

**Data sheet | Item number: 2002-3248**

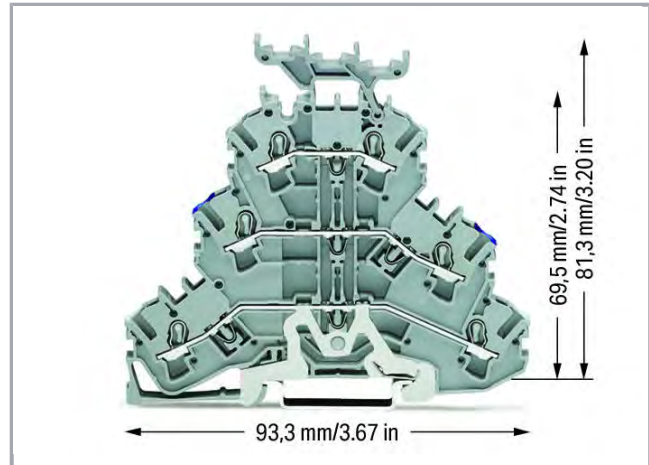
Triple-deck terminal block; Shield/through/through terminal block; Shield/N  
/L; with marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in  
CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



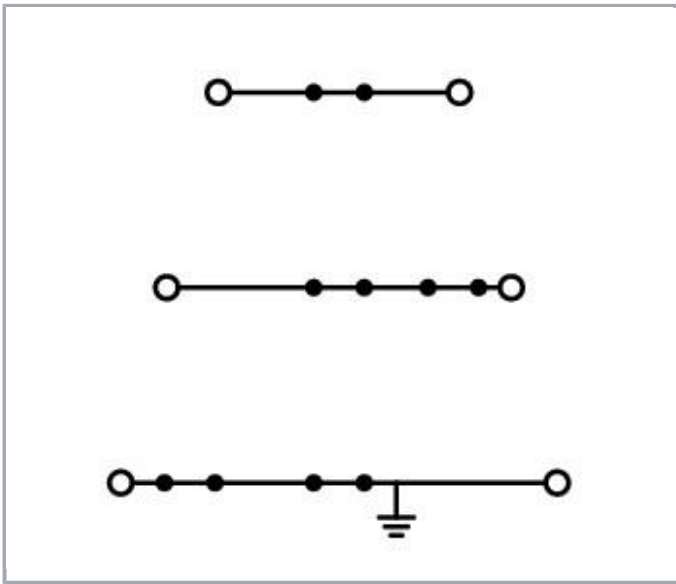
RoHS  
Compliant

BOMcheck.net

Color: ■



Subject to changes. Please also observe the further product documentation!



## Data

### Electrical data

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

| Ratings per                     | IEC/EN 60947-7-1  |
|---------------------------------|---|
| Rated voltage (III / 3)         | 500 V   |
| Rated impulse voltage (III / 3) | 6 kV  |
| Rated current                   | 24 A  |
| Rated current (2)               | 28 A  |
| Legend (ratings)                | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

#### Approvals per UL 1059

|                                |         |
|--------------------------------|---------|
| Rated voltage UL (Use Group B) | 300 V   |
| Rated current UL (Use Group B) | 20 A    |
| Rated voltage UL (Use Group C) | 300 V   |
| Rated current UL (Use Group C) | 20 A    |
| Rated voltage UL (Use Group D) | 600 V   |
| Rated current UL (Use Group D) | 5 A     |
| Approvals per                  | UL 1059 |

#### Approvals per CSA

|                                 |       |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 600 V |
|---------------------------------|-------|

Subject to changes. Please also observe the further product documentation!

|                                 |       |
|---------------------------------|-------|
| Rated current CSA (Use Group B) | 20 A  |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 20 A  |

## Connection data

|   |   |
|---|---|
| Connection technology   | Push-in CAGE CLAMP®   |
| Number of connection points (connection type)                   | 3   |
| 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  |
| Fine-stranded conductor with ferrule with plastic collar        | 1 ... 2,5 mm² / 18 ... 12 AWG   |
| Fine-stranded conductor with ferrule, push-in termination, from | 1 ... 2,5 mm² / 18 ... 12 AWG   |
| Strip length  | 10 ... 12 mm / 0.39 ... 0.47 inch   |
| Number of connection points                                     | 3   |
| Total number of connection points                               | 6   |
| Total number of potentials                                      | 3   |
| Number of levels  | 3   |
| Type of wiring  | Front-entry wiring  |
| Note (conductor cross-section)                                  | Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination. |

## Geometrical Data

|                                       |                      |
|---------------------------------------|----------------------|
| Width                                 | 5,2 mm / 0.205 inch  |
| Height from upper-edge of DIN-35 rail | 81,3 mm / 3.201 inch |
| Depth                                 | 93,3 mm / 3.673 inch |

## Mechanical data

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

Subject to changes. Please also observe the further product documentation!

## Material Data




|                     |                      |
|---------------------|----------------------|
| Color               | gray                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.326 MJ             |
| Weight              | 20.4 g               |

## Commercial data


|                    |               |
|--------------------|---------------|
| Product Group      | 22 (TOPJOB S) |
| Packaging type     | BOX           |
| Country of origin  | DE            |
| GTIN               | 4044918989657 |
| Customs Tariff No. | 85369010000   |

## Approvals / Certificates

### Country specific Approvals

| Logo   | Approval                                     | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | <b>CCA</b><br>DEKRA Certification B.V.       | EN 60947                 | NTR NL<br>7730   |
|  | <b>CSA</b><br>DEKRA Certification B.V.       | C22.2 No. 158            | 1536069          |
|  | <b>KEMA/KEUR</b><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                 | 20-<br>HG1941090-<br>PDA |
|  | <b>BV</b><br>Bureau Veritas S.A.          | EN 60947                 | 38586/A0 BV              |

Subject to changes. Please also observe the further product documentation!



|               |  |            |
|---------------|--|------------|
| <b>DNV GL</b> | -                                      | TAE00001V2 |
|               | Det Norske Veritas, Germanischer Lloyd |            |





#### UL-Approvals

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

#### Counterpart

#### Compatible products

#### Marking accessories

|  |  |
|--|--|
|  | <b>Item no.: 2002-161</b><br>Adaptor   |
|  | <b>Item no.: 2009-110</b><br>Marking strips; on reel; not stretchable; plain; snap-on type; white  |
|  | <b>Item no.: 2009-115</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white          |
|  | <b>Item no.: 2009-115/000-002</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow |

Subject to changes. Please also observe the further product documentation!



**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.: 2009-115/000-006**

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.: 2009-115/000-012**

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



**Item no.: 2009-115/000-017**

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



**Item no.: 2009-115/000-023**

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



**Item no.: 2009-115/000-024**

WMB-Inline; for Smart Printer; 1500 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.: 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.: 2009-145/000-006**

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.: 2009-145/000-012**

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

**Item no.: 2009-145/000-023**

Subject to changes. Please also observe the further product documentation!



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



**Item no.: 2009-145/000-024**

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



**Item no.: 2009-191**

Group marker carrier



**Item no.: 2009-192**

Group marker carrier



**Item no.: 2009-193**

Group marker carrier



**Item no.: 2009-198**

Adaptor



**Item no.: 248-501**

Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card



**Item no.: 248-501/000-002**

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



**Item no.: 248-501/000-005**

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



**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.: 248-501/000-012**

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



**Item no.: 248-501/000-017**

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



**Item no.: 248-501/000-023**

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



**Item no.: 248-501/000-024**

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

Subject to changes. Please also observe the further product documentation!



**Item no.: 793-501**

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



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

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



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

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



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

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



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

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



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

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



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

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



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

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



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

WMB marking card; as card; not stretchable; 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.: 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.: 793-5501/000-006**

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.: 793-5501/000-007**

Subject to changes. Please also observe the further product documentation!





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.: 793-5501/000-012**

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.: 793-5501/000-014**

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.: 793-5501/000-017**

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.: 793-5501/000-023**

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.: 793-5501/000-024**

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

#### check



**Item no.: 2002-611**

TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm<sup>2</sup>; gray



**Item no.: 2002-649**

TOPJOB®S L-type 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 mm<sup>2</sup>; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

#### Push-In type wire jumper



**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; black



**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; black



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

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; red



**Item no.: 2009-414/000-006**

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; blue

Subject to changes. Please also observe the further product documentation!



**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; black

**tools**



**Item no.: 210-658**

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



**Item no.: 210-720**

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

**Protective Warning Marker**



**Item no.: 2002-115**

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow

**Jumper**



**Item no.: 2002-400**

Adjacent jumper for continuous commoning; insulated; 2-way; Nominal current 25 A; light gray



**Item no.: 2002-402**

Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; light gray



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

Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; red



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

Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; blue



**Item no.: 2002-403**

Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; light gray



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

Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; red



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

Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; blue



**Item no.: 2002-404**

Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; light gray



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

Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; red



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

Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; blue

Subject to changes. Please also observe the further product documentation!

**Item no.: 2002-405**

Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; light gray

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

Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; red

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

Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; blue

**Item no.: 2002-405/011-000**

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

**Item no.: 2002-406**

Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; light gray

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

Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; red

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

Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; blue

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

Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block; light gray

**Item no.: 2002-407**

Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; light gray

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

Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; red

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

Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; blue

**Item no.: 2002-408**

Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; light gray

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

Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; red

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

Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; blue

Subject to changes. Please also observe the further product documentation!



**Item no.: 2002-409**

Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; light gray



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

Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; red



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

Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; blue



**Item no.: 2002-410**

Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; light gray



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

Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; red



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

Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; blue



**Item no.: 2002-423**

Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; light gray



**Item no.: 2002-423/000-005**

Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; red



**Item no.: 2002-423/000-006**

Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; blue



**Item no.: 2002-433**

Push-in type jumper bar; insulated; from 1 to 3; Nominal current 25 A; light gray



**Item no.: 2002-434**

Push-in type jumper bar; insulated; from 1 to 4; Nominal current 25 A; light gray



**Item no.: 2002-435**

Push-in type jumper bar; insulated; from 1 to 5; Nominal current 25 A; light gray



**Item no.: 2002-436**

Push-in type jumper bar; insulated; from 1 to 6; Nominal current 25 A; light gray



**Item no.: 2002-437**

Push-in type jumper bar; insulated; from 1 to 7; Nominal current 25 A; light gray



**Item no.: 2002-438**

Push-in type jumper bar; insulated; from 1 to 8; Nominal current 25 A; light gray



**Item no.: 2002-439**

Push-in type jumper bar; insulated; from 1 to 9; Nominal current 25 A; light gray

Subject to changes. Please also observe the further product documentation!



**Item no.: 2002-440**

Push-in type jumper bar; insulated; from 1 to 10; Nominal current 25 A; light gray



**Item no.: 2002-472**

Staggered jumper; insulated; 2-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray



**Item no.: 2002-473**

Staggered jumper; insulated; 3-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

**Item no.: 2002-473/011-000**

Ready-made staggered jumper; insulated; 2-way (1-3); Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray



**Item no.: 2002-474**

Staggered jumper; insulated; 4-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray



**Item no.: 2002-475**

Staggered jumper; insulated; 5-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

**Item no.: 2002-475/011-000**

Ready-made staggered jumper; insulated; 3-way (1-3-5); Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray



**Item no.: 2002-476**

Staggered jumper; insulated; 6-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray



**Item no.: 2002-477**

Staggered jumper; insulated; 7-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray



**Item no.: 2002-477/011-000**

Ready-made staggered jumper; insulated; 1-3-5-7; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray



**Item no.: 2002-478**

Staggered jumper; insulated; 8-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray



**Item no.: 2002-479**

Staggered jumper; insulated; 9-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

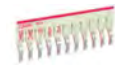
**Item no.: 2002-479/011-000**

Ready-made staggered jumper; insulated; 1-3-5-7-9; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray



**Item no.: 2002-480**

Staggered jumper; insulated; 10-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray



**Item no.: 2002-481**

Staggered jumper; insulated; 11-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Subject to changes. Please also observe the further product documentation!

**Item no.: 2002-481/011-000**

Ready-made staggered jumper; insulated; 1-3-5-7-9-11; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray



**Item no.: 2002-482**

Staggered jumper; insulated; 12-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray



**Item no.: 2002-492**

Double-deck vertical jumper; insulated; light gray



**Item no.: 2002-492/000-012**

Double-deck vertical jumper; insulated; orange



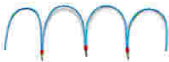
**Item no.: 2002-493**

Triple-deck vertical jumper; insulated; light gray



**Item no.: 210-103**

Wire commoning chain; insulated; 50 connections; black



**Item no.: 210-123**

Wire commoning chain; insulated; 50 connections

**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



**Item no.: 210-113**

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



**Item no.: 210-114**

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



**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



**Item no.: 210-118**

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



**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.: 210-197**

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



**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.: 210-504**

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

**Item no.: 210-505**

Subject to changes. Please also observe the further product documentation!



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



**Item no.: 210-506**

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



**Item no.: 210-508**

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

#### 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

#### 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

#### 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.: 216-243**

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.: 216-244**

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.: 216-246**

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.: 216-262**

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.: 216-263**

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.: 216-264**

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.: 216-266**

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight

Subject to changes. Please also observe the further product documentation!



crimped; acc. to DIN 46228, Part 4/09.90; blue

## Downloads

### Documentation

#### Additional Information

Technical explanations

Apr 3, 2019

## CAD/CAE-Data

### CAD data

2D/3D Models 2002-3248

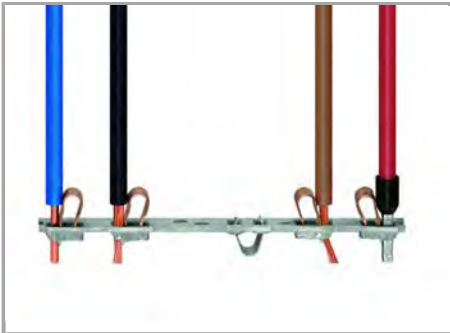
### CAE data

EPLAN Data Portal 2002-3248

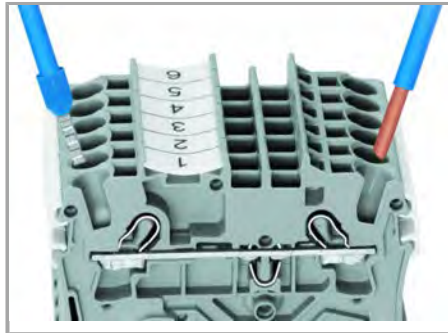
WSCAD Universe 2002-3248

## Installation Notes

### Conductor termination



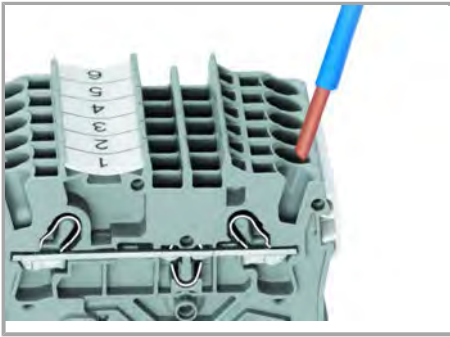
All conductor types at a glance



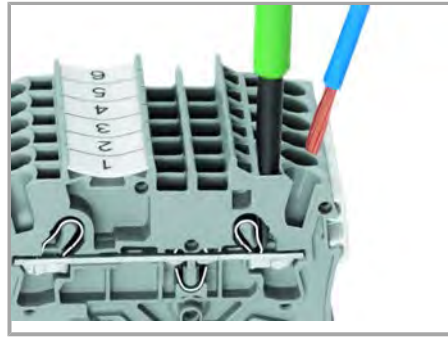
Terminating solid and ferruled conductors via push-in connection.

Subject to changes. Please also observe the further product documentation!

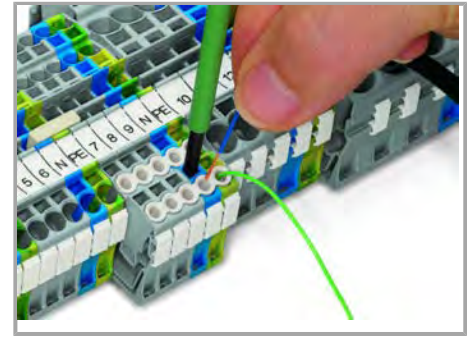




Inserting conductors via push-in termination.



Inserting a conductor via operating tool.



Conductor termination – Insulation stop.

**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.

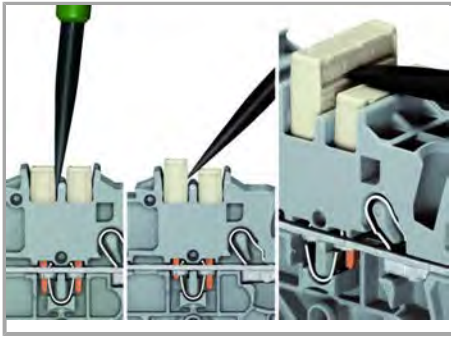
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.

#### The smart feature:

To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.

Jumpered

Subject to changes. Please also observe the further product documentation!



#### Removing a push-in type jumper bar.

Insert the operating tool between the jumper and the partition wall of the dual jumper slots, then lift up the jumper.

Place the operating tool in the center of jumpers up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.



The push-in type jumper bar system is based on the common plug and socket principle. Each terminal block is spring-loaded with a double socket and a resilient CrNi steel spring. The jumper contact material is pure electrolytic copper, which allows for an extremely small design capable of carrying the full-rated current of the terminal block. Ground terminal blocks can also be commoned using the same jumper system. Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).

#### Jumpered



Commoning three levels via triple-deck vertical jumper (2002-493).



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 (2002-492) and triple-deck vertical jumpers (2002-493), even when inserted.

#### Product family

Subject to changes. Please also observe the further product documentation!



## TOPJOB® S

TOPJOB® S: In various industrial applications and modern building installations, WAGO's wide and versatile range of rail-mount terminal blocks provides more than just reliable electrical connections.

[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!