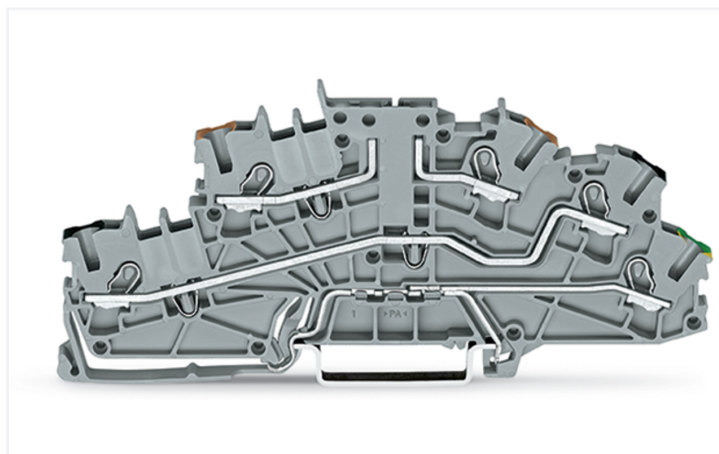
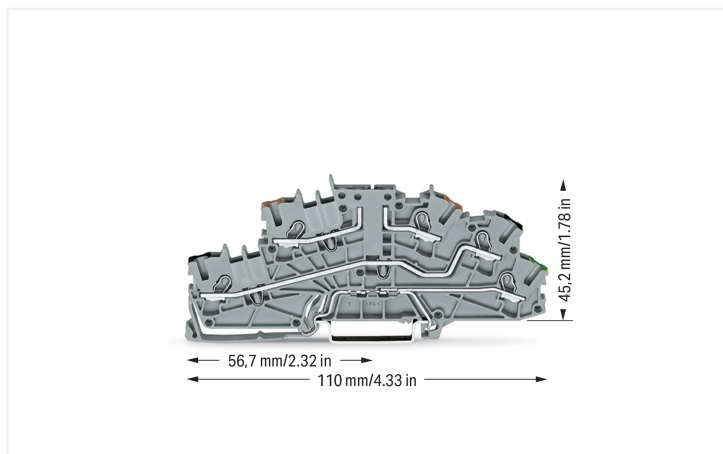


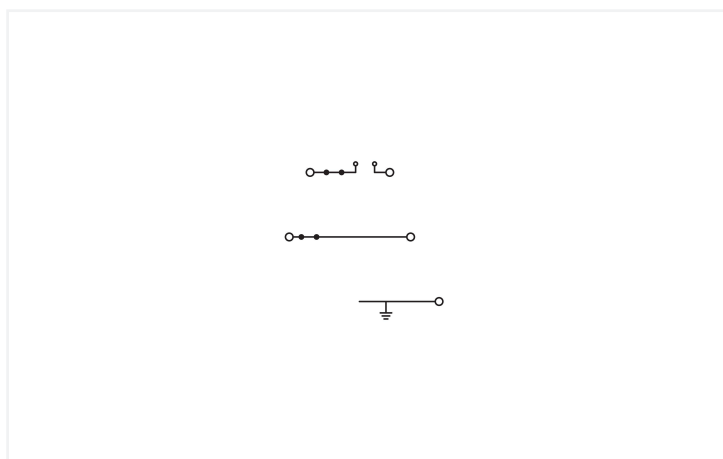
## Data Sheet | Item Number: 2003-6660

Multilevel installation terminal block; with operating slots; 2.5 mm<sup>2</sup>; Carrier terminal block without knife; P1/P2/PE; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

<https://www.wago.com/2003-6660>



Color: ■ gray



Similar to illustration

Multilevel installation terminal block, 2003 Series, gray

Connecting conductors is quick and easy with this multilevel installation terminal block (item number 2003-6660). Ensure that the strip lengths are between 10 and 12 mm when connecting conductors to this multilevel installation terminal block. This product incorporates conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. It allows direct insertion of both solid and fine-stranded conductors with ferrules without the need for tools—all thanks to its pluggable design. This multilevel installation terminal block is suitable for conductor cross sections ranging from 0.25 mm<sup>2</sup> to 4 mm<sup>2</sup>.

### Electrical data

| Ratings                         | Potential - ground |                  |                  |
|---------------------------------|--------------------|------------------|------------------|
|                                 | IEC/EN 60947-7-1   | IEC/EN 60947-7-1 | IEC/EN 60947-7-1 |
| Ratings per                     |                    |                  |                  |
| Overvoltage category            | III                | III              | II               |
| Pollution degree                | 3                  | 2                | 2                |
| Nominal voltage                 | 250 V              | -                | -                |
| Rated impulse withstand voltage | 4 kV               | -                | -                |
| Rated current                   | 20 A               | -                | -                |

| Ratings | Potential - ground  |      |   |   |
|---------|---|------|---|---|
|         | Current at conductor cross-section (max.) mm <sup>2</sup> | 25 A | - | - |
|         |   |      |   |   |

### Ratings per IEC/EN – Notes

|                      |  |
|----------------------|--|
| Rated current (note) | Maximum current depends on accessories used. |
|----------------------|--|

### Approvals per

|               | UL 1059 |       |       |
|---------------|---------|-------|-------|
| Use group     | B       | C     | D     |
| Rated voltage | 250 V   | 150 V | 250 V |
| Rated current | 6.3 A   | 6.3 A | 6.3 A |

### Power Loss

|  |         |
|--|---------|
| Power loss, per pole (potential)                 | 0.532 W |
| Rated current $I_N$ for power loss specification | 20 A    |

|  |                  |
|--|------------------|
| Resistance value for specified, current-dependent power loss | 0.00133 $\Omega$ |
|--|------------------|

### Ratings

| Ratings per  | Potential - potential |                     |                     |
|--|-----------------------|---------------------|---------------------|
|  | IEC/EN<br>60947-7-1   | IEC/EN<br>60947-7-1 | IEC/EN<br>60947-7-1 |
| Overtoltage category   | III                   | III                 | II                  |
| Pollution degree   | 3                     | 2                   | 2                   |
| Nominal voltage  | 400 V                 | -                   | -                   |
| Rated impulse withstand voltage                              | 6 kV                  | -                   | -                   |
| Rated current  | 20 A                  | -                   | -                   |
| Current at conductor cross-section (max.)<br>mm <sup>2</sup> | 25 A                  | -                   | -                   |

### Approvals per

|               | CSA 22.2 No 158 |   |       |
|---------------|-----------------|---|-------|
| Use group     | B               | C | D     |
| Rated voltage | 300 V           | - | 300 V |
| Rated current | 20 A            | - | 10 A  |

### General information

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

### Connection Data

|                            |   |
|----------------------------|---|
| Clamping units             | 5 |
| Total number of potentials | 3 |
| Number of levels           | 3 |

### Connection 1

|  |   |
|--|---|
| Connection technology                                      | Push-in CAGE CLAMP®   |
| Actuation type   | Operating tool  |
| 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                            | 110 mm / 4.331 inches |
| Depth from upper-edge of DIN-rail | 45.2 mm / 1.78 inches |

### Mechanical data

|                   |                     |
|-------------------|---------------------|
| Potential marking | P1/P2/PE            |
| 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                          | 0.277 MJ   |
| Weight                             | 20 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     | CN            |
| GTIN                  | 4055143053501 |
| Customs tariff number | 85369010000   |

### Product Classification

|             |                      |
|-------------|----------------------|
| UNSPSC      | 39121410             |
| eCl@ss 10.0 | 27-14-11-25          |
| eCl@ss 9.0  | 27-14-11-25          |
| ETIM 9.0    | EC001329             |
| ETIM 10.0   | EC001329             |
| 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      | 71-113530        |
| CCA<br>DEKRA Certification B.V.         | EN 60947      | NTR NL-7828      |
| CSA<br>DEKRA Certification B.V.         | C22.2 No. 158 | 70111102         |
| UL<br>Underwriters Laboratories<br>Inc. | UL 1059       | E45172           |

#### 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 | -        | -                |

**Downloads**

**Environmental Product Compliance**

| Compliance Search                          |   |
|--|---|
| Environmental Product Compliance 2003-6660 | ↓ |

**Documentation**

| Bid Text  |            |                  |   |
|-----------|------------|------------------|---|
| 2003-6660 | 29.04.2019 | xml<br>4.41 KB   | ↓ |
| 2003-6660 | 29.04.2019 | docx<br>15.20 KB | ↓ |

**CAD/CAE-Data**

| CAD data                  |   |
|---------------------------|---|
| 2D/3D Models<br>2003-6660 | ↓ |

| CAE data                       |   |
|--------------------------------|---|
| EPLAN Data Portal<br>2003-6660 | ↓ |
| WSCAD Universe<br>2003-6660    | ↓ |
| ZUKEN Portal 2003-6660         | ↓ |

**1 Compatible Products**

**1.1 Required Accessories**

**1.1.1 End plate**

**1.1.1.1 End plate**



**Item No.: 2003-6692**  
End and intermediate plate; 0.8 mm thick; orange



**Item No.: 2003-6693**  
End and intermediate plate; 1 mm thick; only for use with fuse plugs; orange



**Item No.: 2003-6694**  
End and intermediate plate; 1 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.: 210-197**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



**Item No.: 210-114**  
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.: 210-113**  
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; 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

### 1.2.3.3 Mounting accessories



**Item No.: 2009-304**

Busbar carrier; not suitable for use as end stop; for DIN 35 rail; 1.5 mm thick; blue



**Item No.: 2009-305**

Busbar carrier; with end stop function and detachable separator plate; for DIN 35 rail; 7.5 mm thick; blue

1.2.4 Insulation stop

1.2.4.1 Insulation stop



**Item No.: 2002-171**  
Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip; light gray



**Item No.: 2002-172**  
Insulation stop; 0.75 - 1 mm<sup>2</sup>; 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; 0.5 mm <sup>2</sup> ; 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.: 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 Plug

1.2.7.1 Fuse plug



**Item No.: 2003-911/1000-923**

Double fuse plug; for 5 x 20 mm miniature metric fuse; with indicator lamp; 230 V; 10.4 mm wide; gray

**Item No.: 2003-911**

Double fuse plug; for 5 x 20 mm miniature metric fuse; without blown fuse indication; 10.4 mm wide; gray

**Item No.: 2004-911/1000-541**

Fuse plug; with pull-tab; for 5 x 20 mm miniature metric fuse; with indicator lamp; 12 - 30 V; 6.1 mm wide; gray

**Item No.: 2004-911/1000-867**

Fuse plug; with pull-tab; for 5 x 20 mm miniature metric fuse; with indicator lamp; 120 V; 6.1 mm wide; gray



**Item No.: 2004-911/1000-836**

Fuse plug; with pull-tab; for 5 x 20 mm miniature metric fuse; with indicator lamp; 230 V; 6.1 mm wide; gray

**Item No.: 2004-911/1000-542**

Fuse plug; with pull-tab; for 5 x 20 mm miniature metric fuse; with indicator lamp; 30 - 65 V; 6.1 mm wide; gray

**Item No.: 2004-911**

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm; without blown fuse indication; 6.1 mm wide; gray

## 1.2.8 Push-in type wire jumper

### 1.2.8.1 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

## 1.2.9 Test and measurement

### 1.2.9.1 Testing accessories



**Item No.: 2003-499**

Test plug adapter N/L; for 2003-6641 and 2003-6640 Multilevel Installation Terminal Blocks; for vertical test slot; 2-pole; gray



**Item No.: 2003-500**

Test plug adapter N; for 2003-6641 and 2003-6640 Multilevel Installation Terminal Blocks; for vertical test slot; 1-pole; 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.: 210-136**

Test plug; 2 mm Ø; with 500 mm cable; red



**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

## 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



**Item No.: 2009-309**

Operating tool; Blades: 3.5 x 0.5 mm and 2.5 x 0.4 mm; for TOPJOB®S installation terminal blocks

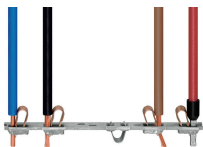


**Item No.: 2009-310**

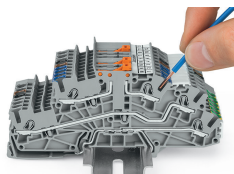
Operating tool; Blades: 3.5 x 0.5 mm and 5.5 x 0.8 mm; for TOPJOB®S installation terminal blocks; green

## Installation Notes

### Conductor termination

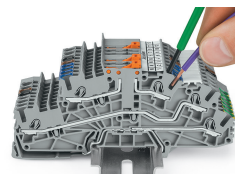


**All conductor types at a glance**



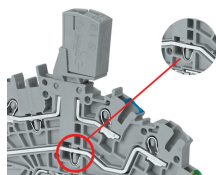
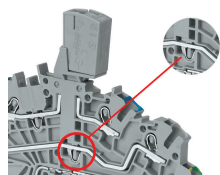
**Inserting a conductor via push-in termination.**

Solid conductors with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.



**Inserting a conductor via operating tool.**

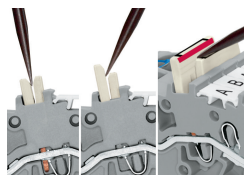
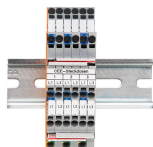
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.



Multilevel installation terminal block fitted with an N/L-test plug adapter for quick and safe insulation resistance measurement of the connected N- and L-potentials

Multilevel installation terminal block fitted with an N-test plug adapter for insulation resistance measurement of the N-potential

## Commoning



Commoning two potentials in one single jumper slot via extremely slim staggered jumpers.

**Removing a staggered jumper:**  
Insert the operating tool between the staggered jumpers, then lift up the jumper.