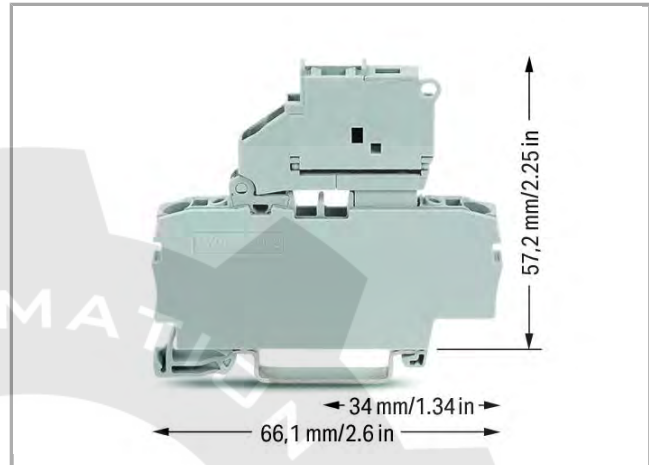
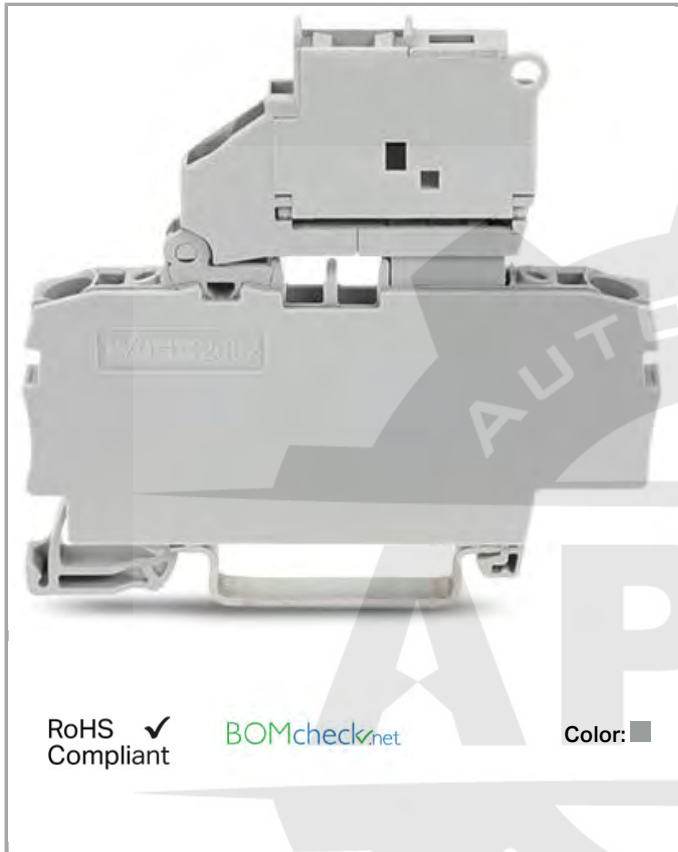


## Data sheet | Item number: 2002-1611

2-conductor fuse terminal block; with pivoting fuse holder; and end plate; for  
5 x 20 mm miniature metric fuse; without blown fuse indication; for DIN-rail  
35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®



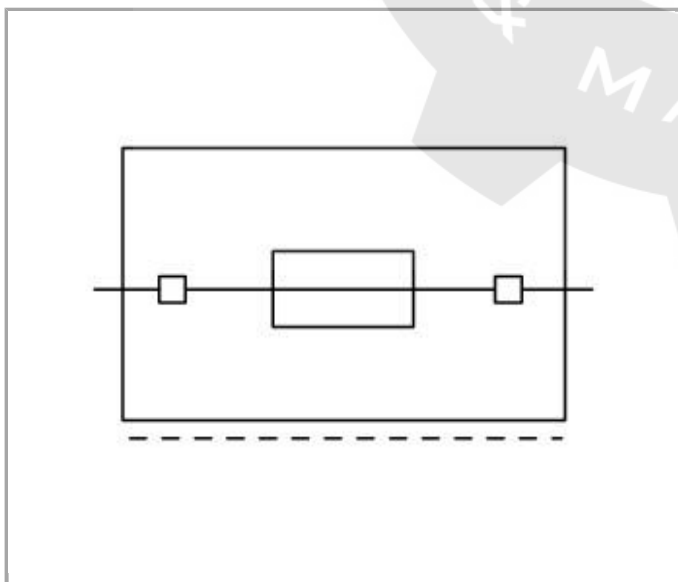
2002-1611



RoHS  
Compliant

BOMcheck.net

Color: ■



Item description

#### Safety information 1:

Electrical ratings are given by the fuse.

#### Data

##### Electrical data

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

|                                 |       |
|---------------------------------|-------|
| Rated voltage (III / 3)         | 250 V |
| Rated impulse voltage (III / 3) | 6 kV  |
| Rated current                   | 6.3 A |

##### Approvals per UL 1059

|                                |       |
|--------------------------------|-------|
| Rated voltage UL (Use Group B) | 250 V |
| Rated current UL (Use Group B) | 6.3 A |
| Rated voltage UL (Use Group C) | 250 V |
| Rated current UL (Use Group C) | 6.3 A |
| Rated voltage UL (Use Group D) | 250 V |
| Rated current UL (Use Group D) | 6.3 A |

##### Connection data

|                                      |                                                                                                                                   |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Connection technology                | Push-in CAGE CLAMP®                                                                                                               |
| Actuation type                       | Push-in<br>Open Tool Slot                                                                                                         |
| 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. |
| Total number of connection points    | 2                                                                                                                                 |
| Total number of potentials           | 1                                                                                                                                 |
| Number of levels                     | 1                                                                                                                                 |
| Type of wiring                       | Front-entry wiring                                                                                                                |

##### Geometrical Data

|                                       |                      |
|---------------------------------------|----------------------|
| Width                                 | 6.2 mm / 0.244 inch  |
| Height from upper-edge of DIN-35 rail | 57.2 mm / 2.252 inch |

|       |                      |
|-------|----------------------|
| Depth | 66.1 mm / 2.602 inch |
|-------|----------------------|

## Mechanical data

|                  |                     |
|------------------|---------------------|
| Design           | horizontal          |
| Type of mounting | DIN-35 rail         |
| Marking level    | Center/side marking |

## Material Data

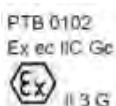
|                     |                      |
|---------------------|----------------------|
| Color               | gray                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.282 MJ             |
| Weight              | 13.239 g             |

## Commercial data

|                    |               |
|--------------------|---------------|
| Product Group      | 22 (TOPJOB S) |
| Country of origin  | CN            |
| GTIN               | 4045454974732 |
| Customs Tariff No. | 85369095990   |

## Approvals / Certificates

### Ex-Approvals

| Logo                                                                               | Approval                              | Additional Approval Text | Certificate name        |
|------------------------------------------------------------------------------------|---------------------------------------|--------------------------|-------------------------|
|                                                                                    | AEx<br>Underwriters Laboratories Inc. | UL 60079                 | E185892                 |
|  | ATEX<br>KIWA Netherlands B.V.         | EN 60079                 | KIWA<br>17ATEX0030<br>U |
|  | IECEx<br>KIWA Netherlands B.V.        | EN 60079                 | IECEx KIWA<br>17.0014U  |

### Country specific Approvals

| Logo                                                                               | Approval                              | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------------|--------------------------|------------------|
|  | CSA<br>DEKRA Certification B.V.       | C22.2 No. 158            | 1536069          |
|                                                                                    | KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947                 | 71-<br>107687    |



#### Ship Approvals

| Logo                                                                             | Approval                                                | Additional Approval Text | Certificate name         |
|----------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------|--------------------------|
|  | <b>ABS</b><br>American Bureau of Shipping               | EN 60947                 | 14-<br>HG1293677-<br>PDA |
|  | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2               |
|  | <b>LR</b><br>Lloyds Register                            | EN 60947                 | 91/20112<br>(E9)         |

#### UL-Approvals

| Logo                                                                               | Approval                                    | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|---------------------------------------------|--------------------------|------------------|
|  | <b>UR</b><br>DEKRA Certification B.V.       | EN 60947                 | NTR NL<br>7730   |
|  | <b>UR</b><br>Underwriters Laboratories Inc. | UL 1059                  | E45172           |
|  | <b>UR</b><br>Underwriters Laboratories Inc. | UL 1059                  | E45172           |

#### Compatible products

## End plate



**Item no.: 2002-991**  
 End plate for fuse terminal blocks; 2 mm thick

2002-991



**Item no.: 2002-992**  
 End plate for fuse terminal blocks; 2 mm thick

2002-992

## Marking accessories



**Item no.: 2009-110**  
 Marking strips; on reel; not stretchable; plain; snap-on type

2009-110



**Item no.: 2009-115**  
 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115



**Item no.: 2009-115/000-002**  
 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-002



**Item no.: 2009-115/000-005**  
 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-005



**Item no.: 2009-115/000-006**  
 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-006



**Item no.: 2009-115/000-007**  
 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-007



**Item no.: 2009-115/000-012**  
 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-012



**Item no.: 2009-115/000-017**  
 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-017



**Item no.: 2009-115/000-023**  
 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-023



**Item no.: 2009-115/000-024**  
 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-115

/000-024



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

2009-145



**Item no.: 2009-145/000-002**  
 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

/000-002



**Item no.: 2009-145/000-005**  
 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145

/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 | /000-006 | 2009-145 |
|    | <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 | /000-007 | 2009-145 |
|    | <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 | /000-012 | 2009-145 |
|    | <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  | /000-023 | 2009-145 |
|    | <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 | /000-024 | 2009-145 |
|    | <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                      | /000-002 | 248-501  |
|  | <b>Item no.: 248-501/000-005</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-005 | 248-501  |
|  | <b>Item no.: 248-501/000-006</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-006 | 248-501  |
|  | <b>Item no.: 248-501/000-007</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-007 | 248-501  |
|  | <b>Item no.: 248-501/000-012</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-012 | 248-501  |
|  | <b>Item no.: 248-501/000-017</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-017 | 248-501  |
|  | <b>Item no.: 248-501/000-023</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-023 | 248-501  |
|  | <b>Item no.: 248-501/000-024</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type                      | /000-024 | 248-501  |
|  | <b>Item no.: 793-501</b><br>WMB marking card; as card; not stretchable; plain; snap-on type                                   |          | 793-501  |

**Item no.: 793-501/000-002**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-002

793-501

**Item no.: 793-501/000-005**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-005

793-501

**Item no.: 793-501/000-006**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-006

793-501

**Item no.: 793-501/000-007**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-007

793-501

**Item no.: 793-501/000-012**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-012

793-501

**Item no.: 793-501/000-017**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-017

793-501

**Item no.: 793-501/000-023**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-023

793-501

**Item no.: 793-501/000-024**

WMB marking card; as card; not stretchable; plain; snap-on type

/000-024

793-501

**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.: 793-5501/000-014**

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

/000-014

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

#### N-busbar



**Item no.: 210-254**  
Interlocking link; mechanically locks multiple links; 1 m long

210-254

#### Protective Warning Marker



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

2002-115

#### ferrule



**Item no.: 216-241**  
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



**Item no.: 216-242**  
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



**Item no.: 216-243**  
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



**Item no.: 216-244**  
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



**Item no.: 216-246**  
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



**Item no.: 216-262**  
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



**Item no.: 216-263**  
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



**Item no.: 216-264**  
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



**Item no.: 216-266**  
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

#### Carrier rail



**Item no.: 210-112**  
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm

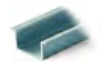
210-112

**Item no.: 210-113**



Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslopped; according to EN 60715

210-113



**Item no.: 210-114**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslopped; similar to EN 60715

210-114



**Item no.: 210-115**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slopped; according to EN 60715; Hole width 18 mm

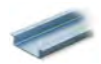
210-115



**Item no.: 210-118**

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslopped; according to EN 60715

210-118



**Item no.: 210-196**

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslopped; similar to EN 60715

210-196



**Item no.: 210-197**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slopped; similar to EN 60715

210-197



**Item no.: 210-198**

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslopped; according to EN 60715

210-198



**Item no.: 210-504**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slopped; galvanized; according to EN 60715

210-504



**Item no.: 210-505**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslopped; galvanized; according to EN 60715

210-505



**Item no.: 210-506**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslopped; galvanized; similar to EN 60715

210-506



**Item no.: 210-508**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slopped; galvanized; similar to EN 60715

210-508

#### Insulation stop



**Item no.: 2002-171**

Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip

2002-171



**Item no.: 2002-172**

Insulation stop; 0.75 - 1 mm²; 5 pieces/strip

2002-172

#### Jumper



**Item no.: 2004-402**

Push-in type jumper bar; insulated; 2-way; Nominal current 32 A

2004-402



**Item no.: 2004-403**

Push-in type jumper bar; insulated; 3-way; Nominal current 32 A

2004-403



**Item no.: 2004-404**

Push-in type jumper bar; insulated; 4-way; Nominal current 32 A

2004-404



**Item no.: 2004-405**

Push-in type jumper bar; insulated; 5-way; Nominal current 32 A

2004-405



**Item no.: 2004-405/011-000**

Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block

2004-405

/011-000

**Item no.: 2004-406**

Push-in type jumper bar; insulated; 6-way; Nominal current 32 A

2004-406



**Item no.: 2004-406/020-000**  
Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block

1020-000

2004-406



**Item no.: 2004-407**  
Push-in type jumper bar; insulated; 7-way; Nominal current 32 A

2004-407



**Item no.: 2004-408**  
Push-in type jumper bar; insulated; 8-way; Nominal current 32 A

2004-408



**Item no.: 2004-409**  
Push-in type jumper bar; insulated; 9-way; Nominal current 32 A

2004-409



**Item no.: 2004-410**  
Push-in type jumper bar; insulated; 10-way; Nominal current 32 A

2004-410



**Item no.: 2004-433**  
Push-in type jumper bar; insulated; from 1 to 3; Nominal current 32 A

2004-433



**Item no.: 2004-434**  
Push-in type jumper bar; insulated; from 1 to 4; Nominal current 32 A

2004-434



**Item no.: 2004-435**  
Push-in type jumper bar; insulated; from 1 to 5; Nominal current 32 A

2004-435



**Item no.: 2004-436**  
Push-in type jumper bar; insulated; from 1 to 6; Nominal current 32 A

2004-436



**Item no.: 2004-437**  
Push-in type jumper bar; insulated; from 1 to 7; Nominal current 32 A

2004-437



**Item no.: 2004-438**  
Push-in type jumper bar; insulated; from 1 to 8; Nominal current 32 A

2004-438



**Item no.: 2004-439**  
Push-in type jumper bar; insulated; from 1 to 9; Nominal current 32 A

2004-439



**Item no.: 2004-440**  
Push-in type jumper bar; insulated; from 1 to 10; Nominal current 32 A

2004-440



**Item no.: 2009-412**  
Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 1.5 mm<sup>2</sup>; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks

2009-412



**Item no.: 2009-414**  
Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 1.5 mm<sup>2</sup>; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks

2009-414



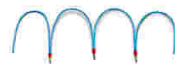
**Item no.: 2009-416**  
Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 1.5 mm<sup>2</sup>; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks

2009-416



**Item no.: 210-103**  
Wire commoning chain; insulated; 50 connections

210-103



**Item no.: 210-123**  
Wire commoning chain; insulated; 50 connections

210-123

check



|                                                                                  |                                                                                                                |         |
|----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------|
|  | <b>Item no.: 210-136</b><br>Test plug; 2 mm Ø; with 500 mm cable                                               | 210-136 |
| <b>tools</b>                                                                     |                                                                                                                |         |
|  | <b>Item no.: 210-658</b><br>Operating tool with partially insulated shaft; Blade (3.5 x 0.5) mm; short; angled | 210-658 |
|  | <b>Item no.: 210-720</b><br>Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm        | 210-720 |

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

|           |                 |          |
|-----------|-----------------|----------|
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|-----------|-----------------|----------|

**Additional Information**

|  |               |          |
|--|---------------|----------|
|  | pdf<br>2.1 MB | Download |
|--|---------------|----------|

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

|                       |     |          |
|-----------------------|-----|----------|
| 3D Download 2002-1611 | URL | Download |
|-----------------------|-----|----------|

Subject to changes.