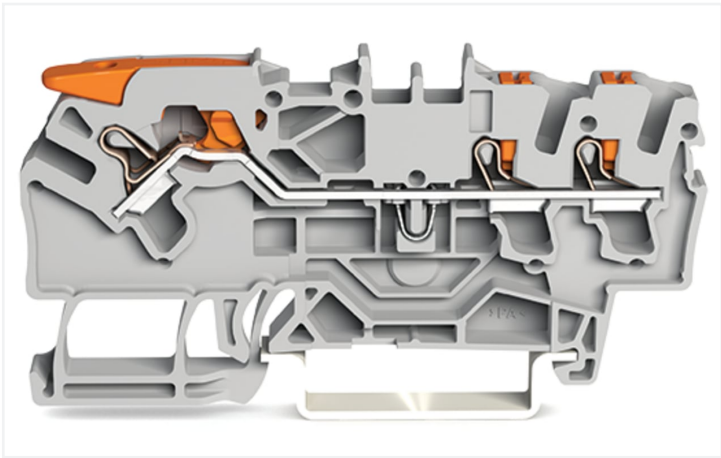


Data Sheet | Item Number: 2102-5303

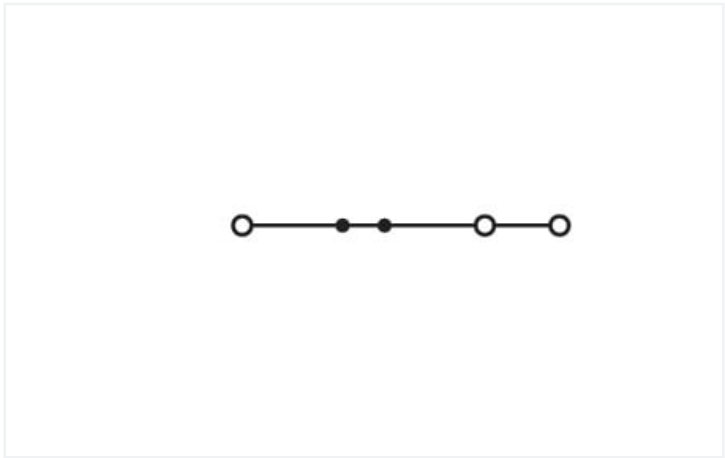
3-conductor through terminal block; with lever and push-button; 2.5 mm²; with test port; suitable for Ex i applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm²; red

<https://www.wago.com/2102-5303>



Color: ■ red

Similar to illustration



Similar to illustration

Through terminal block, 2102 Series, lever

This through terminal block (item number 2102-5303) is designed for quick and easy connections. Whether for use in industry or building installations, our rail-mount through terminal blocks make it easy to quickly and securely connect electrical conductors. They're perfect for either classic through-wiring or distributing potential, depending on the variant. Our through rail-mount terminal block is rated for 800 V and is designed to handle a rated current of up to 24 A. Strip lengths must be between 10 mm and 12 mm when connecting conductors to this through terminal block. This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, offering a key advantage: both solid and fine-stranded conductors with ferrules can be directly inserted without the need for tools or any preparation, such as crimping the ferrule. Dimensions: 5.2 x 72.2 x 39.5 mm (width x height x depth). Depending on the conductor type, this through terminal block is designed for conductor cross sections ranging from 0.25 mm² to 4 mm². It features one level and three clamping points that you can use to connect a single potential. The red housing is made of polyamide (PA66) for insulation. This through rail-mount terminal block is operated with lever, push-button. Our TOPJOB® S rail-mount terminal blocks offer more than just secure electrical connections in various industrial applications and modern building installations. They also offer the perfect actuation variant for every application: lever, push-button, or operating slot. These through rail-mount terminal blocks are mounted using DIN-35 rails.. The front-entry wiring makes it possible to connect copper conductors. The two jumper slots enable potential distribution to other clamping points. This product is designed for specific Ex applications (please refer to the product datasheet).

| Electrical data                               |  |                                                                                                     |       |    |
|-----------------------------------------------|--|-----------------------------------------------------------------------------------------------------|-------|----|
| Ratings per                                   |  | IEC/EN 60947-7-1                                                                                    |       |    |
| Overvoltage category                          |  | III                                                                                                 | III   | II |
| Pollution degree                              |  | 3                                                                                                   | 2     | 2  |
| Nominal voltage                               |  | 800 V                                                                                               | -     | -  |
| Rated surge voltage                           |  | 8 kV                                                                                                | -     | -  |
| Rated current                                 |  | 24 A                                                                                                | -     | -  |
| Current at conductor cross-section (max.) mm² |  | 32 A                                                                                                | -     | -  |
| Approvals per                                 |  | UL 1059                                                                                             |       |    |
| Use group                                     |  | B                                                                                                   | C     | D  |
| Rated voltage                                 |  | 600 V                                                                                               | 600 V | -  |
| Rated current                                 |  | 20 A                                                                                                | 20 A  | -  |
| Approvals per                                 |  | CSA 22.2 No 158                                                                                     |       |    |
| Use group                                     |  | B                                                                                                   | C     | D  |
| Rated voltage                                 |  | 600 V                                                                                               | 600 V | -  |
| Rated current                                 |  | 20 A                                                                                                | 20 A  | -  |
| Ex information                                |  | Reference hazardous areas                                                                           |       |    |
|                                               |  | See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations" |       |    |
| Ratings per                                   |  | ATEX: PTB 18 ATEX 1010 U / IECEx: PTB 18.0001U (Ex eb IIC Gb)                                       |       |    |
| Rated voltage EN (Ex e II)                    |  | 550 V                                                                                               |       |    |
| Rated current (Ex e II)                       |  | 20.5 A                                                                                              |       |    |
| Rated current (Ex e II) with jumper           |  | 20 A                                                                                                |       |    |



| Power Loss                                                   |           |
|--------------------------------------------------------------|-----------|
| Power loss, per pole (potential)                             | 0.7661 W  |
| Rated current I <sub>N</sub> for specified power loss        | 24 A      |
| Resistance value for specified, current-dependent power loss | 0.00133 Ω |

| Connection data            |   |                                                            |                                                                                                                                   |
|----------------------------|---|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Clamping units             | 3 | <b>Connection 1</b>                                        |                                                                                                                                   |
| Total number of potentials | 1 | Connection technology                                      | Push-in CAGE CLAMP®                                                                                                               |
| Number of levels           | 1 | Actuation type                                             | Lever                                                                                                                             |
| Number of jumper slots     | 2 | Connectable conductor materials                            | Copper                                                                                                                            |
|                            |   | Nominal cross-section                                      | 2.5 mm²                                                                                                                           |
|                            |   | Solid conductor                                            | 0.25 ... 4 mm² / 22 ... 12 AWG                                                                                                    |
|                            |   | Solid conductor; push-in termination                       | 0.75 ... 4 mm² / 18 ... 12 AWG                                                                                                    |
|                            |   | Fine-stranded conductor                                    | 0.25 ... 4 mm² / 22 ... 12 AWG                                                                                                    |
|                            |   | Fine-stranded conductor; with insulated ferrule            | 0.25 ... 2.5 mm² / 22 ... 14 AWG                                                                                                  |
|                            |   | Fine-stranded conductor; with ferrule; push-in termination | 1 ... 2.5 mm² / 18 ... 14 AWG                                                                                                     |
|                            |   | Note (conductor cross-section)                             | Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination. |
|                            |   | Strip length                                               | 10 ... 12 mm / 0.39 ... 0.47 inches                                                                                               |
|                            |   | Wiring direction                                           | Front-entry wiring                                                                                                                |

| Connection 2   |             |
|----------------|-------------|
| Actuation type | Push-button |

| Physical data                     |  |                        |
|-----------------------------------|--|------------------------|
| Width                             |  | 5.2 mm / 0.205 inches  |
| Height                            |  | 72.2 mm / 2.843 inches |
| Depth from upper-edge of DIN-rail |  | 32.9 mm / 1.295 inches |
| Depth                             |  | 39.5 mm / 1.555 inches |

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

| Material data                      |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | red                                                                      |
| Material group                     | I                                                                        |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Flammability class per UL94        | V0                                                                       |
| Fire load                          | 0.186 MJ                                                                 |
| Actuator color                     | orange                                                                   |
| Weight                             | 8.1 g                                                                    |



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

| Commercial data       |               |
|-----------------------|---------------|
| ETIM 9.0              | EC000897      |
| ETIM 8.0              | EC000897      |
| PU (SPU)              | 50 pcs        |
| Packaging type        | Box           |
| Country of origin     | PL            |
| GTIN                  | 4055144019117 |
| Customs tariff number | 85369010000   |

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

Approvals / Certificates

| General approvals                       |          |                  |
|-----------------------------------------|----------|------------------|
|                                         |          |                  |
| Approval                                | Standard | Certificate Name |
| CCA<br>DEKRA Certification B.V.         | EN 60947 | NTR NL 7670      |
| CSA<br>DEKRA Certification B.V.         | C22.2    | 70175030         |
| cULus<br>Underwriters Laboratories Inc. | UL 1059  | E45172           |
| KEMA/KEUR<br>DEKRA Certification B.V.   | EN 60947 | 71-102882        |

| Declarations of conformity and manufacturer's declarations |          |                  |
|------------------------------------------------------------|----------|------------------|
| Approval                                                   | Standard | Certificate Name |
| ATEX-Attestation of Conformity<br>WAGO GmbH & Co. KG       | -        | -                |
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG         | -        | -                |
| UK-Declaration of Conformity<br>WAGO GmbH & Co. KG         | -        | -                |

Approvals for marine applications

| Approval                                         | Standard  | Certificate Name |
|--------------------------------------------------|-----------|------------------|
| ABS<br>American Bureau of Shipping               | -         | 9-HG1866350-PDA  |
| BV<br>Bureau Veritas S.A.                        | IEC 60947 | 58186/A0 BV      |
| DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -         | TAE00003JT       |
| LR<br>Lloyds Register                            | -         | 19/20050         |

Approvals for hazardous areas

| Approval                                       | Standard    | Certificate Name                                               |
|------------------------------------------------|-------------|----------------------------------------------------------------|
| AEx<br>Underwriters Laboratories Inc.          | UL 60079    | 20181105-E185892 (AEx eb IIC resp. Ex eb IIC)                  |
| ATEX<br>Physikalisch Technische Bundesanstalt  | EN 60079-0  | PTB 18 ATEX 1010 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb) |
| CCC<br>CNEX                                    | GB/T 3836.3 | 2020312313000163 (Ex eb IIC Gb, Ex eb I Mb)                    |
| IECEx<br>Physikalisch Technische Bundesanstalt | IEC 60079-0 | IECEx PTB 18.0017U (Ex eb IIC Gb resp. Ex eb I Mb)             |
| INMETRO<br>TÜV Rheinland do Brasil Ltda.       | IEC 60079   | TÜV 19.0818 U                                                  |



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2102-5303

↓

Documentation

Additional Information

Technical Section

pdf

2246.92 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 2102-5303

↓

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



**Item No.: 2102-1391**  
End and intermediate plate; 0.8 mm thick; for 3-conductor terminal blocks; gray

**Item No.: 2102-1392**  
End and intermediate plate; 0.8 mm thick; for 3-conductor terminal blocks; 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 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white



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



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



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



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



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



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



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



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

1.2.3 Installation

1.2.3.1 Cover



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

1.2.3.2 Cover carrier



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

1.2.4 Insulation stop

1.2.4.1 Insulation stop



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



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



1.2.5 Jumper

1.2.5.1 Jumper

|                                                                                                                                                                                         |                                                                                                                                                                          |                                                                                                                                                                           |                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Item No.: 2002-400</b><br>Continuous jumper; 2-way; insulated; light gray                       | <br><b>Item No.: 2002-413</b><br>Continuous jumper; 3-way; insulated; light gray        | <br><b>Item No.: 2002-415</b><br>Continuous jumper; 5-way; insulated; light gray        | <br><b>Item No.: 2002-423/000-006</b><br>Continuous jumper; from 1 to 3; insulated; blue  |
| <br><b>Item No.: 2002-423</b><br>Continuous jumper; from 1 to 3; insulated; light gray                 | <br><b>Item No.: 2002-423/000-005</b><br>Continuous jumper; from 1 to 3; insulated; red | <br><b>Item No.: 2002-424/000-006</b><br>Continuous jumper; from 1 to 4; insulated; blue | <br><b>Item No.: 2002-424</b><br>Continuous jumper; from 1 to 4; insulated; light gray    |
| <br><b>Item No.: 2002-424/000-005</b><br>Continuous jumper; from 1 to 4; insulated; red                | <br><b>Item No.: 2002-406/020-000</b><br>Delta jumper; insulated; light gray            | <br><b>Item No.: 2002-410/000-006</b><br>Jumper; 10-way; insulated; blue                | <br><b>Item No.: 2002-410</b><br>Jumper; 10-way; insulated; light gray                    |
| <br><b>Item No.: 2002-410/000-005</b><br>Jumper; 10-way; insulated; red                                | <br><b>Item No.: 2002-402/000-006</b><br>Jumper; 2-way; insulated; blue                 | <br><b>Item No.: 2002-402</b><br>Jumper; 2-way; insulated; light gray                    | <br><b>Item No.: 2002-402/000-005</b><br>Jumper; 2-way; insulated; red                    |
| <br><b>Item No.: 2002-403/000-006</b><br>Jumper; 3-way; insulated; blue                                | <br><b>Item No.: 2002-403</b><br>Jumper; 3-way; insulated; light gray                   | <br><b>Item No.: 2002-403/000-005</b><br>Jumper; 3-way; insulated; red                   | <br><b>Item No.: 2002-404/000-006</b><br>Jumper; 4-way; insulated; blue                   |
| <br><b>Item No.: 2002-404</b><br>Jumper; 4-way; insulated; light gray                                  | <br><b>Item No.: 2002-404/000-005</b><br>Jumper; 4-way; insulated; red                  | <br><b>Item No.: 2002-405/000-006</b><br>Jumper; 5-way; insulated; blue                 | <br><b>Item No.: 2002-405</b><br>Jumper; 5-way; insulated; light gray                     |
| <br><b>Item No.: 2002-405/000-005</b><br>Jumper; 5-way; insulated; red                               | <br><b>Item No.: 2002-406/000-006</b><br>Jumper; 6-way; insulated; blue               | <br><b>Item No.: 2002-406</b><br>Jumper; 6-way; insulated; light gray                 | <br><b>Item No.: 2002-406/000-005</b><br>Jumper; 6-way; insulated; red                  |
| <br><b>Item No.: 2002-407/000-006</b><br>Jumper; 7-way; insulated; blue                              | <br><b>Item No.: 2002-407</b><br>Jumper; 7-way; insulated; light gray                 | <br><b>Item No.: 2002-407/000-005</b><br>Jumper; 7-way; insulated; red                | <br><b>Item No.: 2002-408/000-006</b><br>Jumper; 8-way; insulated; blue                 |
| <br><b>Item No.: 2002-408</b><br>Jumper; 8-way; insulated; light gray                                | <br><b>Item No.: 2002-408/000-005</b><br>Jumper; 8-way; insulated; red                | <br><b>Item No.: 2002-409/000-006</b><br>Jumper; 9-way; insulated; blue               | <br><b>Item No.: 2002-409</b><br>Jumper; 9-way; insulated; light gray                   |
| <br><b>Item No.: 2002-409/000-005</b><br>Jumper; 9-way; insulated; red                               | <br><b>Item No.: 2002-440</b><br>Jumper; from 1 to 10; insulated; light gray          | <br><b>Item No.: 2002-433</b><br>Jumper; from 1 to 3; insulated; light gray            | <br><b>Item No.: 2002-434</b><br>Jumper; from 1 to 4; insulated; light gray             |
| <br><b>Item No.: 2002-435</b><br>Jumper; from 1 to 5; insulated; light gray                          | <br><b>Item No.: 2002-436</b><br>Jumper; from 1 to 6; insulated; light gray           | <br><b>Item No.: 2002-437</b><br>Jumper; from 1 to 7; insulated; light gray            | <br><b>Item No.: 2002-438</b><br>Jumper; from 1 to 8; insulated; light gray             |
| <br><b>Item No.: 2002-439</b><br>Jumper; from 1 to 9; insulated; light gray                          | <br><b>Item No.: 2002-480</b><br>Staggered jumper; 10-way; insulated; light gray      | <br><b>Item No.: 2002-481</b><br>Staggered jumper; 11-way; insulated; light gray      | <br><b>Item No.: 2002-482</b><br>Staggered jumper; 12-way; insulated; light gray        |
| <br><b>Item No.: 2002-473/011-000</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         |

## 1.2.5.1 Jumper

**Item No.: 2002-478**

Staggered jumper; 8-way; insulated; light gray

**Item No.: 2002-479**

Staggered jumper; 9-way; insulated; light gray

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

Staggered jumper; insulated; light gray

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

Staggered jumper; insulated; light gray

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

Staggered jumper; insulated; light gray

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

Star point jumper; 3-way; insulated; light gray

**Item No.: 210-103**

Wire commoning chain; insulated; black

**Item No.: 210-123**

Wire commoning chain; insulated; blue

## 1.2.6 Marking

## 1.2.6.1 Group marker carrier

**Item No.: 2009-191**

Group marker carrier; gray

**Item No.: 2009-192**

Group marker carrier; gray

**Item No.: 2009-193**

Group marker carrier; gray

## 1.2.6.2 Marker

**Item No.: 2009-145/000-006**

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

**Item No.: 2009-145/000-007**

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

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

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

**Item No.: 2009-145/000-012**

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

**Item No.: 2009-145/000-005**

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

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

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

**Item No.: 2009-145**

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

**Item No.: 2009-145/000-002**

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

**Item No.: 248-501/000-006**

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

**Item No.: 248-501/000-007**

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

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

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

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

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

**Item No.: 248-501/000-012**

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

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

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

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

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

**Item No.: 248-501**

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

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

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

**Item No.: 793-5501/000-006**

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

**Item No.: 793-5501/000-007**

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

**Item No.: 793-5501/000-023**

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

**Item No.: 793-5501/000-017**

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

**Item No.: 793-5501/000-012**

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

**Item No.: 793-5501/000-005**

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

**Item No.: 793-5501/000-024**

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

**Item No.: 793-5501**

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

**Item No.: 793-5501/000-002**

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

**Item No.: 2009-115/000-006**

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

**Item No.: 2009-115/000-007**

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



1.2.6.2 Marker



**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.: 2009-115/000-024**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



**Item No.: 2009-115**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



**Item No.: 2009-115/000-002**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.2.6.3 Marker carrier



**Item No.: 2002-161**  
Adaptor; gray



**Item No.: 2009-198**  
Adaptor; gray

1.2.6.4 Marking strip



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

1.2.7 Plug

1.2.7.1 Component module with diode



**Item No.: 2002-880/1000-411**  
Component plug; 2-pole; with diode 1N4007; 10.4 mm wide; Operating temperature 85°C max.; gray

1.2.7.2 Component module with LED



**Item No.: 2002-880/1000-541**  
Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; gray



**Item No.: 2002-880/1000-836**  
Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; gray



**Item No.: 2002-880/1000-542**  
Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; multicoloured

1.2.7.3 Empty component plug housing



**Item No.: 2002-880**  
Empty component plug housing; 10.4 mm wide; 2-pole; Type 4; 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 mm²; insulated; 110 mm long; black



**Item No.: 2009-414/000-005**  
Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black



**Item No.: 2009-416**  
Push-in type wire jumper; 1.5 mm²; 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 Screwless end stop

1.2.9.1 Mounting accessories



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



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

1.2.10 Test and measurement

1.2.10.1 Testing accessories



**Item No.: 2002-560**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 2,50 mm²; gray



**Item No.: 2002-511**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 2,50 mm²; gray



**Item No.: 2002-552**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 2,50 mm²; gray



**Item No.: 2002-553**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 2,50 mm²; gray



**Item No.: 2002-554**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 2,50 mm²; gray



**Item No.: 2002-555**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 2,50 mm²; gray



**Item No.: 2002-556**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 2,50 mm²; gray



**Item No.: 2002-557**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 2,50 mm²; gray



**Item No.: 2002-558**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 2,50 mm²; gray



**Item No.: 2002-559**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 2,50 mm²; gray



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



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



**Item No.: 210-136**  
Test plug; 2 mm Ø; with 500 mm cable; red



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



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



**Item No.: 2002-611**  
TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm²; gray

1.2.11 Tool

1.2.11.1 Operating tool



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

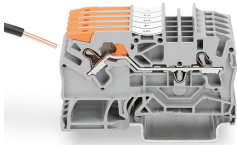
**Item No.: 210-720**  
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

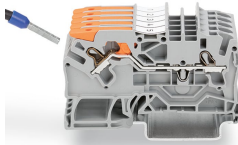
Conductor termination



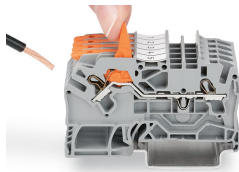
All conductor types at a glance



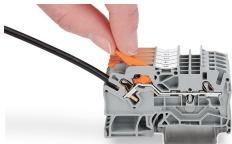
Push-in termination of solid conductors



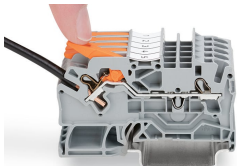
Push-in termination of fine-stranded conductors with ferrules



Pull the lever up until it stops, then connect the fine-stranded conductor.

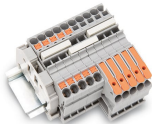


Push the lever back down – done!



Push the lever back down – done!

Commoning

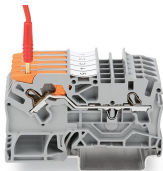


Insert a push-in type jumper bar and push down until it hits the backstop.



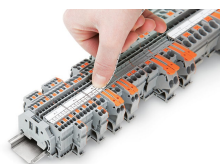
Commoning with step-down jumpers.

Testing

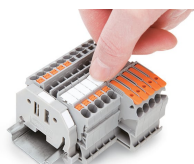


Testing with a 2 mm Ø test plug (max. 42 V).

Marking



Snapping a marking strip into a marker slot.



Snapping a marking strip into the marker slot.