



Color: ■ green-yellow      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. |

| Electrical data      |              |     |    |
|----------------------|--------------|-----|----|
| Ratings per          | IEC/EN 61984 |     |    |
| Overvoltage category | III          | III | II |
| Pollution degree     | 3            | 2   | 2  |
| Nominal voltage      | -            | -   | -  |
| Rated surge voltage  | -            | -   | -  |
| Rated current        | -            | -   | -  |

| Connection data                                            |                                                                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Connection points                                          | 12                                                                                                                                |
| Total number of potentials                                 | 12                                                                                                                                |
| Connection 1                                               |                                                                                                                                   |
| Connection technology                                      | Push-in CAGE CLAMP®                                                                                                               |
| Actuation type                                             | Operating tool                                                                                                                    |
| Connectable conductor materials                            | Copper                                                                                                                            |
| Nominal cross-section                                      | 2.5 mm²                                                                                                                           |
| Solid conductor                                            | 0.25 ... 4 mm² / 22 ... 12 AWG                                                                                                    |
| Solid conductor; push-in termination                       | 0.75 ... 4 mm² / 18 ... 12 AWG                                                                                                    |
| Fine-stranded conductor                                    | 0.25 ... 4 mm² / 22 ... 12 AWG                                                                                                    |
| Fine-stranded conductor; with insulated ferrule            | 0.25 ... 2.5 mm² / 22 ... 14 AWG                                                                                                  |
| Fine-stranded conductor; with ferrule; push-in termination | 1 ... 2.5 mm² / 18 ... 14 AWG                                                                                                     |
| 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                                               | 10 ... 12 mm / 0.39 ... 0.47 inches                                                                                               |
| Pole number                                                | 12                                                                                                                                |
| Wiring direction                                           | Front-entry wiring                                                                                                                |



| Physical data |                        |
|---------------|------------------------|
| Width         | 62.4 mm / 2.457 inches |
| Height        | 40.5 mm / 1.594 inches |
| Depth         | 22.4 mm / 0.882 inches |
| Module width  | 5.2 mm / 0.205 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                      |
| 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                       | green-yellow                                                                                                           |
| Material group              | I                                                                                                                      |
| Insulation material         | Polyamide (PA66)                                                                                                       |
| Flammability class per UL94 | V0                                                                                                                     |
| Fire load                   | 0.643 MJ                                                                                                               |
| Weight                      | 39.5 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                  | 4045454705695     |
| Customs tariff number | 85366990990       |



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

Approvals / Certificates

General approvals



| Approval                        | Standard      | Certificate Name |
|---------------------------------|---------------|------------------|
| CSA<br>DEKRA Certification B.V. | C22.2 No. 158 | 2437422          |

Downloads

Environmental Product Compliance

| Compliance Search                                    |                   |
|------------------------------------------------------|-------------------|
| Environmental Product Compliance<br>2022-112/000-016 | <a href="#">↓</a> |

Documentation

| Additional Information |                   |                   |
|------------------------|-------------------|-------------------|
| Technical Section      | pdf<br>2240.62 KB | <a href="#">↓</a> |

CAD/CAE-Data

| CAD data                         |                   |
|----------------------------------|-------------------|
| 2D/3D Models<br>2022-112/000-016 | <a href="#">↓</a> |

| CAE data                              |                   |
|---------------------------------------|-------------------|
| EPLAN Data Portal<br>2022-112/000-016 | <a href="#">↓</a> |
| WSCAD Universe<br>2022-112/000-016    | <a href="#">↓</a> |
| ZUKEN Portal<br>2022-112/000-016      | <a href="#">↓</a> |



1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule

|                                                                                                                                                                                        |                                                                                                                                                                                        |                                                                                                                                                                                        |                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                       |                                                                                                       |                                                                                                       |                                                                                                     |
| <p><b>Item No.: 216-241</b><br/>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</p> | <p><b>Item No.: 216-242</b><br/>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</p> | <p><b>Item No.: 216-262</b><br/>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</p> | <p><b>Item No.: 216-243</b><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</p>     |
|                                                                                                       |                                                                                                       |                                                                                                       |                                                                                                     |
| <p><b>Item No.: 216-263</b><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</p>     | <p><b>Item No.: 216-244</b><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</p> | <p><b>Item No.: 216-264</b><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</p> | <p><b>Item No.: 216-284</b><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</p> |
|                                                                                                       |                                                                                                       |                                                                                                       |                                                                                                                                                                                        |
| <p><b>Item No.: 216-246</b><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</p>  | <p><b>Item No.: 216-266</b><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</p>  | <p><b>Item No.: 216-286</b><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</p>  |                                                                                                                                                                                        |

1.1.2 Insulation stop

1.1.2.1 Insulation stop

|                                                                                                  |                                                                                               |
|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
|               |            |
| <p><b>Item No.: 2002-171</b><br/>Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray</p> | <p><b>Item No.: 2002-172</b><br/>Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray</p> |

1.1.3 Locking system

1.1.3.1 Locking system

|                                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |
| <p><b>Item No.: 2022-151</b><br/>Locking lever; gray</p>                            | <p><b>Item No.: 2022-152</b><br/>Locking lever; orange</p>                          |

1.1.4 Marking

1.1.4.1 Label

|                                                                                                     |                                                                                                              |
|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|                  |                           |
| <p><b>Item No.: 210-805</b><br/>Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; white</p> | <p><b>Item No.: 210-805/000-002</b><br/>Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; yellow</p> |

1.1.4.2 Marker



**Item No.: 793-5501**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white

**Item No.: 2009-115**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.1.4.3 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

1.1.5 Protective warning marker

1.1.5.1 Cover



**Item No.: 2002-115**  
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.1.6 Screwless end stop

1.1.6.1 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

1.1.7 Strain relief

1.1.7.1 Strain relief plate



**Item No.: 734-430**  
Strain relief plate; for female and male connectors; 1 part; gray

1.1.8 Tool

1.1.8.1 Operating tool



Item No.: 210-720  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

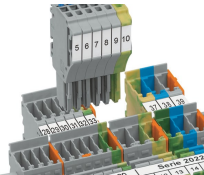
Coding



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

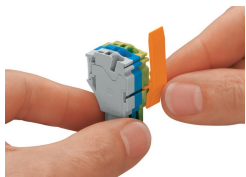


Coding a female plug: remove coding finger using a suitable tool.

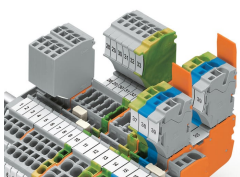


Insert coded female plug into X-COM®S-SYSTEM terminal block assembly.

Locking system



Slide the locking lever into position.



Female plugs can be individually locked.