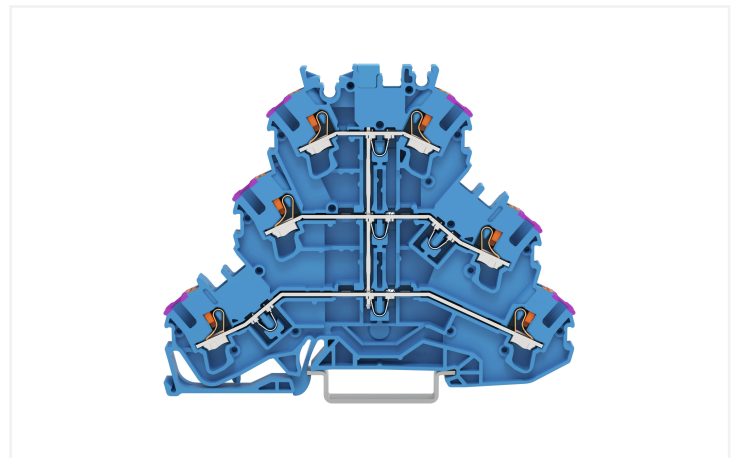
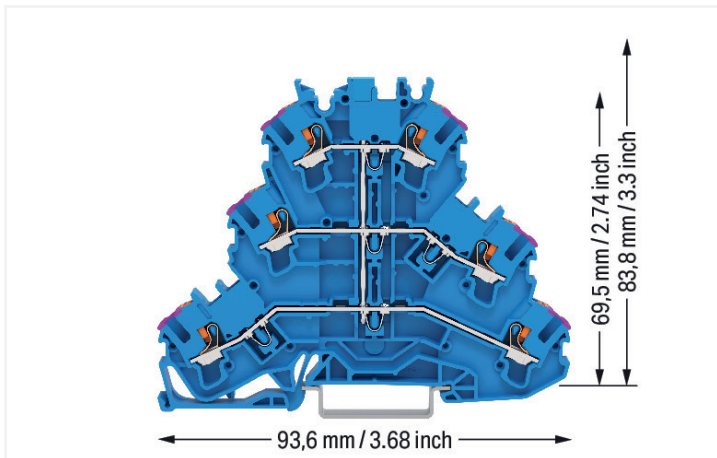


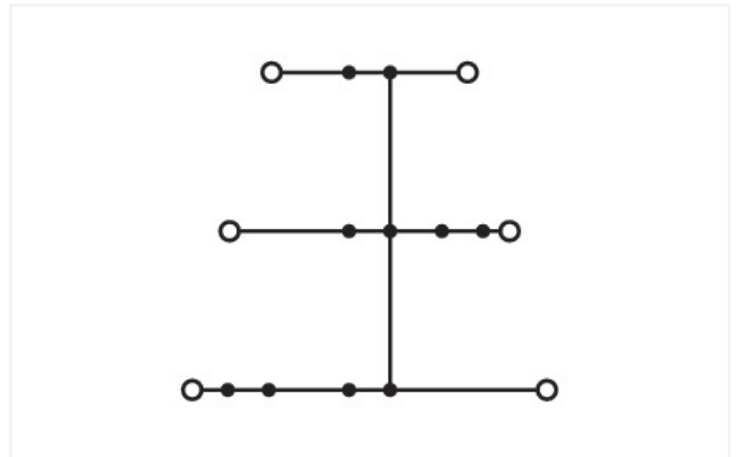
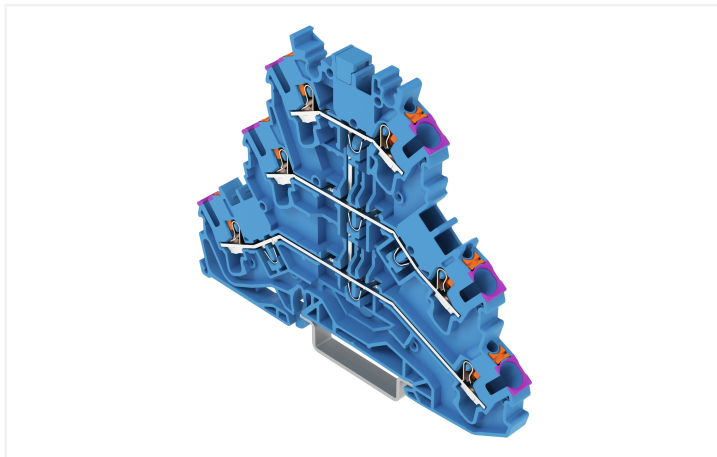
## Data Sheet | Item Number: 2202-3209

Triple-deck terminal block; with push-button; 6-conductor through terminal block; N; without marker carrier; for Ex e II and Ex i applications; internal commoning; conductor entry with violet marking; 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>; blue

<https://www.wago.com/2202-3209>



Color: ■ blue



Similar to illustration

### Triple-deck terminal block, 2202 Series, Push-in CAGE CLAMP®

Our triple-deck terminal block (item number 2202-3209) is designed for seamless electrical installations. Strip lengths must be between 10 and 12 mm when connecting conductors to this triple-deck terminal block. The triple-deck terminal block also serves as a through terminal block. This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, boasting a key feature: 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 triple-deck terminal block is suitable for conductor cross sections ranging from 0.25 mm<sup>2</sup> to 4 mm<sup>2</sup>.

This product is designed for specific Ex applications (please refer to the product datasheet).

## Electrical data

| Ratings per   | IEC/EN 60947-7-1 |     |    |
|---|------------------|-----|----|
|   | III              | III | II |
| Overvoltage category                                      | III              | III | II |
| Pollution degree  | 3                | 2   | 2  |
| Nominal voltage   | 500 V            | -   | -  |
| Rated impulse withstand voltage                           | 6 kV             | -   | -  |
| Rated current   | 24 A             | -   | -  |
| Current at conductor cross-section (max.) mm <sup>2</sup> | 26 A             | -   | -  |

## Ex information

|                                     |   |
|-------------------------------------|---|
| Reference to hazardous areas        | See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations" |
| Rated voltage EN (Ex e II)          | 440 V   |
| Rated current (Ex e II)             | 19 A  |
| Rated current (Ex e II) with jumper | 17 A  |

## Power Loss

|  |                  |
|--|------------------|
| Power loss, per pole (potential)                             | 0.7661 W         |
| Rated current $I_N$ for power loss specification             | 24 A             |
| Resistance value for specified, current-dependent power loss | 0.00133 $\Omega$ |

## General information

|                  |                    |
|------------------|--------------------|
| Wiring direction | Front-entry wiring |
|------------------|--------------------|

## Connection Data

|                            |   |
|----------------------------|---|
| Clamping units             | 6 |
| Total number of potentials | 1 |
| Number of levels           | 3 |
| Number of jumper slots     | 5 |

## Connection 1

|  |   |
|--|---|
| Connection technology                                      | Push-in CAGE CLAMP®   |
| Actuation type   | Push-button   |
| 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  |
| Fine-stranded conductor; with insulated ferrule            | 0.25 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG  |
| Fine-stranded conductor; with ferrule; push-in termination | 1 ... 2.5 mm <sup>2</sup> / 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                            | 93.6 mm / 3.685 inches |
| Depth from upper-edge of DIN-rail | 69.5 mm / 2.736 inches |

## Mechanical data

|                   |                     |
|-------------------|---------------------|
| Potential marking | N                   |
| 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                              | blue   |
| Material group                     | I  |
| Insulation material (main housing) | Polyamide (PA66)   |
| Flammability class per UL94        | V0   |
| Fire load                          | 0.28 MJ  |
| Actuator color                     | orange   |
| Weight                             | 18.3 g   |

### Environmental requirements

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

### Commercial data

|                       |               |
|-----------------------|---------------|
| PU (SPU)              | 50 pcs        |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4066966194104 |
| Customs tariff number | 85369010000   |

### Product Classification

|           |                      |
|-----------|----------------------|
| UNSPSC    | 39121410             |
| ETIM 9.0  | EC000897             |
| ETIM 10.0 | EC000897             |
| ECCN      | NO US CLASSIFICATION |

### Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

### Approvals / Certificates

#### General approvals



| Approval                              | Standard | Certificate Name                    |
|---------------------------------------|----------|-------------------------------------|
| CCA<br>DEKRA Certification B.V.       | EN 60947 | NTR NL-8032                         |
| CSA<br>DEKRA Certification B.V.       | C22.2    | 70173745                            |
| DEKRA<br>DEKRA Certification B.V.     | EN 60947 | 71-147887                           |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947 | 71-137338                           |
| UL<br>Underwriters Laboratories Inc.  | UL 1059  | UL-CA-<br>L45172-6189178-11508102-1 |

#### Declarations of conformity and manufacturer's declarations

| Approval   | Standard | Certificate Name |
|--|----------|------------------|
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | -        | -                |
| UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | -        | -                |

Approvals for hazardous areas



| Approval                                 | Standard    | Certificate Name |
|--|-------------|------------------|
| AEx<br>Underwriters Laboratories<br>Inc. | UL 60079    | E185892          |
| CCCEX<br>CQST/CNEC                       | GB/T 3836.3 | 2020312313000169 |

Downloads

Environmental Product Compliance

| Compliance Search                          |
|--|
| Environmental Product Compliance 2202-3209 |

CAD/CAE-Data

| CAD data               |
|------------------------|
| 2D/3D Models 2202-3209 |

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



[Item No.: 2002-3291](#)  
End and intermediate plate; 0.8 mm thick; gray

[Item No.: 2002-3292](#)  
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

1.2.1.1 Mounting accessories



**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 Ferrule

1.2.2.1 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; white



**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; gray



**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; gray



**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; red



**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; red



**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; black



**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; black



**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; blue



**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; blue

1.2.3 Installation

1.2.3.1 Cover



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

1.2.3.2 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

1.2.4 Insulation stop

1.2.4.1 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

1.2.5 Jumper

1.2.5.1 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



**Item No.: 2002-424/000-005**

Continuous jumper; from 1 to 4; insulated; red



**Item No.: 2002-406/020-000**

Delta jumper; insulated; light gray



**Item No.: 2002-410/000-006**

Jumper; 10-way; insulated; blue



**Item No.: 2002-410**

Jumper; 10-way; insulated; light gray



**Item No.: 2002-410/000-005**

Jumper; 10-way; insulated; red



**Item No.: 2002-402/000-006**

Jumper; 2-way; insulated; blue



**Item No.: 2002-402**

Jumper; 2-way; insulated; light gray



**Item No.: 2002-402/000-005**

Jumper; 2-way; insulated; red



**Item No.: 2002-403/000-006**

Jumper; 3-way; insulated; blue



**Item No.: 2002-403**

Jumper; 3-way; insulated; light gray



**Item No.: 2002-403/000-005**

Jumper; 3-way; insulated; red



**Item No.: 2002-404/000-006**

Jumper; 4-way; insulated; blue



**Item No.: 2002-404**

Jumper; 4-way; insulated; light gray



**Item No.: 2002-404/000-005**

Jumper; 4-way; insulated; red



**Item No.: 2002-405/000-006**

Jumper; 5-way; insulated; blue



**Item No.: 2002-405**

Jumper; 5-way; insulated; light gray



**Item No.: 2002-405/000-005**

Jumper; 5-way; insulated; red



**Item No.: 2002-406/000-006**

Jumper; 6-way; insulated; blue



**Item No.: 2002-406**

Jumper; 6-way; insulated; light gray



**Item No.: 2002-406/000-005**

Jumper; 6-way; insulated; red



**Item No.: 2002-407/000-006**

Jumper; 7-way; insulated; blue



**Item No.: 2002-407**

Jumper; 7-way; insulated; light gray



**Item No.: 2002-407/000-005**

Jumper; 7-way; insulated; red



**Item No.: 2002-408/000-006**

Jumper; 8-way; insulated; blue



**Item No.: 2002-408**

Jumper; 8-way; insulated; light gray



**Item No.: 2002-408/000-005**

Jumper; 8-way; insulated; red



**Item No.: 2002-409/000-006**

Jumper; 9-way; insulated; blue



**Item No.: 2002-409**

Jumper; 9-way; insulated; light gray



**Item No.: 2002-409/000-005**

Jumper; 9-way; insulated; red



**Item No.: 2002-440**

Jumper; from 1 to 10; insulated; light gray



**Item No.: 2002-433**

Jumper; from 1 to 3; insulated; light gray



**Item No.: 2002-434**

Jumper; from 1 to 4; insulated; light gray



**Item No.: 2002-435**

Jumper; from 1 to 5; insulated; light gray



**Item No.: 2002-436**

Jumper; from 1 to 6; insulated; light gray



**Item No.: 2002-437**

Jumper; from 1 to 7; insulated; light gray



**Item No.: 2002-438**




Jumper; from 1 to 8; insulated; light gray

1.2.5.1 Jumper





















|   |   |  |  |
|---|---|--|--|
| <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.: 2002-473/011-000</b><br>Staggered jumper; 2-way; from 1 to 3; 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.: 2002-475/011-000</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.: 2002-477/011-000</b><br>Staggered jumper; insulated; light gray | <br><b>Item No.: 2002-479/011-000</b><br>Staggered jumper; insulated; light gray        |
| <br><b>Item No.: 2002-481/011-000</b><br>Staggered jumper; 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                   |

1.2.6 Marking

1.2.6.1 Group marker carrier

|  |  |  |
|--|--|--|
| <br><b>Item No.: 2009-191</b><br>Group marker carrier; gray | <br><b>Item No.: 2009-192</b><br>Group marker carrier; gray | <br><b>Item No.: 2009-193</b><br>Group marker carrier; gray |
|--|--|--|

1.2.6.2 Marker

|  |  |  |  |
|--|--|--|--|
| <br><b>Item No.: 2009-145/000-006</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue | <br><b>Item No.: 2009-145/000-007</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray         | <br><b>Item No.: 2009-145/000-023</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green         | <br><b>Item No.: 2009-145/000-012</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange       |
| <br><b>Item No.: 2009-145/000-005</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red  | <br><b>Item No.: 2009-145/000-024</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet       | <br><b>Item No.: 2009-145</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white                 | <br><b>Item No.: 2009-145/000-002</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow       |
| <br><b>Item No.: 248-501/000-006</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue                                  | <br><b>Item No.: 248-501/000-007</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray  | <br><b>Item No.: 248-501/000-023</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green  | <br><b>Item No.: 248-501/000-017</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green                                   |
| <br><b>Item No.: 248-501/000-012</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange                                | <br><b>Item No.: 248-501/000-005</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red   | <br><b>Item No.: 248-501/000-024</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet   | <br><b>Item No.: 248-501</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white   |
| <br><b>Item No.: 248-501/000-002</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow                                | <br><b>Item No.: 793-5501/000-006</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue | <br><b>Item No.: 793-5501/000-014</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown | <br><b>Item No.: 793-5501/000-007</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray |

1.2.6.2 Marker



**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

1.2.6.3 Marker carrier



**Item No.: 2002-131**

Adaptor; gray



**Item No.: 2002-161**

Adaptor; gray



**Item No.: 2009-198**

Adaptor; gray

1.2.6.4 Marking strip



**Item No.: 2009-110**

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.2.7 Push-in type wire jumper

1.2.7.1 Jumper



**Item No.: 2009-414**

Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 110 mm long; black



**Item No.: 2009-414/000-005**

Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 110 mm long; black



**Item No.: 2009-416**

Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 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

## 1.2.8 Screwless end stop

### 1.2.8.1 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

## 1.2.9 Test and measurement

### 1.2.9.1 Testing accessories



**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 mm<sup>2</sup>; 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

## 1.2.10 Tool

### 1.2.10.1 Operating tool



**Item No.: 210-658**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured

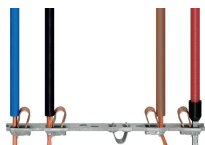


**Item No.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

## Installation Notes

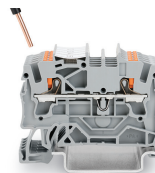
### Conductor termination



All conductor types at a glance



Push-in termination of solid and ferruled conductors



Push-in termination of solid and ferruled conductors

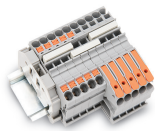


Insert fine-stranded conductors via operating tool.



Removing all conductors via operating tool.

### Commoning



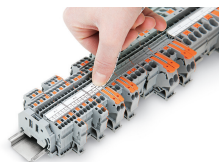
Insert a push-in type jumper bar and push down until it hits the backstop.

### Testing

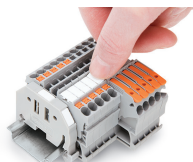


Testing with a 2 mm Ø test plug (max. 42 V).

### Marking

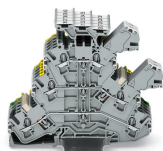


Snapping a marking strip into a marker slot.



Snapping a marking strip into the marker slot.

### Testing



L-type test plug modules fitted in a triple-deck terminal block

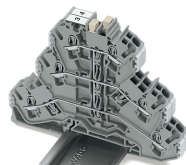


TOPJOB® S L-type test plugs for testing rail-mount terminal blocks via conductor entries

### Commoning



Created for double- and triple-deck TOPJOB® S Terminal Blocks, the vertical jumpers can common two or three levels. Clearly marked numerals ("2" and "3") distinguish the double-deck (Item No. 2002-0492) and triple-deck vertical jumpers (Item No. 2002-0493), even when inserted.



Commoning three levels via triple-deck vertical jumper (Item No. 2002-493).