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## 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)         | 690 V |
| Rated impulse voltage (III / 3) | 6 kV  |
| Rated current                   | 24 A  |
| Rated current (2)               | 32 A  |

### Connection data

|                                      |                                                               |
|--------------------------------------|---------------------------------------------------------------|
| Connection technology                | Push-in CAGE CLAMP®                                           |
| Actuation type                       | Open Tool Slot<br>Push-in                                     |
| Connectable conductor materials      | Copper                                                        |
| Nominal cross section                | 2.5 mm <sup>2</sup>                                           |
| Solid conductor                      | 0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG                    |
| Solid conductor, push-in termination | 0.75 ... 4 mm <sup>2</sup> / 18 ... 12 AWG                    |
| Fine-stranded conductor              | 0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG                    |
| Strip length                         | 10 ... 12 mm / 0.39 ... 0.47 inch                             |
| Note (conductor cross-section)       | Depending on the conductor characteristic, a conductor with a |

smaller cross section can also be inserted via push-in termination.

|                                   |                    |
|-----------------------------------|--------------------|
| No. of poles                      | 15                 |
| Total number of connection points | 15                 |
| Total number of potentials        | 15                 |
| Type of wiring                    | Front-entry wiring |

## Geometrical Data

|              |                      |
|--------------|----------------------|
| Width        | 78 mm / 3.071 inch   |
| Height       | 40.5 mm / 1.594 inch |
| Depth        | 22.4 mm / 0.882 inch |
| Module width | 5.2 mm / 0.205 inch  |

## Mechanical data

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

## Plug connection

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

## Material Data

|                     |                          |
|---------------------|--------------------------|
| Color               | green-yellow, blue, gray |
| Insulating material | Polyamide 66 (PA 66)     |
| Fire load           | 0.802 MJ                 |
| Weight              | 49.505 g                 |

## Commercial data

|                    |                   |
|--------------------|-------------------|
| Product Group      | 18 (X-COM-System) |
| Country of origin  | DE                |
| GTIN               | 4045454915896     |
| Customs Tariff No. | 85366990990       |

## Approvals / Certificates

### Country specific Approvals

| Logo                                                                               | Approval                        | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------|--------------------------|------------------|
|  | CSA<br>DEKRA Certification B.V. | C22.2 No. 158            | 70107915         |

## Compatible products

### Locking lever

|                                                                                  |                                                                                                          |          |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------|
|  | <b>Item no.: 2022-151</b><br>Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more | 2022-151 |
|  | <b>Item no.: 2022-152</b><br>Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more | 2022-152 |

### tools

|                                                                                  |                                                                                                         |         |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 210-720</b><br>Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm | 210-720 |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------|

### Protective Warning Marker

|                                                                                  |                                                                                                                |          |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------|
|  | <b>Item no.: 2002-115</b><br>Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks | 2002-115 |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------|

### Marking accessories

|                                                                                    |                                                                                                                          |                      |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------|
|   | <b>Item no.: 2009-110</b><br>Marking strips; on reel; not stretchable; plain; snap-on type                               | 2009-110             |
|  | <b>Item no.: 2009-115</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type         | 2009-115             |
|  | <b>Item no.: 2009-115/000-002</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115<br>/000-002 |
|  | <b>Item no.: 2009-115/000-006</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type  | 2009-115<br>/000-006 |
|  | <b>Item no.: 2009-115/000-007</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115<br>/000-007 |
|  | <b>Item no.: 2009-115/000-012</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type  | 2009-115<br>/000-012 |
|  | <b>Item no.: 2009-115/000-017</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115<br>/000-017 |
|  | <b>Item no.: 2009-115/000-023</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type | 2009-115<br>/000-023 |
|                                                                                    | <b>Item no.: 2009-115/000-024</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type  | 2009-115<br>/000-024 |

**Item no.: 2009-135**

WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-135

**Item no.: 210-805**

Labels; for Smart Printer

210-805

**Item no.: 210-805/000-002**

Labels; for Smart Printer; permanent adhesive

/000-002

210-805

**Item no.: 210-831**

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive

210-831

**Item no.: 210-832**

Marking strips; on reel; 3 mm wide; plain; Self-adhesive

210-832

**Item no.: 210-833**

Marking strips; on reel; 6 mm wide; plain; Self-adhesive

210-833

**Item no.: 210-834**

Marking strips; on reel; 5 mm wide; plain; Self-adhesive

210-834

**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

793-5501

**Item no.: 793-5501/000-002**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type

/000-002

793-5501

**Item no.: 793-5501/000-005**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-005

793-5501

**Item no.: 793-5501/000-006**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

793-5501

**Item no.: 793-5501/000-007**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007

793-5501

**Item no.: 793-5501/000-012**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-012

793-5501

**Item no.: 793-5501/000-017**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-017

793-5501

**Item no.: 793-5501/000-023**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-023

793-5501

**Item no.: 793-5501/000-024**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-024

793-5501

|                                                                                    |                                                                                                                                                                                      |          |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| <b>ferrule</b>                                                                     |                                                                                                                                                                                      |          |
|     | <b>Item no.: 216-241</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | 216-241  |
|     | <b>Item no.: 216-242</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-242  |
|     | <b>Item no.: 216-243</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90    | 216-243  |
|     | <b>Item no.: 216-244</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | 216-244  |
|     | <b>Item no.: 216-246</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | 216-246  |
|     | <b>Item no.: 216-262</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | 216-262  |
|     | <b>Item no.: 216-263</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90    | 216-263  |
|    | <b>Item no.: 216-264</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | 216-264  |
|   | <b>Item no.: 216-266</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | 216-266  |
|   | <b>Item no.: 216-284</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | 216-284  |
|   | <b>Item no.: 216-286</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90  | 216-286  |
| <b>Insulation stop</b>                                                             |                                                                                                                                                                                      |          |
|  | <b>Item no.: 2002-171</b><br>Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip                                                                                            | 2002-171 |
|  | <b>Item no.: 2002-172</b><br>Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip                                                                                              | 2002-172 |
| <b>Strain relief plate</b>                                                         |                                                                                                                                                                                      |          |
|  | <b>Item no.: 734-431</b><br>Strain relief plate                                                                                                                                      | 734-431  |

## Downloads

## Documentation

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