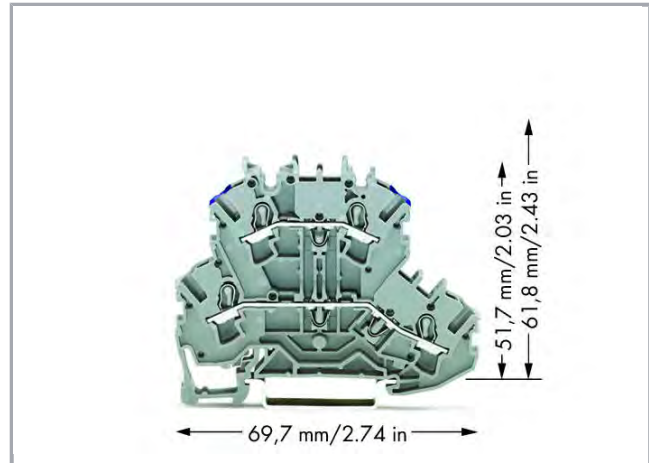
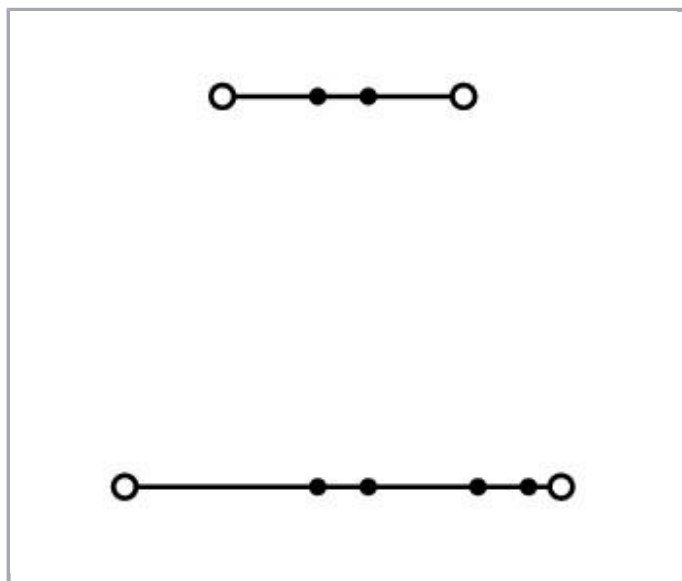


**Data sheet | Item number: 2002-2203**

Double-deck terminal block; Through/through terminal block; L/N; without marker carrier; suitable for Ex e II applications; Blue conductor entry upper deck; 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



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) $\triangleq$ 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  |

## Approvals Ex

|                                     |       |
|-------------------------------------|-------|
| Rated voltage EN (Ex e II)          | 440 V |
| Rated current (Ex e II)             | 20 A  |
| Rated current (Ex e II) with jumper | 18 A  |

## Connection data

|                                                                 |                                                                                                                                   |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Connection technology                                           | Push-in CAGE CLAMP®                                                                                                               |
| Number of connection points (connection type)                   | 2                                                                                                                                 |
| 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                                     | 2                                                                                                                                 |
| Total number of connection points                               | 4                                                                                                                                 |
| Total number of potentials                                      | 2                                                                                                                                 |
| Number of levels                                                | 2                                                                                                                                 |
| 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 | 51,7 mm / 2.035 inch |
| Depth                                 | 69,7 mm / 2.744 inch |

## Mechanical data

|        |            |
|--------|------------|
| Design | horizontal |
|--------|------------|

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

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

## Material Data

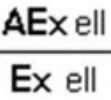
|                     |                      |
|---------------------|----------------------|
| Color               | gray                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 0.204 MJ             |
| Weight              | 10.2 g               |

## Commercial data

|                    |               |
|--------------------|---------------|
| Product Group      | 22 (TOPJOB S) |
| Packaging type     | BOX           |
| Country of origin  | DE            |
| GTIN               | 4044918691079 |
| Customs Tariff No. | 85369010000   |

## Approvals / Certificates

### Ex-Approvals

| Logo                                                                               | Approval                                            | Additional Approval Text | Certificate name                                                       |
|------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------|------------------------------------------------------------------------|
|  | AEx<br>Underwriters Laboratories Inc.               | UL 60079                 | 20190704-E185892                                                       |
|  | ATEX<br>Physikalisch Technische Bundesanstalt (PTB) | EN 60079                 | PTB 03<br>ATEX<br>1162 U (II<br>2 G/D Ex e<br>II bzw. I M<br>2 Ex e I) |
|  | IECEX<br>Physikalisch Technische Bundesanstalt      | IEC 60079                | IECEX PTB<br>03.0004U<br>(Ex eb IIC<br>Gb or Ex<br>eb I Mb)            |

### Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|------|----------|--------------------------|------------------|
|------|----------|--------------------------|------------------|

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



**CCA**  
DEKRA Certification B.V.

EN 60947

NTR NL  
7730



**CSA**  
DEKRA Certification B.V.

C22.2 No. 158

1536069



**KEMA/KEUR**  
DEKRA Certification B.V.

EN 60947

71-  
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              |
|   | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2               |
|  | <b>LR</b><br>Lloyds Register                            | EN 60947                 | 91/20112<br>(E9)         |

## UL-Approvals

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

## Counterpart

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

## Compatible products

### 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

### Protective Warning Marker



**Item no.: 2002-115**

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

### 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

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



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

**General accessories**



**Item no.: 2002-880/1000-411**

Component plug; 2-pole; with diode 1N4007; 10.4 mm wide; Operating temperature 85°C max.; gray



**Item no.: 2002-880/1000-541**

Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; gray



**Item no.: 2002-880/1000-542**

LED module; with red LED; 10.4 mm wide; 30 - 65 V; Operating temperature 85°C max.



**Item no.: 2002-880/1000-836**

Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; gray

**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

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


**Item no.: 210-505**

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

**End plate**

**Item no.: 2002-2291**

End and intermediate plate; 0.8 mm thick; gray


**Item no.: 2002-2292**

End and intermediate plate; 0.8 mm thick; orange


**Item no.: 2002-2295**

Separator plate; oversized upper deck; snap-fit type; 2 mm thick; gray


**Item no.: 2002-2296**

Separator plate; oversized upper deck; snap-fit type; 2 mm thick; orange


**Item no.: 209-192**

Separator for Ex e/Ex i applications; 3 mm thick; 125.5 mm wide; orange

**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

**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

**plug**

**Item no.: 2002-880**

Empty component plug housing; 10.4 mm wide; 2-pole; Type 4; 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

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





**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



**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

**Marking accessories**



**Item no.: 2002-121**

Adaptor



**Item no.: 2002-161**

Adaptor



**Item no.: 2009-110**

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



**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



**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

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



**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**

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

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



**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



**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

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



**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**

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**

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; violet

## 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



**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

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



**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



**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

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



**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



**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**

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

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

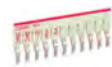
**Item no.: 2002-479/011-000**

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

**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

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





Item no.: 2002-492/000-012

Double-deck vertical jumper; insulated; orange



Item no.: 210-103

Wire commoning chain; insulated; 50 connections; black



Item no.: 210-123

Wire commoning chain; insulated; 50 connections

## Downloads

### Documentation

#### Additional Information

Technical explanations

Apr 3, 2019

## CAD/CAE-Data

### CAD data

2D/3D Models 2002-2203

### CAE data

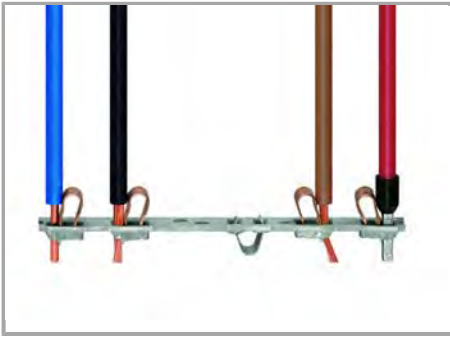
EPLAN Data Portal 2002-2203

WSCAD Universe 2002-2203

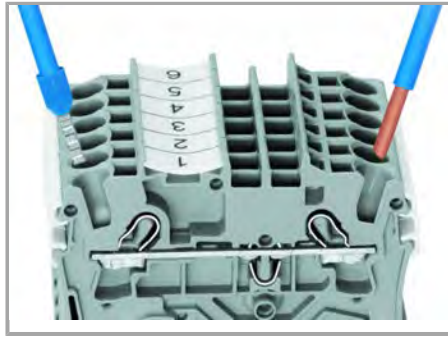
## Installation Notes

### Conductor termination

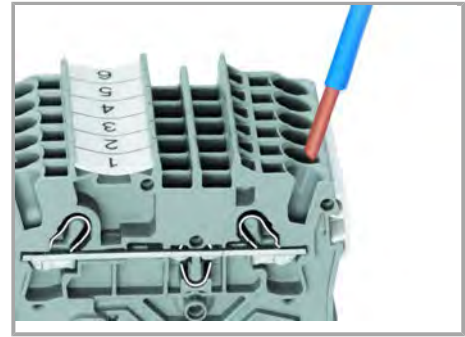
Subject to changes. Please also observe the further product documentation!



All conductor types at a glance



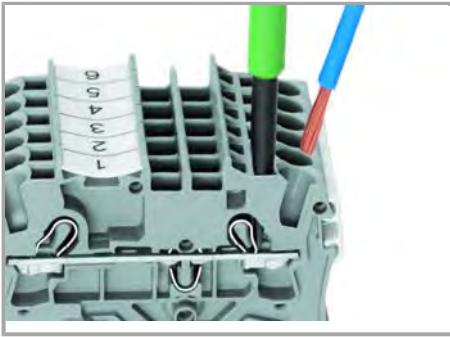
Terminating solid and ferruled conductors via push-in connection.



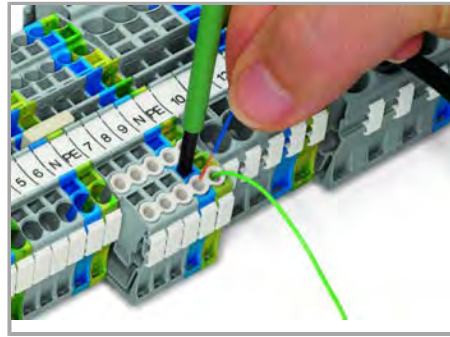
Inserting conductors via push-in termination.

**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.

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



Inserting a conductor via operating tool.



Conductor termination – Insulation stop.

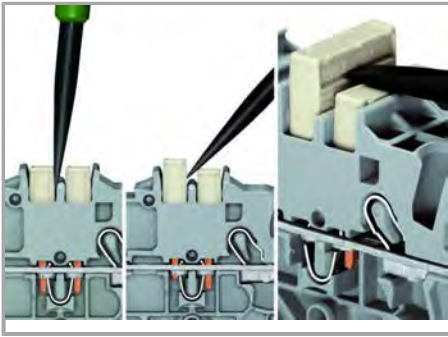
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.

#### 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.

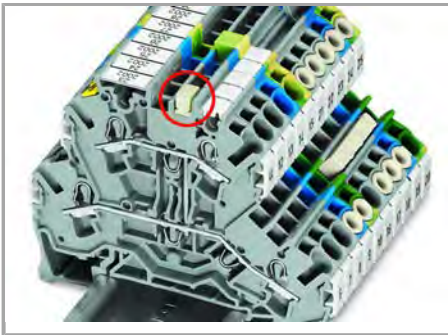
Insert the operating tool between the jumper and the partition wall of the dual jumper slots, then lift up the jumper.

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).

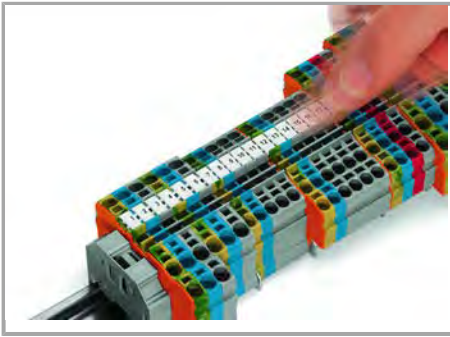
#### Commoning



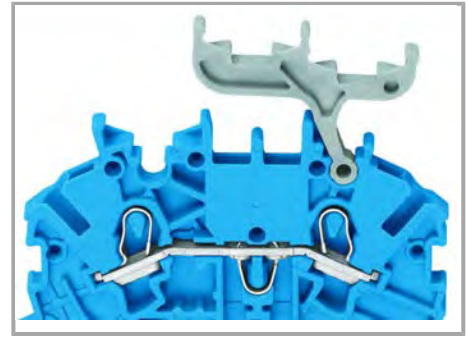
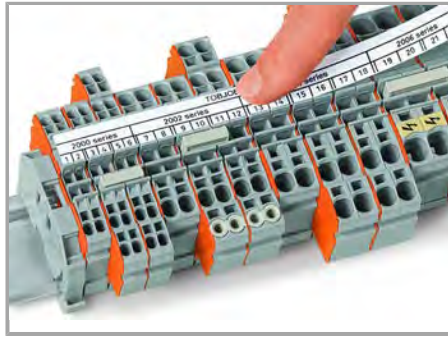
Commoning two levels via double-deck vertical jumper (2002-492).

#### Marking

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



Snapping WMB Inline markers into marker slots.



**Double-Deck Terminal Blocks** double-deck marker carrier (2002-121) can be retrofitted to double-deck terminal blocks without a marker carrier.

## Product family

### 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!