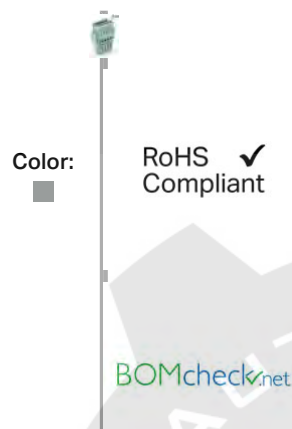


## Data sheet | Item number: 769-113/021-000

1-conductor female plug; Locking lever; 4 mm<sup>2</sup>; 13-pole

769-113/021-000



### Item description

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

### Data

#### Electrical data

#### Ratings per IEC/EN 60664-1

|                                 |       |
|---------------------------------|-------|
| Rated voltage (III / 3)         | 500 V |
| Rated impulse voltage (III / 3) | 6 kV  |
| Rated current                   | 32 A  |

#### Connection data

|                                   |                                            |
|-----------------------------------|--------------------------------------------|
| Connection technology             | CAGE CLAMP®                                |
| Actuation type                    | Operating tool                             |
| Connectable conductor materials   | Copper                                     |
| Nominal cross section             | 4 mm <sup>2</sup>                          |
| Solid conductor                   | 0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor           | 0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG |
| Strip length                      | 8 ... 9 mm / 0.31 ... 0.35 inch            |
| No. of poles                      | 13                                         |
| Total number of connection points | 13                                         |
| Total number of potentials        | 13                                         |
| Type of wiring                    | Front-entry wiring                         |

## Geometrical Data

|              |                      |
|--------------|----------------------|
| Width        | 80.6 mm / 3.173 inch |
| Height       | 45.2 mm / 1.78 inch  |
| Depth        | 18.3 mm / 0.72 inch  |
| Module width | 5 mm / 0.197 inch    |

## Mechanical data

|               |              |
|---------------|--------------|
| Marking level | Side marking |
|---------------|--------------|

## Plug connection

|                                    |                         |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector connection type          | for conductors          |

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | gray                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.74 MJ              |
| Weight              | 47.551 g             |

## Commercial data

|                    |               |
|--------------------|---------------|
| Country of origin  | DE            |
| GTIN               | 4044918482486 |
| Customs Tariff No. | 85366990990   |

## Approvals / Certificates

### Country specific Approvals

| Logo                                                                               | Approval                        | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | EN 60947                 | NTR NL-7626      |
|                                                                                    | CCA<br>DEKRA Certification B.V. | IEC 61984                | NL-47799         |
|  | CCA<br>DEKRA Certification B.V. | EN 61984                 | 2190419.02       |
|                                                                                    | CSA<br>DEKRA Certification B.V. | C22.2 No. 158            | 1101144          |



KEMA/KEUR  
 DEKRA Certification B.V.

EN 60947

2190419.01

#### Ship Approvals

| Logo                                                                             | Approval                           | Additional Approval Text | Certificate name         |
|----------------------------------------------------------------------------------|------------------------------------|--------------------------|--------------------------|
|  | ABS<br>American Bureau of Shipping | EN 60947                 | 14-<br>HG1293677-<br>PDA |

#### UL-Approvals

| Logo                                                                               | Approval                             | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|--------------------------------------|--------------------------|------------------|
|   | UR<br>Underwriters Laboratories Inc. | UL 1977                  | E45171           |
|  | UR<br>Underwriters Laboratories Inc. | UL 1059                  | E45172           |

#### Compatible products

#### Jumper



Item no.: 769-402  
 Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs

769-402

#### Marking accessories



Item no.: 2009-145  
 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

|                                                                                    |                                                                                                                               |                      |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------|
|    | <b>Item no.: 2009-145/000-002</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145<br>/000-002 |
|    | <b>Item no.: 2009-145/000-005</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145<br>/000-005 |
|    | <b>Item no.: 2009-145/000-006</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145<br>/000-006 |
|    | <b>Item no.: 2009-145/000-007</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145<br>/000-007 |
|    | <b>Item no.: 2009-145/000-012</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145<br>/000-012 |
|    | <b>Item no.: 2009-145/000-023</b><br>Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type  | 2009-145<br>/000-023 |
|   | <b>Item no.: 2009-145/000-024</b><br>Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-145<br>/000-024 |
|  | <b>Item no.: 210-805</b><br>Labels; for Smart Printer                                                                         | 210-805              |
|  | <b>Item no.: 210-805/000-002</b><br>Labels; for Smart Printer                                                                 | 210-805<br>/000-002  |
|  | <b>Item no.: 210-831</b><br>Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive                                        | 210-831              |
|  | <b>Item no.: 210-832</b><br>Marking strips; on reel; 3 mm wide; plain; Self-adhesive                                          | 210-832              |
|  | <b>Item no.: 210-834</b><br>Marking strips; on reel; 5 mm wide; plain; Self-adhesive                                          | 210-834              |
|  | <b>Item no.: 248-501</b><br>Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card  | 248-501              |
|  | <b>Item no.: 248-501/000-002</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | 248-501<br>/000-002  |
|  | <b>Item no.: 248-501/000-005</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | 248-501<br>/000-005  |
|  | <b>Item no.: 248-501/000-006</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | 248-501<br>/000-006  |

**Item no.: 248-501/000-007**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-007

248-501

**Item no.: 248-501/000-012**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-012

248-501

**Item no.: 248-501/000-017**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-017

248-501

**Item no.: 248-501/000-023**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-023

248-501

**Item no.: 248-501/000-024**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type

/000-024

248-501

**Locking lever****Item no.: 769-428**

Locking lever

769-428

**Item no.: 769-429**

Locking lever

769-429

**Item no.: 769-430**

Locking lever

769-430

**Item no.: 769-431**

Locking lever

769-431

**Insulation stop****Item no.: 769-470**Insulation stop; 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pieces/strip

769-470

**Item no.: 769-471**Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip

769-471

**Item no.: 769-472**Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip

769-472

**ferrule****Item no.: 216-101**Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated

216-101

**Item no.: 216-102**Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated

216-102

**Item no.: 216-103**Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated

216-103

**Item no.: 216-104**Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated

216-104

**Item no.: 216-201**Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated

216-201

|                                                                                    |                                                                                                                         |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------|
|     | <b>Item no.: 216-202</b><br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated                        | 216-202             |
|     | <b>Item no.: 216-203</b><br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated                           | 216-203             |
|     | <b>Item no.: 216-204</b><br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated                         | 216-204             |
|     | <b>Item no.: 216-206</b><br>Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated                         | 216-206             |
|                                                                                    | <b>Item no.: 216-301</b><br>Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated                        | 216-301             |
|     | <b>Item no.: 216-302</b><br>Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated                        | 216-302             |
| <b>Protective Warning Marker</b>                                                   |                                                                                                                         |                     |
|    | <b>Item no.: 280-415</b><br>Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks           | 280-415             |
| <b>check</b>                                                                       |                                                                                                                         |                     |
|    | <b>Item no.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable                                                        | 210-136             |
|   | <b>Item no.: 210-137</b><br>Test plug; 2.3 mm Ø; with 500 mm cable                                                      | 210-137             |
| <b>General accessories</b>                                                         |                                                                                                                         |                     |
|  | <b>Item no.: 769-436</b><br>Jumper cover; for 1-conductor female plugs; for 5 poles                                     | 769-436             |
| <b>Strain relief plate</b>                                                         |                                                                                                                         |                     |
|  | <b>Item no.: 769-1613</b><br>Strain relief housing                                                                      | 769-1613            |
|  | <b>Item no.: 769-414</b><br>Strain relief plate                                                                         | 769-414             |
| <b>Male plug</b>                                                                   |                                                                                                                         |                     |
|  | <b>Item no.: 769-613</b><br>1-conductor male connector; 4 mm²; Pin spacing 5 mm; 13-pole                                | 769-613             |
|  | <b>Item no.: 769-613/001-000</b><br>1-conductor male connector; Snap-in mounting feet; 4 mm²; Pin spacing 5 mm; 13-pole | 769-613<br>/001-000 |
|  | <b>Item no.: 769-613/002-000</b><br>1-conductor male connector; clamping collar; 4 mm²; Pin spacing 5 mm; 13-pole       | 769-613<br>/002-000 |
|  | <b>Item no.: 769-613/004-000</b><br>1-conductor male connector; Feedthrough flange; 4 mm²; Pin spacing 5 mm; 13-pole    | 769-613<br>/004-000 |

**Item no.: 769-613/005-000**

1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 13-pole

769-613

/005-000

**Item no.: 769-613/006-000**

1-conductor male connector; Snap-in flange; 4 mm²; Pin spacing 5 mm; 13-pole

769-613

/006-000

**Item no.: 769-643**

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 13-pole

769-643

**Item no.: 769-643/003-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 13-pole

769-643

/003-000

**Item no.: 769-643/004-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 13-pole

769-643

/004-000

**Item no.: 769-643/007-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 13-pole

769-643

/007-000

**Item no.: 769-673**

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 13-pole

769-673

**Item no.: 769-673/003-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 13-pole

769-673

/003-000

**Item no.: 769-673/004-000**

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 13-pole

769-673

/004-000

**Downloads****Documentation****Bid Text**

769-113/021-000

doc  
25.6 kB

Download

**CAD/CAE - Smart Data****CAD data**

3D Download 769-113/021-000

URL

Download

## Product family

### X-COM

[Learn more about the product family.](#)

[Show all products from the family](#)



Subject to changes.

---