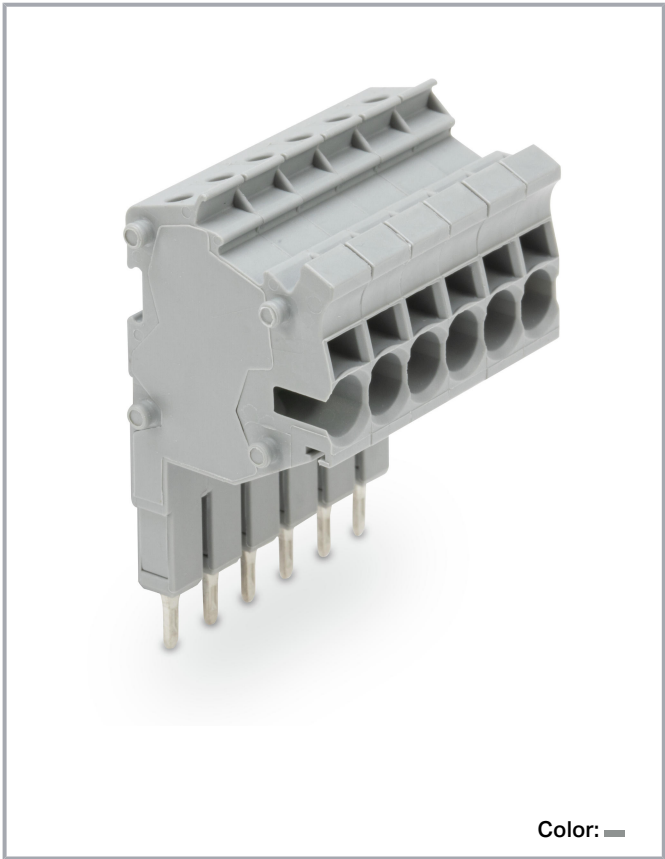




Color: —

**Data**  
**Notes**

|                      |                                                                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Safety information 1 | According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or unmated when live or under load. |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|

**Electrical data**

**Ratings per IEC/EN**

|                               |       |
|-------------------------------|-------|
| Nominal voltage (III/3)       | 500 V |
| Rated impulse voltage (III/3) | 6 kV  |

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

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|                  |                                                                   |
|------------------|-------------------------------------------------------------------|
| Rated current    | 24 A                                                              |
| Legend (ratings) | (III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3 |

## Connection data

|                                   |   |
|-----------------------------------|---|
| Total number of connection points | 6 |
| Total number of potentials        | 6 |

## Connection 1

|                                                            |                                                                                                                                   |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Connection technology                                      | Push-in CAGE CLAMP®                                                                                                               |
| Actuation type                                             | Operating tool                                                                                                                    |
| 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 inch                                                                                                 |
| Pole number                                                | 6                                                                                                                                 |
| Wiring direction                                           | Side-entry wiring                                                                                                                 |

## Physical data

|              |                      |
|--------------|----------------------|
| Width        | 31.2 mm / 1.228 inch |
| Module width | 5.2 mm / 0.205 inch  |

## Mechanical data

|               |                     |
|---------------|---------------------|
| Marking level | Center/side marking |
|---------------|---------------------|

## Material data

|                      |                                                |
|----------------------|------------------------------------------------|
| Note (material data) | Information on material data can be found here |
| Color                | gray                                           |
| Insulation material  | Polyamide (PA66)                               |
| Fire load            | 0.306 MJ                                       |
| Weight               | 16.7 g                                         |

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

## Commercial data

|                                     |               |
|-------------------------------------|---------------|
| Product Group                       | 22 (TOPJOB S) |
| PU (SPU)                            | 10 Stück      |
| Packaging type                      | box           |
| Country of origin VKOrg Germany     | DE            |
| GTIN                                | 4045454178376 |
| Customs tariff number VKOrg Germany | 85366990990   |

## Approvals / Certificates

### Country specific Approvals

| Logo                                                                             | Approval                        | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|---------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | EN 61984                 | NTR NL-7450      |
|  | CCA<br>DEKRA Certification B.V. | EN 61984                 | 2185079.01       |

### Ship Approvals

| Logo                                                                                | Approval                                         | Additional Approval Text | Certificate name |
|-------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------|------------------|
|  | BV<br>Bureau Veritas S.A.                        | EN 60947                 | 38586/A0 BV      |
|                                                                                     | DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2       |

## Optional accessories

### Testing and measuring

|                                                                                    |                                                                |                                                                |  |
|------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|--|
| Testing accessories                                                                |                                                                |                                                                |  |
|  | Item no.: 210-136<br>Test plug; 2 mm Ø; with 500 mm cable; red | <a href="http://www.wago.com/210-136">www.wago.com/210-136</a> |  |

### Marking accessories

|               |
|---------------|
| Marking strip |
|---------------|

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

**Item no.: 2009-110**

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

[www.wago.com/2009-110](http://www.wago.com/2009-110)

## Marker

**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

[www.wago.com/2009-115/000-002](http://www.wago.com/2009-115/000-002)**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

[www.wago.com/2009-115/000-007](http://www.wago.com/2009-115/000-007)**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

[www.wago.com/2009-115/000-017](http://www.wago.com/2009-115/000-017)**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

[www.wago.com/2009-115/000-023](http://www.wago.com/2009-115/000-023)**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

[www.wago.com/2009-115/000-024](http://www.wago.com/2009-115/000-024)**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

[www.wago.com/2009-145/000-006](http://www.wago.com/2009-145/000-006)**Item no.: 2009-145**

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

[www.wago.com/2009-145](http://www.wago.com/2009-145)**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

[www.wago.com/2009-145/000-002](http://www.wago.com/2009-145/000-002)**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

[www.wago.com/2009-145/000-007](http://www.wago.com/2009-145/000-007)**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

[www.wago.com/2009-145/000-005](http://www.wago.com/2009-145/000-005)**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

[www.wago.com/2009-145/000-012](http://www.wago.com/2009-145/000-012)**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

[www.wago.com/2009-145/000-023](http://www.wago.com/2009-145/000-023)**Item no.: 2009-145/000-024**

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

[www.wago.com/2009-145/000-024](http://www.wago.com/2009-145/000-024)

**Item no.: 2009-115**

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

[www.wago.com/2009-115](http://www.wago.com/2009-115)



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

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

[www.wago.com/248-501/000-006](http://www.wago.com/248-501/000-006)



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

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

[www.wago.com/248-501/000-007](http://www.wago.com/248-501/000-007)



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

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

[www.wago.com/248-501/000-002](http://www.wago.com/248-501/000-002)



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

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

[www.wago.com/248-501/000-012](http://www.wago.com/248-501/000-012)



**Item no.: 248-501**

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

[www.wago.com/248-501](http://www.wago.com/248-501)



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

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

[www.wago.com/248-501/000-017](http://www.wago.com/248-501/000-017)



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

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

[www.wago.com/248-501/000-005](http://www.wago.com/248-501/000-005)



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

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

[www.wago.com/248-501/000-024](http://www.wago.com/248-501/000-024)



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

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

[www.wago.com/248-501/000-023](http://www.wago.com/248-501/000-023)

**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

[www.wago.com/793-5501/000-007](http://www.wago.com/793-5501/000-007)

**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

[www.wago.com/793-5501/000-012](http://www.wago.com/793-5501/000-012)

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

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|                                                                                                                                                                                       |                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>Item no.: 793-5501/000-014</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown                              | <a href="http://www.wago.com/793-5501/000-014">www.wago.com/793-5501/000-014</a> |
| <b>Item no.: 793-5501/000-017</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green                              | <a href="http://www.wago.com/793-5501/000-017">www.wago.com/793-5501/000-017</a> |
| <b>Item no.: 793-5501/000-023</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green                        | <a href="http://www.wago.com/793-5501/000-023">www.wago.com/793-5501/000-023</a> |
| <b>Item no.: 793-5501/000-024</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet                             | <a href="http://www.wago.com/793-5501/000-024">www.wago.com/793-5501/000-024</a> |
| <b>Item no.: 793-501/000-002</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; yellow                                                                           | <a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a>   |
| <b>Item no.: 793-501/000-007</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; gray                                                                             | <a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a>   |
| <b>Item no.: 793-501/000-017</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; light green                                                                      | <a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a>   |
| <b>Item no.: 793-501/000-012</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; orange                                                                           | <a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a>   |
| <b>Item no.: 793-501/000-023</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; green                                                                            | <a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a>   |
| <b>Item no.: 793-501/000-006</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; blue                                                                             | <a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a>   |
| <b>Item no.: 793-501/000-005</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; red                                                                              | <a href="http://www.wago.com/793-501/000-005">www.wago.com/793-501/000-005</a>   |
|  <b>Item no.: 793-501</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; white | <a href="http://www.wago.com/793-501">www.wago.com/793-501</a>                   |
| <b>Item no.: 793-501/000-024</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; violet                                                                           | <a href="http://www.wago.com/793-501/000-024">www.wago.com/793-501/000-024</a>   |

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

**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 [www.wago.com/793-5501/000-005](http://www.wago.com/793-5501/000-005)**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 [www.wago.com/793-5501/000-002](http://www.wago.com/793-5501/000-002)**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 [www.wago.com/793-5501/000-006](http://www.wago.com/793-5501/000-006)**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 [www.wago.com/793-5501](http://www.wago.com/793-5501)**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 [www.wago.com/2009-115/000-012](http://www.wago.com/2009-115/000-012)**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 [www.wago.com/2009-115/000-006](http://www.wago.com/2009-115/000-006)**Insulation stop**

## Insulation stop

**Item no.: 2002-171**Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip; light gray [www.wago.com/2002-171](http://www.wago.com/2002-171)**Item no.: 2002-172**Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip; dark gray [www.wago.com/2002-172](http://www.wago.com/2002-172)**Ferrule**

## 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 [www.wago.com/216-241](http://www.wago.com/216-241)**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 [www.wago.com/216-242](http://www.wago.com/216-242)**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 [www.wago.com/216-243](http://www.wago.com/216-243)**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 [www.wago.com/216-244](http://www.wago.com/216-244)**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 [www.wago.com/216-263](http://www.wago.com/216-263)**Item no.: 216-246**Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight [www.wago.com/216-246](http://www.wago.com/216-246)

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

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

**Item no.: 216-266**

Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

[www.wago.com/216-266](http://www.wago.com/216-266)

**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

[www.wago.com/216-264](http://www.wago.com/216-264)

**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

[www.wago.com/216-262](http://www.wago.com/216-262)

**Tool**

Operating tool

**Item no.: 210-720**

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

[www.wago.com/210-720](http://www.wago.com/210-720)

**Strain relief**

Strain relief plate

**Item no.: 734-329**

Strain relief plate; gray

[www.wago.com/734-329](http://www.wago.com/734-329)

**Downloads****Documentation****Bid Text**

|              |              |         |          |
|--------------|--------------|---------|----------|
| 2002-556     | Apr 29, 2019 | docx    | Download |
| docx - Datei |              | 15.5 kB |          |

|             |              |        |          |
|-------------|--------------|--------|----------|
| 2002-556    | Apr 29, 2019 | xml    | Download |
| X81 - Datei |              | 3.7 kB |          |

**Additional Information**

|                        |        |          |
|------------------------|--------|----------|
| Technical Section      | pdf    | Download |
| Technical explanations | 2.2 MB |          |

**CAD/CAE-Data****CAE data**

|                         |     |          |
|-------------------------|-----|----------|
| WSCAD Universe 2002-556 | URL | Download |
|-------------------------|-----|----------|

|                       |     |          |
|-----------------------|-----|----------|
| ZUKEN Portal 2002-556 | URL | Download |
|-----------------------|-----|----------|

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

## CAD data

2D/3D Models 2002-556

[URL](#)

[Download](#)

## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2002-556

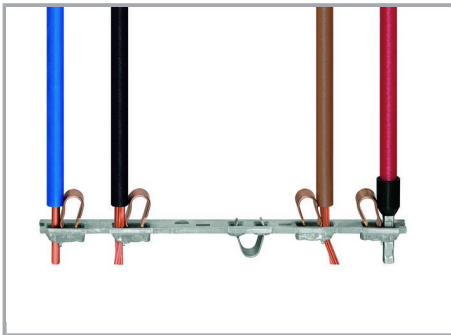
[URL](#)

[Download](#)

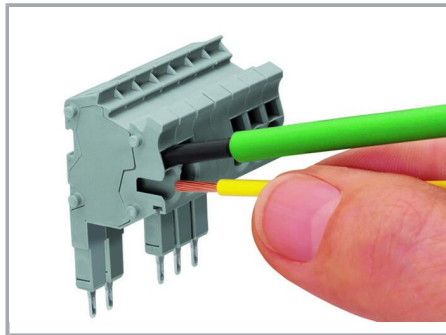
Modular TOPJOB® S connector; modular; for jumper contact slot; 6-pole; 2,50 mm<sup>2</sup>; gray

## Installation Notes

### Conductor termination

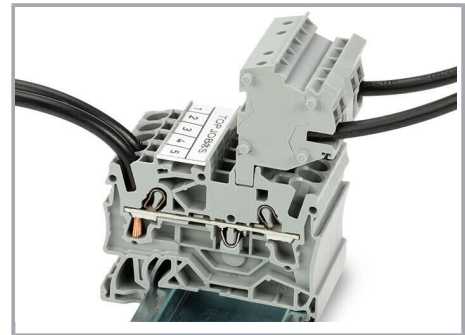


All conductor types at a glance



Conductor termination via:

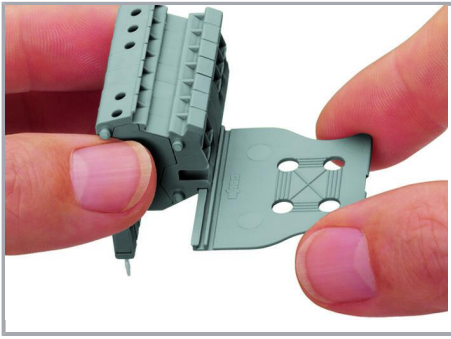
- Operating tool for fine-stranded conductors without ferrules
- Push-in connection of solid conductors



The modular TOPJOB® S connectors also connect conductors of the same size as the terminal blocks being used.

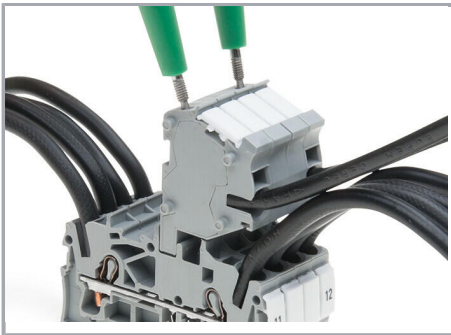
### Strain relief

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



Snapping on a strain relief plate.

### Testing



TOPJOB® S Connectors with a 2 mm Ø test socket for testing voltage via 2-pole voltage tester

### 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!