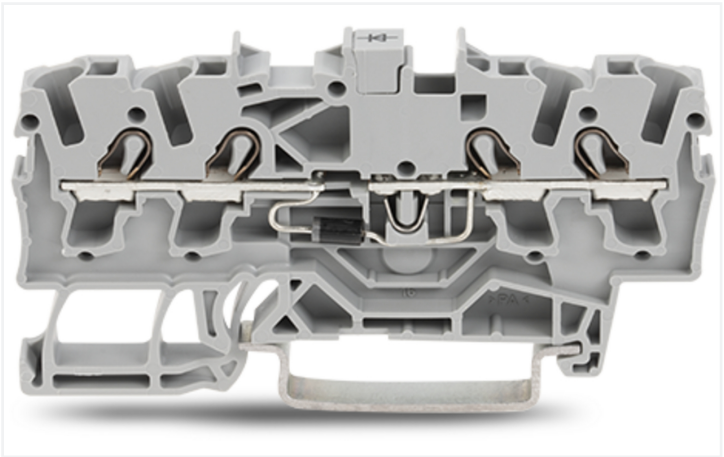
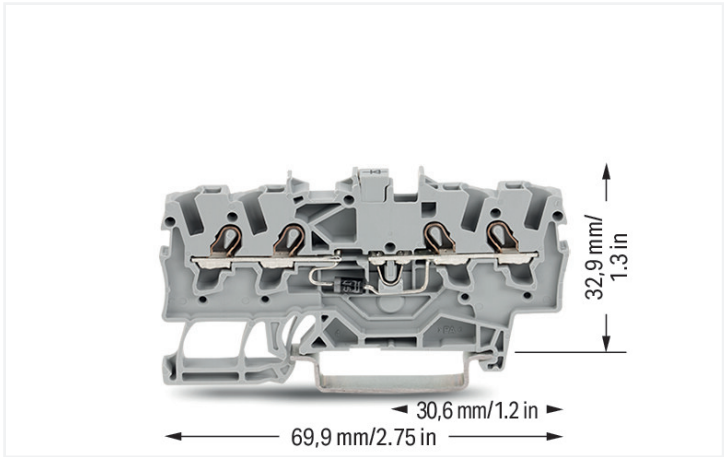


**Data Sheet | Item Number: 2202-1411/1000-411**

Component terminal block; 4-conductor; with diode 1N4007; anode, right side; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

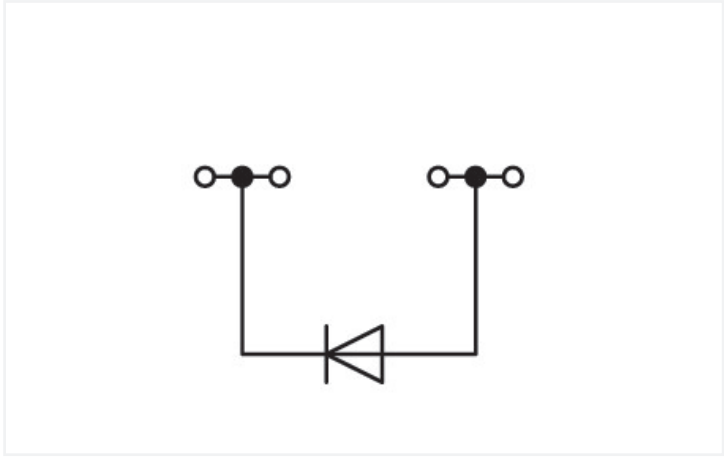
<https://www.wago.com/2202-1411/1000-411>



Color: ■ gray

Similar to illustration

Similar to illustration



Similar to illustration

**Component terminal block with diode, 2202 Series, Push-in CAGE CLAMP®**

Easily, quickly and safely connect conductors with this component terminal block with diode (item number 2202-1411/1000-411). Ensure that the strip lengths are between 10 and 12 mm when connecting conductors to this component terminal block with diode. Featuring conductor terminals along with Push-in CAGE CLAMP®, this product delivers reliable performance. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, featuring a winning design: It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing tools. No preparation is required; for example, crimping the conductor's ferrule is not necessary. This component terminal block with diode is suitable for conductor cross sections ranging from 0.25 mm<sup>2</sup> to 4 mm<sup>2</sup>.

| Electrical data           |                    |
|---------------------------|--------------------|
| General information       |                    |
| Nominal voltage           | 250 V              |
| Reverse voltage           | 1000 V             |
| Continuous current (max.) | 500 mA             |
| Number/type of diode/LED  | with 1N4007 diode  |
| Wiring direction          | Front-entry wiring |

## Connection Data

|                            |   |
|----------------------------|---|
| Clamping units             | 4 |
| Total number of potentials | 1 |
| Number of levels           | 1 |
| Number of jumper slots     | 1 |

### Connection 1

|                                                            |                                                                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Connection technology                                      | Push-in CAGE CLAMP®                                                                                                               |
| Actuation type                                             | Push-button                                                                                                                       |
| 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                                                                                                    |
| Fine-stranded conductor; with insulated ferrule            | 0.25 ... 2.5 mm² / 22 ... 14 AWG                                                                                                  |
| Fine-stranded conductor; with ferrule; push-in termination | 1 ... 2.5 mm² / 18 ... 14 AWG                                                                                                     |
| Note (conductor cross-section)                             | Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination. |
| Strip length                                               | 10 ... 12 mm / 0.39 ... 0.47 inches                                                                                               |
| Wiring direction                                           | Front-entry wiring                                                                                                                |

## Physical data

|                                   |                        |
|-----------------------------------|------------------------|
| Width                             | 5.2 mm / 0.205 inches  |
| Height                            | 69.9 mm / 2.752 inches |
| Depth from upper-edge of DIN-rail | 32.9 mm / 1.295 inches |

## Mechanical data

|               |                     |
|---------------|---------------------|
| Mounting type | DIN-35 rail         |
| Marking level | Center/side marking |

## Material data

|                                    |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | gray                                                                     |
| Material group                     | I                                                                        |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Flammability class per UL94        | V0                                                                       |
| Fire load                          | 0.161 MJ                                                                 |
| Weight                             | 9.4 g                                                                    |

## Environmental requirements

|                                  |                 |
|----------------------------------|-----------------|
| Processing temperature           | -35 ... +85 °C  |
| Continuous operating temperature | -60 ... +105 °C |



| Commercial data       |  |               |
|-----------------------|--|---------------|
| PU (SPU)              |  | 100 pcs       |
| Packaging type        |  | Box           |
| Country of origin     |  | DE            |
| GTIN                  |  | 4066966324372 |
| Customs tariff number |  | 85369010000   |

| Product Classification |  |                      |
|------------------------|--|----------------------|
| UNSPSC                 |  | 39121410             |
| ETIM 9.0               |  | EC000903             |
| ETIM 10.0              |  | EC000903             |
| ECCN                   |  | NO US CLASSIFICATION |

| Environmental Product Compliance          |  |                                                          |
|-------------------------------------------|--|----------------------------------------------------------|
| CAS-No.                                   |  | 7439-92-1<br>79-94-7                                     |
| REACH Candidate List Substance            |  | 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol<br>Lead |
| RoHS Compliance Status                    |  | Compliant,With Exemption                                 |
| RoHS Exemption                            |  | 7(a)                                                     |
| SCIP notification number (Austria)        |  | 3c691788-369b-43ec-b42f-5db17d60cdca                     |
| SCIP notification number (Belgium)        |  | 30942c14-b2f1-4cb9-9f64-8d4aee120c08                     |
| SCIP notification number (Czech Republic) |  | 81b6ee72-0129-4f10-839f-0940827af361                     |
| SCIP notification number (Denmark)        |  | 8f0c93cb-2023-40cc-9703-dc9a0db84cbe                     |
| SCIP notification number (Finland)        |  | 48b74016-22e2-4316-ae13-3c7924abe61d                     |
| SCIP notification number (Germany)        |  | f1c6b127-08e5-42b7-bfda-923b9217902a                     |
| SCIP notification number (Netherlands)    |  | b28cce8d-9cbc-4ad8-9a79-fc70245a885a                     |
| SCIP notification number (Poland)         |  | 6a8ca9e9-1a3a-413f-9679-ac9dd7b14be6                     |
| SCIP notification number (Romania)        |  | 172168fb-b497-4a03-8a41-e7bc49d31c90                     |
| SCIP notification number (Sweden)         |  | ddd423a4-1fd4-4d64-b5ae-c9cd2ce335d2                     |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance  
2202-1411/1000-411

↓

CAD/CAE-Data

CAD data

2D/3D Models  
2202-1411/1000-411

↓



1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



**Item No.: 2002-1491**  
End and intermediate plate; 0.8 mm thick; gray



**Item No.: 2002-1492**  
End and intermediate plate; 0.8 mm thick; orange

1.2 Optional Accessories

1.2.1 DIN-rail

1.2.1.1 Mounting accessories



**Item No.: 210-196**  
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



**Item No.: 210-198**  
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored



**Item No.: 210-508**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored



**Item No.: 210-197**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



**Item No.: 210-506**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored



**Item No.: 210-114**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



**Item No.: 210-118**  
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored



**Item No.: 210-115**  
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored



**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; silver-colored



**Item No.: 210-504**  
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored



**Item No.: 210-113**  
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored



**Item No.: 210-505**  
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

1.2.2 End plate

1.2.2.1 End plate



**Item No.: 2002-1493**  
Separator plate; 2 mm thick; oversized; gray



**Item No.: 2002-1494**  
Separator plate; 2 mm thick; oversized; orange

1.2.3 Ferrule

1.2.3.1 Ferrule



**Item No.: 216-241**  
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white



**Item No.: 216-242**  
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



**Item No.: 216-262**  
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



**Item No.: 216-243**  
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



1.2.3.1 Ferrule



**Item No.: 216-263**  
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



**Item No.: 216-244**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



**Item No.: 216-264**  
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black



**Item No.: 216-246**  
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue



**Item No.: 216-266**  
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

1.2.4 Installation

1.2.4.1 Cover



**Item No.: 709-156**  
Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

1.2.4.2 Cover carrier



**Item No.: 709-169**  
Cover carrier; Type 3; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

1.2.5 Insulation stop

1.2.5.1 Insulation stop



**Item No.: 2002-171**  
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray



**Item No.: 2002-172**  
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

1.2.6 Jumper

1.2.6.1 Jumper



**Item No.: 2002-400**  
Continuous jumper; 2-way; insulated; light gray



**Item No.: 2002-413**  
Continuous jumper; 3-way; insulated; light gray



**Item No.: 2002-415**  
Continuous jumper; 5-way; insulated; light gray



**Item No.: 2002-423/000-006**  
Continuous jumper; from 1 to 3; insulated; blue



**Item No.: 2002-423**  
Continuous jumper; from 1 to 3; insulated; light gray



**Item No.: 2002-423/000-005**  
Continuous jumper; from 1 to 3; insulated; red



**Item No.: 2002-424/000-006**  
Continuous jumper; from 1 to 4; insulated; blue



**Item No.: 2002-424**  
Continuous jumper; from 1 to 4; insulated; light gray



1.2.6.1 Jumper

|                                                                                                                                                                             |                                                                                                                                                                     |                                                                                                                                                                      |                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Item No.: 2002-424/000-005</b><br>Continuous jumper; from 1 to 4; insulated; red    | <br><b>Item No.: 2002-406/020-000</b><br>Delta jumper; insulated; light gray       | <br><b>Item No.: 2002-410/000-006</b><br>Jumper; 10-way; insulated; blue           | <br><b>Item No.: 2002-410</b><br>Jumper; 10-way; insulated; light gray             |
| <br><b>Item No.: 2002-410/000-005</b><br>Jumper; 10-way; insulated; red                    | <br><b>Item No.: 2002-402/000-006</b><br>Jumper; 2-way; insulated; blue            | <br><b>Item No.: 2002-402</b><br>Jumper; 2-way; insulated; light gray               | <br><b>Item No.: 2002-402/000-005</b><br>Jumper; 2-way; insulated; red             |
| <br><b>Item No.: 2002-403/000-006</b><br>Jumper; 3-way; insulated; blue                    | <br><b>Item No.: 2002-403</b><br>Jumper; 3-way; insulated; light gray              | <br><b>Item No.: 2002-403/000-005</b><br>Jumper; 3-way; insulated; red             | <br><b>Item No.: 2002-404/000-006</b><br>Jumper; 4-way; insulated; blue            |
| <br><b>Item No.: 2002-404</b><br>Jumper; 4-way; insulated; light gray                      | <br><b>Item No.: 2002-404/000-005</b><br>Jumper; 4-way; insulated; red             | <br><b>Item No.: 2002-405/000-006</b><br>Jumper; 5-way; insulated; blue            | <br><b>Item No.: 2002-405</b><br>Jumper; 5-way; insulated; light gray              |
| <br><b>Item No.: 2002-405/000-005</b><br>Jumper; 5-way; insulated; red                     | <br><b>Item No.: 2002-406/000-006</b><br>Jumper; 6-way; insulated; blue            | <br><b>Item No.: 2002-406</b><br>Jumper; 6-way; insulated; light gray              | <br><b>Item No.: 2002-406/000-005</b><br>Jumper; 6-way; insulated; red             |
| <br><b>Item No.: 2002-407/000-006</b><br>Jumper; 7-way; insulated; blue                    | <br><b>Item No.: 2002-407</b><br>Jumper; 7-way; insulated; light gray              | <br><b>Item No.: 2002-407/000-005</b><br>Jumper; 7-way; insulated; red             | <br><b>Item No.: 2002-408/000-006</b><br>Jumper; 8-way; insulated; blue            |
| <br><b>Item No.: 2002-408</b><br>Jumper; 8-way; insulated; light gray                      | <br><b>Item No.: 2002-408/000-005</b><br>Jumper; 8-way; insulated; red             | <br><b>Item No.: 2002-409/000-006</b><br>Jumper; 9-way; insulated; blue            | <br><b>Item No.: 2002-409</b><br>Jumper; 9-way; insulated; light gray              |
| <br><b>Item No.: 2002-409/000-005</b><br>Jumper; 9-way; insulated; red                   | <br><b>Item No.: 2002-440</b><br>Jumper; from 1 to 10; insulated; light gray     | <br><b>Item No.: 2002-433</b><br>Jumper; from 1 to 3; insulated; light gray      | <br><b>Item No.: 2002-434</b><br>Jumper; from 1 to 4; insulated; light gray      |
| <br><b>Item No.: 2002-435</b><br>Jumper; from 1 to 5; insulated; light gray              | <br><b>Item No.: 2002-436</b><br>Jumper; from 1 to 6; insulated; light gray      | <br><b>Item No.: 2002-437</b><br>Jumper; from 1 to 7; insulated; light gray      | <br><b>Item No.: 2002-438</b><br>Jumper; from 1 to 8; insulated; light gray      |
| <br><b>Item No.: 2002-439</b><br>Jumper; from 1 to 9; insulated; light gray              | <br><b>Item No.: 2002-480</b><br>Staggered jumper; 10-way; insulated; light gray | <br><b>Item No.: 2002-481</b><br>Staggered jumper; 11-way; insulated; light gray | <br><b>Item No.: 2002-482</b><br>Staggered jumper; 12-way; insulated; light gray |
| <br><b>Item No.: 2002-472</b><br>Staggered jumper; 2-way; insulated; light gray          | <br><b>Item No.: 2002-473</b><br>Staggered jumper; 3-way; insulated; light gray  | <br><b>Item No.: 2002-474</b><br>Staggered jumper; 4-way; insulated; light gray   | <br><b>Item No.: 2002-475</b><br>Staggered jumper; 5-way; insulated; light gray  |
| <br><b>Item No.: 2002-476</b><br>Staggered jumper; 6-way; insulated; light gray          | <br><b>Item No.: 2002-477</b><br>Staggered jumper; 7-way; insulated; light gray  | <br><b>Item No.: 2002-478</b><br>Staggered jumper; 8-way; insulated; light gray   | <br><b>Item No.: 2002-479</b><br>Staggered jumper; 9-way; insulated; light gray  |
| <br><b>Item No.: 2002-405/011-000</b><br>Star point jumper; 3-way; insulated; light gray | <br><b>Item No.: 210-103</b><br>Wire commoning chain; insulated; black           | <br><b>Item No.: 210-123</b><br>Wire commoning chain; insulated; blue            |                                                                                                                                                                       |



1.2.7 Marking

1.2.7.1 Group marker carrier



Item No.: 2009-191

Group marker carrier; gray

Item No.: 2009-192

Group marker carrier; gray

Item No.: 2009-193

Group marker carrier; gray

1.2.7.2 Marker



Item No.: 2009-145/000-006

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

Item No.: 2009-145/000-007

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

Item No.: 2009-145/000-023

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item No.: 2009-145/000-012

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item No.: 2009-145/000-005

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

Item No.: 2009-145/000-024

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

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.: 2009-145/000-002

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



Item No.: 248-501/000-006

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

Item No.: 248-501/000-007

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

Item No.: 248-501/000-023

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

Item No.: 248-501/000-017

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



Item No.: 248-501/000-012

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

Item No.: 248-501/000-005

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

Item No.: 248-501/000-024

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

Item No.: 248-501

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



Item No.: 248-501/000-002

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

Item No.: 793-5501/000-006

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

Item No.: 793-5501/000-014

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

Item No.: 793-5501/000-007

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



Item No.: 793-5501/000-023

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

Item No.: 793-5501/000-017

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

Item No.: 793-5501/000-012

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

Item No.: 793-5501/000-005

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



Item No.: 793-5501/000-024

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

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; white

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; yellow

Item No.: 2009-115/000-006

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item No.: 2009-115/000-007

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

Item No.: 2009-115/000-023

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item No.: 2009-115/000-017

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green

Item No.: 2009-115/000-012

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item No.: 2009-115/000-005

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

Item No.: 2009-115/000-024

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

Item No.: 2009-115

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 2009-115/000-002

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



1.2.7.3 Marker carrier



Item No.: 2002-161  
Adaptor; gray



Item No.: 2009-198  
Adaptor; gray

1.2.7.4 Marking strip



Item No.: 2009-110  
Marking strips; for Smart Printer; on reel;  
not stretchable; plain; snap-on type; white

1.2.8 Protective warning marker

1.2.8.1 Cover



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

1.2.9 Push-in type wire jumper

1.2.9.1 Jumper



Item No.: 2009-414  
Push-in type wire jumper; 1.5 mm<sup>2</sup>; insula-  
ted; 110 mm long; black



Item No.: 2009-414/000-005  
Push-in type wire jumper; 1.5 mm<sup>2</sup>; insu-  
lated; 110 mm long; black



Item No.: 2009-416  
Push-in type wire jumper; 1.5 mm<sup>2</sup>; insu-  
lated; 250 mm long; black



Item No.: 2009-414/000-006  
Push-in type wire jumper; insulated; 110  
mm long; black



Item No.: 2009-412  
Push-in type wire jumper; insulated; 60  
mm long; black

1.2.10 Screwless end stop

1.2.10.1 Mounting accessories



Item No.: 249-117  
Screwless end stop; 10 mm wide; for DIN-  
rail 35 x 15 and 35 x 7.5; gray



Item No.: 249-116  
Screwless end stop; 6 mm wide; for DIN-  
rail 35 x 15 and 35 x 7.5; gray



1.2.11 Test and measurement

1.2.11.1 Testing accessories



**Item No.: 2002-560**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; gray



**Item No.: 2002-511**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; gray



**Item No.: 2002-552**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; gray



**Item No.: 2002-553**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; gray



**Item No.: 2002-554**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; gray



**Item No.: 2002-555**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; gray



**Item No.: 2002-556**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; gray



**Item No.: 2002-557**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; gray



**Item No.: 2002-558**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; gray



**Item No.: 2002-559**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; gray



**Item No.: 2002-549**  
Spacer module; modular; e.g., for bridging commoned terminal blocks; gray



**Item No.: 2009-174**  
Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray



**Item No.: 2009-182**  
Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray



**Item No.: 2002-649**  
TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray



**Item No.: 2002-611**  
TOPJOB®S L-type test plug module; modular; 1-pole; gray

1.2.12 Tool

1.2.12.1 Operating tool



**Item No.: 210-658**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured



**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes



Polarized diode gates with a common cathode can be created using the following terminal blocks:  
2002-1411/1000-410 or  
2002-1411/1000-411