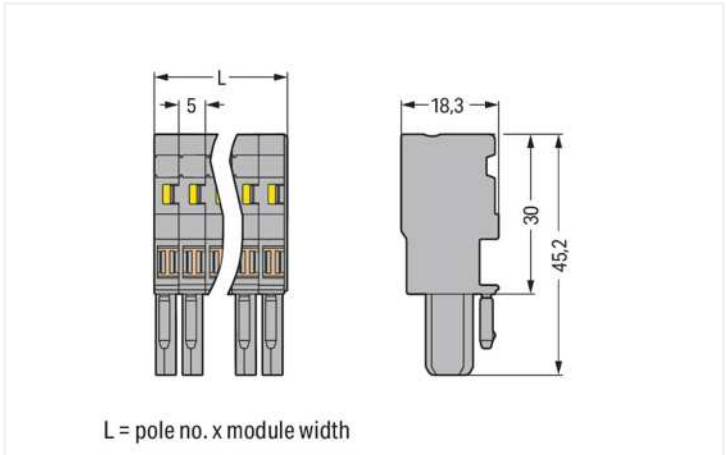




Color: green-yellow



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 |

| Connection data                 |                                   |
|---------------------------------|-----------------------------------|
| Connection points               | 1                                 |
| Total number of potentials      | 1                                 |
| 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                     | 1                                 |
| Wiring direction                | Front-entry wiring                |

| Physical data |                       |
|---------------|-----------------------|
| Width         | 5 mm / 0.197 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                       | green-yellow                                                             |
| Material group              | I                                                                        |
| Insulation material         | Polyamide (PA66)                                                         |
| Flammability class per UL94 | V0                                                                       |
| Fire load                   | 0.053 MJ                                                                 |
| Halogen-free                | Yes                                                                      |
| Weight                      | 3.2 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)              | 100 pcs           |
| Packaging type        | Box               |
| Country of origin     | DE                |
| GTIN                  | 4044918471275     |
| Customs tariff number | 85366990990       |

| Approvals / Certificates        |               |                                |            |
|---------------------------------|---------------|--------------------------------|------------|
| General approvals               |               | General approvals              |            |
|                                 |               | KEMA/KEUR                      | EN 60947   |
|                                 |               | DEKRA Certification B.V.       | 2190419.01 |
|                                 |               | UR                             | UL 1059    |
|                                 |               | Underwriters Laboratories Inc. | E45172     |
| Approval                        | Standard      | Certificate Name               |            |
| CCA<br>DEKRA Certification B.V. | EN 60947      | NTR NL-7626                    |            |
| CCA<br>DEKRA Certification B.V. | EN 61984      | 2190419.02                     |            |
| CCA<br>DEKRA Certification B.V. | IEC 61984     | NL-47799/A1                    |            |
| CSA<br>DEKRA Certification B.V. | C22.2 No. 158 | 1101144                        |            |



Approvals for marine applications



| Approval                                | Standard | Certificate Name |
|-----------------------------------------|----------|------------------|
| ABS<br>American Bureau of Ship-<br>ping | EN 60947 | 20-HG1941090-PDA |

Downloads

Environmental Product Compliance

| Compliance Search                                      |
|--------------------------------------------------------|
| Environmental Product<br>Compliance<br>769-101/000-016 |



Documentation

| Additional Information |
|------------------------|
| Technical Section      |

pdf  
2142.18 KB



| Bid Text        |            |                 |                                                                                                     |
|-----------------|------------|-----------------|-----------------------------------------------------------------------------------------------------|
| 769-101/000-016 | 19.02.2019 | xml<br>3.21 KB  | <a href="#"></a> |
| 769-101/000-016 | 04.10.2017 | doc<br>25.00 KB | <a href="#"></a> |



CAD/CAE-Data

| CAD data                        |
|---------------------------------|
| 2D/3D Models<br>769-101/000-016 |



| CAE data                             |
|--------------------------------------|
| EPLAN Data Portal<br>769-101/000-016 |
| WSCAD Universe<br>769-101/000-016    |
| ZUKEN Portal<br>769-101/000-016      |



1 Compatible Products

1.1 System counterpart

1.1.1 Double-deck terminal block



**Item No.: 870-107**  
2-conductor/2-pin, double-deck carrier terminal block; 2-conductor/2-pin ground terminal block; 2.5 mm²; PE; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; green-yellow



**Item No.: 870-137**  
4-conductor/4-pin, double-deck carrier terminal block; 4-conductor/4-pin ground terminal block; 2.5 mm²; PE; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; green-yellow



**Item No.: 870-157**  
4-pin, double-deck carrier terminal block; 4-pin ground conductor terminal block; PE; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; green-yellow



**Item No.: 870-1137**  
Double-deck terminal block; 4-conductor ground terminal block; 2.5 mm²; PE; without marker carrier; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm²; green-yellow

## 1.1.2 Ground terminal block



### Item No.: 769-237

1-conductor/1-pin ground carrier terminal block; 4 mm<sup>2</sup>; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 4,00 mm<sup>2</sup>; green-yellow



### Item No.: 769-257

2-conductor/1-pin ground carrier terminal block; 4 mm<sup>2</sup>; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 4,00 mm<sup>2</sup>; green-yellow



### Item No.: 769-217

2-conductor/2-pin ground carrier terminal block; 4 mm<sup>2</sup>; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 4,00 mm<sup>2</sup>; green-yellow



### Item No.: 870-107

2-conductor/2-pin, double-deck carrier terminal block; 2-conductor/2-pin ground terminal block; 2.5 mm<sup>2</sup>; PE; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm<sup>2</sup>; green-yellow



### Item No.: 769-227

2-pin ground carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; green-yellow



### Item No.: 870-137

4-conductor/4-pin, double-deck carrier terminal block; 4-conductor/4-pin ground terminal block; 2.5 mm<sup>2</sup>; PE; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm<sup>2</sup>; green-yellow



### Item No.: 769-207

4-pin ground carrier terminal block; for DIN-rail 35 x 15 and 35 x 7.5; green-yellow



### Item No.: 870-157

4-pin, double-deck carrier terminal block; 4-pin ground conductor terminal block; PE; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; green-yellow



### Item No.: 870-1137

Double-deck terminal block; 4-conductor ground terminal block; 2.5 mm<sup>2</sup>; PE; without marker carrier; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 2,50 mm<sup>2</sup>; green-yellow

## 1.2 Optional Accessories

### 1.2.1 Cover

#### 1.2.1.1 Cover



### Item No.: 769-436

Jumper cover; for 1-conductor female plugs; for 5 poles; gray

## 1.2.2 Ferrule

### 1.2.2.1 Ferrule



### Item No.: 216-301

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow



### Item No.: 216-302

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise



### Item No.: 216-201

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white



### Item No.: 216-101

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; un-insulated; electro-tin plated; silver-colored



### Item No.: 216-202

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray



### Item No.: 216-102

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; un-insulated; electro-tin plated; silver-colored



### Item No.: 216-203

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red



### Item No.: 216-103

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; un-insulated; electro-tin plated



### Item No.: 216-204

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black



### Item No.: 216-104

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; un-insulated; electro-tin plated; silver-colored



### Item No.: 216-206

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; blue

## 1.2.3 Insulation stop

1.2.3.1 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

1.2.4 Jumper

1.2.4.1 Jumper



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

1.2.5 Locking system

1.2.5.1 Locking system



**Item No.: 769-428**  
Locking lever; gray



**Item No.: 769-429**  
Locking lever; orange

1.2.6 Marking

1.2.6.1 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

1.2.6.2 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

1.2.6.3 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

1.2.7 Protective warning marker

1.2.7.1 Cover



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

1.2.8 Strain relief

1.2.8.1 Strain relief



Item No.: 769-410  
Strain relief plate; gray

1.2.9 Test and measurement

1.2.9.1 Testing accessories



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

1.2.10 Tool

1.2.10.1 Operating tool



Item No.: 210-490  
Operating tool



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