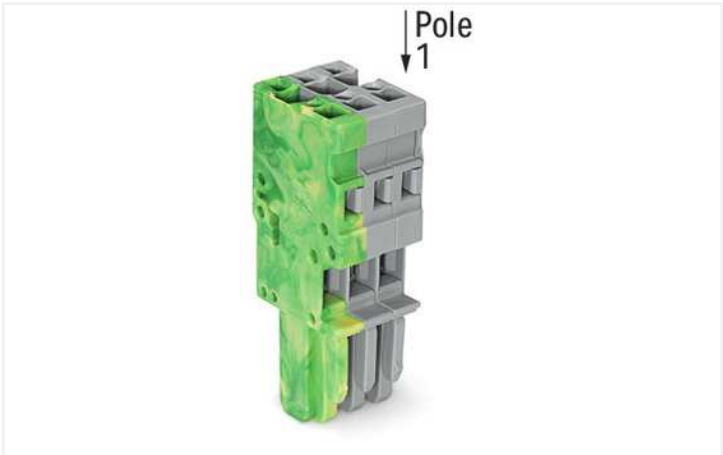
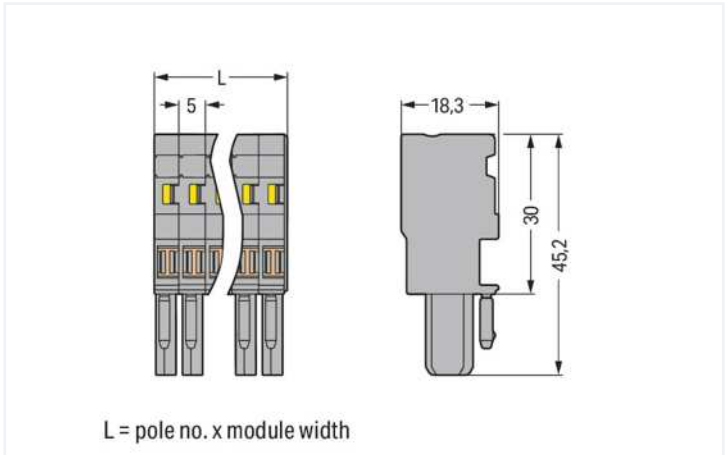




Color: gray, green-yellow

Similar to illustration



Dimensions in mm

| Notes                |                                                                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Safety information 1 | 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            |                                                           |
| Ratings per                   | IEC/EN 61984                                              |
| Nominal voltage (III/3)       | 500 V                                                     |
| Rated impulse voltage (III/3) | 6 kV                                                      |
| Rated current                 | 32 A                                                      |
| Legend (ratings)              | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

| Connection data                 |                                   |
|---------------------------------|-----------------------------------|
| Connection points               | 2                                 |
| Total number of potentials      | 2                                 |
| Connection 1                    |                                   |
| Connection technology           | CAGE CLAMP®                       |
| 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                     | 2                                 |
| Wiring direction                | Front-entry wiring                |

### Physical data

|              |                       |
|--------------|-----------------------|
| Width        | 10 mm / 0.394 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="#">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                   | 0.106 MJ                                                                 |
| Halogen-free                | Yes                                                                      |
| Weight                      | 6.4 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)              | 100 pcs       |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4045454701192 |
| Customs tariff number | 85366990990   |

### Approvals / Certificates



General approvals



| Approval                             | Standard      | Certificate Name |
|--------------------------------------|---------------|------------------|
| CSA<br>DEKRA Certification B.V.      | C22.2 No. 158 | 1101144          |
| UR<br>Underwriters Laboratories Inc. | UL 1059       | E45172           |

Downloads

Environmental Product Compliance

| Compliance Search                                   |
|-----------------------------------------------------|
| Environmental Product Compliance<br>769-102/000-037 |



Documentation

| Additional Information |
|------------------------|
| Technical Section      |
| pdf<br>2142.18 KB      |



CAD/CAE-Data

| CAE data                             |
|--------------------------------------|
| EPLAN Data Portal<br>769-102/000-037 |
| WSCAD Universe<br>769-102/000-037    |



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

|                                                                                                                                                                                                        |                                                                                                                                                                                                                   |                                                                                                                                                                                                      |                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><a href="#">Item No.: 216-301</a><br>Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow | <br><a href="#">Item No.: 216-302</a><br>Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise   | <br><a href="#">Item No.: 216-201</a><br>Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white | <br><a href="#">Item No.: 216-101</a><br>Ferrule; Sleeve for 0.5 mm² / AWG 22; un-insulated; electro-tin plated; silver-colored |
| <br><a href="#">Item No.: 216-202</a><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray   | <br><a href="#">Item No.: 216-102</a><br>Ferrule; Sleeve for 0.75 mm² / AWG 20; un-insulated; electro-tin plated; silver-colored | <br><a href="#">Item No.: 216-203</a><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red     | <br><a href="#">Item No.: 216-103</a><br>Ferrule; Sleeve for 1 mm² / AWG 18; un-insulated; electro-tin plated                   |
| <br><a href="#">Item No.: 216-204</a><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black   | <br><a href="#">Item No.: 216-104</a><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; silver-colored  | <br><a href="#">Item No.: 216-206</a><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue  |                                                                                                                                                                                                                    |

1.1.3 Insulation stop

1.1.3.1 Insulation stop

|                                                                                                                                                                                                        |                                                                                                                                                                                       |                                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><a href="#">Item No.: 769-470</a><br>Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white | <br><a href="#">Item No.: 769-471</a><br>Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray | <br><a href="#">Item No.: 769-472</a><br>Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

1.1.4 Jumper

1.1.4.1 Jumper

|                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><a href="#">Item No.: 769-402</a><br>Jumper; insulated; gray |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|

1.1.5 Locking system

1.1.5.1 Locking system

|                                                                                                                                                 |                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><a href="#">Item No.: 769-430</a><br>Locking lever; gray | <br><a href="#">Item No.: 769-431</a><br>Locking lever; orange |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|

1.1.6 Marking

1.1.6.1 Label

|                                                                                                                                                                                             |                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><a href="#">Item No.: 210-805</a><br>Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; white | <br><a href="#">Item No.: 210-805/000-002</a><br>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.: 769-1602**  
Strain relief housing; gray



**Item No.: 769-411**  
Strain relief plate; 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