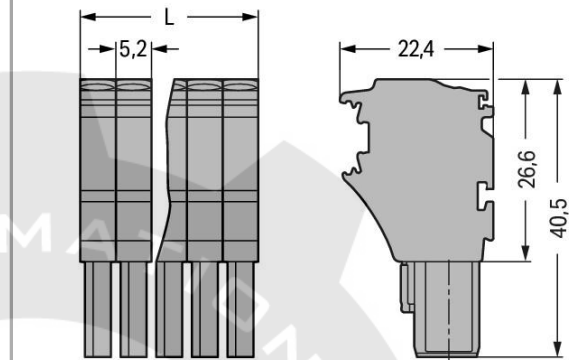




L = pole no. x module width



RoHS   
 Compliant

 BOMcheck.net

Color: 

## 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 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                                                                                                    |
| 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                         | 1                                                                                                                                 |
| Total number of connection points    | 1                                                                                                                                 |
| Total number of potentials           | 1                                                                                                                                 |
| Type of wiring                       | Front-entry wiring                                                                                                                |

### Geometrical Data

|        |                      |
|--------|----------------------|
| Width  | 5.2 mm / 0.205 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               | gray                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.06 MJ              |
| Weight              | 3.415 g              |

## Commercial data

|                    |                   |
|--------------------|-------------------|
| Product Group      | 18 (X-COM-System) |
| Country of origin  | CN                |
| GTIN               | 4050821242734     |
| 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<br>7628   |
|  | CSA<br>DEKRA Certification B.V.       | C22.2 No. 158            | 70107915         |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | EN 61984                 | 71-<br>101560    |

### Ship Approvals

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



**BV**  
Bureau Veritas S.A.

EN 60947

38586/A0 BV



**DNV GL**  
Det Norske Veritas, Germanischer Lloyd

-

TAE00001V2



**LR**  
Lloyds Register

EN 60947

91/20112  
(E9)

#### UL-Approvals

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

#### Compatible products

##### Strain relief plate

|  |                                                 |         |
|--|-------------------------------------------------|---------|
|  | <b>Item no.: 734-326</b><br>Strain relief plate | 734-326 |
|  | <b>Item no.: 734-327</b><br>Strain relief plate | 734-327 |
|  | <b>Item no.: 734-328</b><br>Strain relief plate | 734-328 |
|  | <b>Item no.: 734-329</b><br>Strain relief plate | 734-329 |
|  | <b>Item no.: 734-430</b><br>Strain relief plate | 734-430 |



**Item no.: 734-431**  
Strain relief plate

734-431

## ferrule

|                                                                                   |                                                                                                                                                                                      |         |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|    | <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 |

## Insulation stop

|                                                                                    |                                                                                           |          |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------|
|  | <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 |

## 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 |

|                                                                                    |                                                                                                                                                   |          |          |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|
|   | <b>Item no.: 2009-115/000-006</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                           | /000-006 | 2009-115 |
|   | <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                          | /000-007 | 2009-115 |
|   | <b>Item no.: 2009-115/000-012</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                           | /000-012 | 2009-115 |
|   | <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                          | /000-017 | 2009-115 |
|   | <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                          | /000-023 | 2009-115 |
|   | <b>Item no.: 2009-115/000-024</b><br>WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                           | /000-024 | 2009-115 |
|    | <b>Item no.: 2009-135</b><br>WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type                                  |          | 2009-135 |
|  | <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; permanent adhesive                                                                 | /000-002 | 210-805  |
|  | <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.: 210-833</b><br>Marking strips; on reel; 6 mm wide; plain; Self-adhesive                                                              |          | 210-833  |
|  | <b>Item no.: 210-834</b><br>Marking strips; on reel; 5 mm wide; plain; Self-adhesive                                                              |          | 210-834  |
|  | <b>Item no.: 793-5501</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type         |          | 793-5501 |
|  | <b>Item no.: 793-5501/000-002</b><br>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 |
|  | <b>Item no.: 793-5501/000-005</b><br>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

#### Locking lever



**Item no.: 2022-141**  
Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs

2022-141



**Item no.: 2022-142**  
Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs

2022-142



**Item no.: 2022-151**  
Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more

2022-151



**Item no.: 2022-152**  
Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more

2022-152

#### Protective Warning Marker



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

2002-115

#### tools



**Item no.: 210-720**  
Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm

210-720

#### Downloads

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