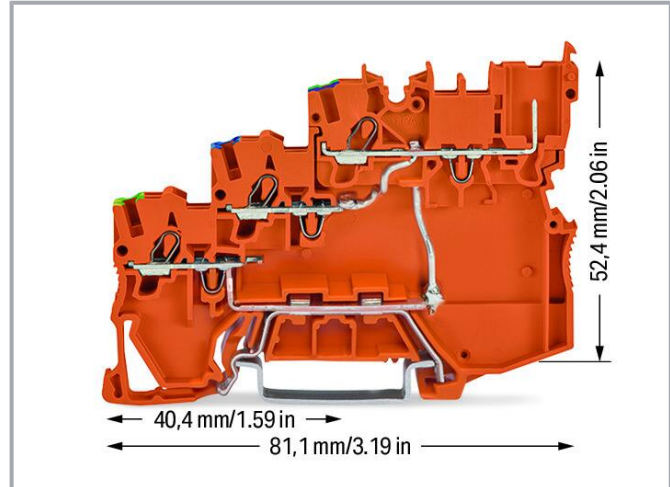


Data sheet | Item number: 2020-5377/102-000

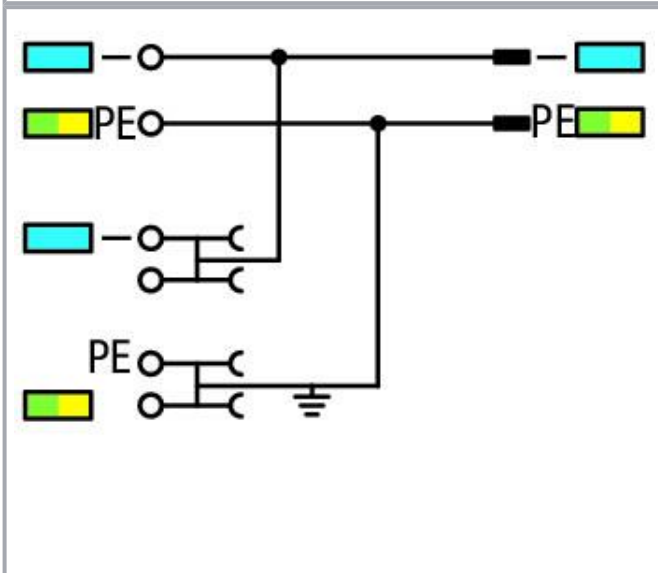
3-conductor sensor/actuator terminal block; for PNP-(high-side) switching actuators; with ground contact; 1 mm<sup>2</sup>; Push-in CAGE CLAMP®; 1,00 mm<sup>2</sup>; orange



[www.wago.com/2020-5377/102-000](http://www.wago.com/2020-5377/102-000)



Color: 



### Item description

3.5 mm spacing per signal (2 x 3.5 mm = 7 mm)

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

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



The double spacing per pole of this terminal block series maximizes connectivity. For example, ten sensors may be connected using only five sensor terminal blocks plus a power supply terminal block.

## Data

### Notes

|      |   |
|------|---|
| Note | According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load. An appropriate end plate must be applied to the carrier terminal blocks after each female plug. |
|------|---|

## Electrical data

### Ratings per IEC/EN

|                         |   |
|-------------------------|---|
| Ratings per             | IEC/EN 60947-7-1  |
| Nominal voltage (III/3) | 250 V   |
| Rated current           | 13.5 A  |
| Legend (ratings)        | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

### Ratings per UL 1059

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 1059 |
| Rated voltage UL (Use Group B) | 300 V   |
| Rated current UL (Use Group B) | 15 A    |
| Rated voltage UL (Use Group D) | 300 V   |
| Rated current UL (Use Group D) | 15 A    |

### Ratings per CSA

|                                 |                 |
|---------------------------------|-----------------|
| Approvals per                   | CSA 22.2 No 158 |
| Rated voltage CSA (Use Group C) | 300 V           |
| Rated current CSA (Use Group C) | 10 A            |

## Power loss

|  |                |
|--|----------------|
| Power loss, per pole (potential)                             | 0.434 W        |
| Rated current $I_N$ for specified power loss                 | 13.5 A         |
| Resistance value for specified, current-dependent power loss | 0.002 $\Omega$ |

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



## Connection data

|                              |   |
|------------------------------|---|
| Connection points            | 6 |
| Female plug slots            | 2 |
| Total number of potentials   | 4 |
| Number of levels             | 3 |
| Number of jumper slots       | 3 |
| Anzahl Brückeraufnahmen Rang | 2 |

## Connection 1

|  |   |
|--|---|
| Connection technology                                      | Push-in CAGE CLAMP®   |
| Actuation type   | Operating tool  |
| Connectable conductor materials                            | Copper<br>Copper  |
| Nominal cross-section                                      | 1 mm <sup>2</sup>   |
| Solid conductor  | 0.14 ... 1.5 mm <sup>2</sup> / 24 ... 16 AWG  |
| Solid conductor; push-in termination                       | 0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG   |
| Fine-stranded conductor                                    | 0.14 ... 1.5 mm <sup>2</sup> / 24 ... 16 AWG  |
| Fine-stranded conductor; with insulated ferrule            | 0.14 ... 0.75 mm <sup>2</sup> / 24 ... 18 AWG   |
| Fine-stranded conductor; with ferrule; push-in termination | 0.5 ... 0.75 mm <sup>2</sup> / 20 ... 18 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   | 9 ... 11 mm / 0.35 ... 0.43 inches  |
| Wiring direction   | Front-entry wiring  |

## Physical data

|                                   |                        |
|-----------------------------------|------------------------|
| Width                             | 7 mm / 0.276 inches    |
| Height                            | 81.1 mm / 3.193 inches |
| Depth from upper-edge of DIN-rail | 52.4 mm / 2.063 inches |

## Mechanical Data

|               |                            |
|---------------|----------------------------|
| Mounting type | DIN-35 rail<br>DIN-35 rail |
| Marking level | Center/side marking        |

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



## Material Data

Note (material data)

Information on material specifications can be found here

|                             |                  |
|-----------------------------|------------------|
| Color                       | orange           |
| Material group              | I                |
| Insulation material         | Polyamide (PA66) |
| Flammability class per UL94 | V0               |
| Fire load                   | 0.273 MJ         |
| Weight                      | 18.3 g           |

## Environmental requirements

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

## Commercial data


|                       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-14-11-28   |
| eCl@ss 9.0            | 27-14-11-28   |
| ETIM 8.0              | EC000900      |
| ETIM 7.0              | EC000900      |
| PU (SPU)              | 15 pcs        |
| Packaging type        | Box           |
| Country of origin     | DE            |
| GTIN                  | 4055143523844 |
| Customs tariff number | 85369010000   |

## Environmental Product Compliance




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

## Approvals / Certificates



### General approvals

| Logo   | Approval                        | Additional Approval Text | Certificate name |
|--|---------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V. | EN 60947                 | NTR NL<br>7617   |



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

|  |                                       |          |               |
|--|---------------------------------------|----------|---------------|
|  | CSA<br>DEKRA Certification B.V.       | C22.2    | 2516073       |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947 | 71-<br>100670 |
|  | UL<br>UL International Germany GmbH   | UL 1059  | E 45172       |

Declarations of conformity and manufacturer's declarations


| Logo  | Approval   | Additional Approval Text | Certificate name |
|---|--|--------------------------|------------------|
|   | EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | -                        | -                |
|  | UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | -                        | -                |

Counterpart

|   |   |  |
|---|---|--|
|  | Item no.2020-102<br>1-conductor female connector; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 1,50 mm²;<br>gray | <a href="http://www.wago.com/2020-102">www.wago.com/2020-102</a> |
|  | Item no.2020-202<br>2-conductor female connector; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 1,50 mm²;<br>gray | <a href="http://www.wago.com/2020-202">www.wago.com/2020-202</a> |

Required accessories

End plate

|  |  |  |
|--|--|--|
|  | Item no.: 2020-5391<br>End and intermediate plate; 1 mm thick; for 3-conductor terminal blocks; gray | <a href="http://www.wago.com/2020-5391">www.wago.com/2020-5391</a> |
|--|--|--|

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

## Optional accessories

### Mounting

#### Cover carrier



**Item no.: 709-169**  
Cover carrier; Type 3; gray

[www.wago.com/709-169](http://www.wago.com/709-169)

#### Cover



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

[www.wago.com/709-156](http://www.wago.com/709-156)

### Tool

#### Operating tool



**Item no.: 210-648**  
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short

[www.wago.com/210-648](http://www.wago.com/210-648)



**Item no.: 210-647**  
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

[www.wago.com/210-647](http://www.wago.com/210-647)



**Item no.: 210-719**  
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

[www.wago.com/210-719](http://www.wago.com/210-719)

### Jumpers

#### Jumper



**Item no.: 210-123**  
Wire commoning chain; insulated; blue

[www.wago.com/210-123](http://www.wago.com/210-123)



**Item no.: 2000-408**  
Jumper; 8-way; insulated; light gray

[www.wago.com/2000-408](http://www.wago.com/2000-408)



**Item no.: 2000-407**  
Jumper; 7-way; insulated; light gray

[www.wago.com/2000-407](http://www.wago.com/2000-407)



**Item no.: 2000-409**  
Jumper; 9-way; insulated; light gray

[www.wago.com/2000-409](http://www.wago.com/2000-409)



**Item no.: 2000-408/000-006**  
Jumper; 8-way; insulated; blue

[www.wago.com/2000-408/000-006](http://www.wago.com/2000-408/000-006)



**Item no.: 2000-408/000-005**  
Jumper; 8-way; insulated; red

[www.wago.com/2000-408/000-005](http://www.wago.com/2000-408/000-005)

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












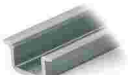



|  |   |  |
|--|---|--|
|    | <b>Item no.: 2000-409/000-005</b><br>Jumper; 9-way; insulated; red        | <a href="http://www.wago.com/2000-409/000-005">www.wago.com/2000-409/000-005</a> |
|    | <b>Item no.: 2000-407/000-006</b><br>Jumper; 7-way; insulated; blue       | <a href="http://www.wago.com/2000-407/000-006">www.wago.com/2000-407/000-006</a> |
|     | <b>Item no.: 2000-410</b><br>Jumper; 10-way; insulated; light gray        | <a href="http://www.wago.com/2000-410">www.wago.com/2000-410</a>                 |
|    | <b>Item no.: 2000-410/000-006</b><br>Jumper; 10-way; insulated; blue      | <a href="http://www.wago.com/2000-410/000-006">www.wago.com/2000-410/000-006</a> |
|     | <b>Item no.: 2000-433/000-005</b><br>Jumper; from 1 to 3; insulated; red  | <a href="http://www.wago.com/2000-433/000-005">www.wago.com/2000-433/000-005</a> |
|    | <b>Item no.: 2000-407/000-005</b><br>Jumper; 7-way; insulated; red        | <a href="http://www.wago.com/2000-407/000-005">www.wago.com/2000-407/000-005</a> |
|     | <b>Item no.: 2000-433/000-006</b><br>Jumper; from 1 to 3; insulated; blue | <a href="http://www.wago.com/2000-433/000-006">www.wago.com/2000-433/000-006</a> |
|  | <b>Item no.: 2000-410/000-005</b><br>Jumper; 10-way; insulated; red       | <a href="http://www.wago.com/2000-410/000-005">www.wago.com/2000-410/000-005</a> |
|   | <b>Item no.: 2000-435</b><br>Jumper; from 1 to 5; insulated; light gray   | <a href="http://www.wago.com/2000-435">www.wago.com/2000-435</a>                 |
|  | <b>Item no.: 2000-409/000-006</b><br>Jumper; 9-way; insulated; blue       | <a href="http://www.wago.com/2000-409/000-006">www.wago.com/2000-409/000-006</a> |
|   | <b>Item no.: 2000-436</b><br>Jumper; from 1 to 6; insulated; light gray   | <a href="http://www.wago.com/2000-436">www.wago.com/2000-436</a>                 |
|   | <b>Item no.: 2000-433</b><br>Jumper; from 1 to 3; insulated; light gray   | <a href="http://www.wago.com/2000-433">www.wago.com/2000-433</a>                 |
|   | <b>Item no.: 2000-434</b><br>Jumper; from 1 to 4; insulated; light gray   | <a href="http://www.wago.com/2000-434">www.wago.com/2000-434</a>                 |
|   | <b>Item no.: 2000-402</b><br>Jumper; 2-way; insulated; light gray         | <a href="http://www.wago.com/2000-402">www.wago.com/2000-402</a>                 |
|   |   |  |

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

|  |   |   |
|--|---|---|
|  | <p><b>Item no.: 2000-402/000-006</b><br/>                 Jumper; 2-way; insulated; blue</p>                  | <p><a href="http://www.wago.com/2000-402/000-006">www.wago.com/2000-402/000-006</a></p> |
|    | <p><b>Item no.: 2000-403</b><br/>                 Jumper; 3-way; insulated; light gray</p>                    | <p><a href="http://www.wago.com/2000-403">www.wago.com/2000-403</a></p>                 |
|    | <p><b>Item no.: 2000-402/000-005</b><br/>                 Jumper; 2-way; insulated; red</p>                   | <p><a href="http://www.wago.com/2000-402/000-005">www.wago.com/2000-402/000-005</a></p> |
|    | <p><b>Item no.: 2000-402/000-018</b><br/>                 Jumper; 2-way; insulated; yellow-green</p>          | <p><a href="http://www.wago.com/2000-402/000-018">www.wago.com/2000-402/000-018</a></p> |
|    | <p><b>Item no.: 2000-404</b><br/>                 Jumper; 4-way; insulated; light gray</p>                    | <p><a href="http://www.wago.com/2000-404">www.wago.com/2000-404</a></p>                 |
|    | <p><b>Item no.: 2000-403/000-005</b><br/>                 Jumper; 3-way; insulated; red</p>                   | <p><a href="http://www.wago.com/2000-403/000-005">www.wago.com/2000-403/000-005</a></p> |
|    | <p><b>Item no.: 2000-404/000-006</b><br/>                 Jumper; 4-way; insulated; blue</p>                  | <p><a href="http://www.wago.com/2000-404/000-006">www.wago.com/2000-404/000-006</a></p> |
|   | <p><b>Item no.: 2000-403/000-006</b><br/>                 Jumper; 3-way; insulated; blue</p>                  | <p><a href="http://www.wago.com/2000-403/000-006">www.wago.com/2000-403/000-006</a></p> |
|  | <p><b>Item no.: 2000-404/000-005</b><br/>                 Jumper; 4-way; insulated; red</p>                   | <p><a href="http://www.wago.com/2000-404/000-005">www.wago.com/2000-404/000-005</a></p> |
|  | <p><b>Item no.: 2000-405</b><br/>                 Jumper; 5-way; insulated; light gray</p>                    | <p><a href="http://www.wago.com/2000-405">www.wago.com/2000-405</a></p>                 |
|  | <p><b>Item no.: 2000-405/011-000</b><br/>                 Star point jumper; 3-way; insulated; light gray</p> | <p><a href="http://www.wago.com/2000-405/011-000">www.wago.com/2000-405/011-000</a></p> |
|  | <p><b>Item no.: 2000-405/000-006</b><br/>                 Jumper; 5-way; insulated; blue</p>                  | <p><a href="http://www.wago.com/2000-405/000-006">www.wago.com/2000-405/000-006</a></p> |
|  | <p><b>Item no.: 2000-406/000-006</b><br/>                 Jumper; 6-way; insulated; blue</p>                  | <p><a href="http://www.wago.com/2000-406/000-006">www.wago.com/2000-406/000-006</a></p> |
|  | <p><b>Item no.: 2000-405/000-005</b><br/>                 Jumper; 5-way; insulated; red</p>                   | <p><a href="http://www.wago.com/2000-405/000-005">www.wago.com/2000-405/000-005</a></p> |

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



|  |  |  |
|--|--|--|
|     | <b>Item no.: 2000-406</b><br>Jumper; 6-way; insulated; light gray  | <a href="http://www.wago.com/2000-406">www.wago.com/2000-406</a>                 |
|    | <b>Item no.: 2000-406/000-005</b><br>Jumper; 6-way; insulated; red   | <a href="http://www.wago.com/2000-406/000-005">www.wago.com/2000-406/000-005</a> |
|    | <b>Item no.: 2000-406/020-000</b><br>Delta jumper; insulated; light gray   | <a href="http://www.wago.com/2000-406/020-000">www.wago.com/2000-406/020-000</a> |
|     | <b>Item no.: 2000-437</b><br>Jumper; from 1 to 7; insulated; light gray  | <a href="http://www.wago.com/2000-437">www.wago.com/2000-437</a>                 |
|     | <b>Item no.: 2000-438</b><br>Jumper; from 1 to 8; insulated; light gray  | <a href="http://www.wago.com/2000-438">www.wago.com/2000-438</a>                 |
|     | <b>Item no.: 2000-439</b><br>Jumper; from 1 to 9; insulated; light gray  | <a href="http://www.wago.com/2000-439">www.wago.com/2000-439</a>                 |
|     | <b>Item no.: 2000-440</b><br>Jumper; from 1 to 10; insulated; light gray   | <a href="http://www.wago.com/2000-440">www.wago.com/2000-440</a>                 |
|    | <b>Item no.: 210-103</b><br>Wire commoning chain; insulated; black   | <a href="http://www.wago.com/210-103">www.wago.com/210-103</a>                   |
| <b>Carrier rail</b>  |  |  |
| Mounting accessories   |  |  |
|  | <b>Item no.: 210-197</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored                     | <a href="http://www.wago.com/210-197">www.wago.com/210-197</a>                   |
|  | <b>Item no.: 210-198</b><br>Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored                | <a href="http://www.wago.com/210-198">www.wago.com/210-198</a>                   |
|  | <b>Item no.: 210-113</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored                  | <a href="http://www.wago.com/210-113">www.wago.com/210-113</a>                   |
|  | <b>Item no.: 210-118</b><br>Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored                 | <a href="http://www.wago.com/210-118">www.wago.com/210-118</a>                   |
|  | <b>Item no.: 210-112</b><br>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 | <a href="http://www.wago.com/210-112">www.wago.com/210-112</a>                   |
|  | <b>Item no.: 210-114</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored                   | <a href="http://www.wago.com/210-114">www.wago.com/210-114</a>                   |
|  | <b>Item no.: 210-115</b><br>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 | <a href="http://www.wago.com/210-115">www.wago.com/210-115</a>                   |

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



**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

[www.wago.com/210-196](http://www.wago.com/210-196)

**Marking accessories**

Marking strip



**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 carrier



**Item no.: 2000-121**

Adaptor; gray

[www.wago.com/2000-121](http://www.wago.com/2000-121)

Marker



**Item no.: 2009-113**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white

[www.wago.com/2009-113](http://www.wago.com/2009-113)



**Item no.: 2009-113/000-002**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow

[www.wago.com/2009-113/000-002](http://www.wago.com/2009-113/000-002)



**Item no.: 2009-113/000-012**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange

[www.wago.com/2009-113/000-012](http://www.wago.com/2009-113/000-012)



**Item no.: 2009-113/000-007**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray

[www.wago.com/2009-113/000-007](http://www.wago.com/2009-113/000-007)



**Item no.: 2009-113/000-005**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; red

[www.wago.com/2009-113/000-005](http://www.wago.com/2009-113/000-005)



**Item no.: 2009-113/000-017**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green

[www.wago.com/2009-113/000-017](http://www.wago.com/2009-113/000-017)



**Item no.: 2009-113/000-006**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue

[www.wago.com/2009-113/000-006](http://www.wago.com/2009-113/000-006)



**Item no.: 2009-113/000-024**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet

[www.wago.com/2009-113/000-024](http://www.wago.com/2009-113/000-024)



**Item no.: 2009-113/000-023**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green

[www.wago.com/2009-113/000-023](http://www.wago.com/2009-113/000-023)

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

WAGO GmbH & Co. KG

Hansastr. 27













32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.

|  |  |  |
|--|--|--|
|    | <b>Item no.: 793-3501</b><br>WMB marking card; as card; plain; snap-on type; white   | <a href="http://www.wago.com/793-3501">www.wago.com/793-3501</a> |
| <b>Group marker carrier</b>  |  |  |
|     | <b>Item no.: 2009-191</b><br>Group marker carrier; gray  | <a href="http://www.wago.com/2009-191">www.wago.com/2009-191</a> |
| <b>Push-in type wire jumper</b>  |  |  |
| Jumper   |  |  |
|    | <b>Item no.: 2009-404</b><br>Push-in type wire jumper; 0.75 mm <sup>2</sup> ; insulated; 110 mm long; gray   | <a href="http://www.wago.com/2009-404">www.wago.com/2009-404</a> |
|    | <b>Item no.: 2009-402</b><br>Push-in type wire jumper; 0.75 mm <sup>2</sup> ; insulated; 60 mm long; gray  | <a href="http://www.wago.com/2009-402">www.wago.com/2009-402</a> |
|    | <b>Item no.: 2009-406</b><br>Push-in type wire jumper; 0.75 mm <sup>2</sup> ; insulated; 250 mm long; gray   | <a href="http://www.wago.com/2009-406">www.wago.com/2009-406</a> |
| <b>Coding</b>  |  |  |
| Coding   |  |  |
|     | <b>Item no.: 2020-100</b><br>Carrier with 6 coding pins; for coding of female plugs; for carrier terminal blocks; orange   | <a href="http://www.wago.com/2020-100">www.wago.com/2020-100</a> |
| <b>Ferrule</b>   |  |  |
| Ferrule  |  |  |
|   | <b>Item no.: 216-241</b><br>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 | <a href="http://www.wago.com/216-241">www.wago.com/216-241</a>   |
|   | <b>Item no.: 216-242</b><br>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 | <a href="http://www.wago.com/216-242">www.wago.com/216-242</a>   |
|   | <b>Item no.: 216-243</b><br>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     | <a href="http://www.wago.com/216-243">www.wago.com/216-243</a>   |
| <b>Protective warning marker</b>   |  |  |
| Cover  |  |  |
|  | <b>Item no.: 2000-115</b><br>Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow   | <a href="http://www.wago.com/2000-115">www.wago.com/2000-115</a> |
| <b>Testing and measuring</b>   |  |  |
| Testing accessories  |  |  |
|   | <b>Item no.: 2009-174</b><br>Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray   | <a href="http://www.wago.com/2009-174">www.wago.com/2009-174</a> |
|  | <b>Item no.: 2009-182</b><br>Testing tap; for max. 2.5 mm <sup>2</sup> ; tool-free connection for individual test wires 0.08 - 2.5 mm; gray  | <a href="http://www.wago.com/2009-182">www.wago.com/2009-182</a> |

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



## Downloads

### Documentation

#### Bid Text

|                                  |             |               |          |
|----------------------------------|-------------|---------------|----------|
| 2020-5377/102-000<br>X81 - Datei | 2019 Feb 19 | xml<br>4.3 kB | Download |
|----------------------------------|-------------|---------------|----------|

|                                   |            |                 |          |
|-----------------------------------|------------|-----------------|----------|
| 2020-5377/102-000<br>docx - Datei | 2018 Aug 7 | docx<br>15.5 kB | Download |
|-----------------------------------|------------|-----------------|----------|

#### Additional Information

|   |  |               |          |
|---|--|---------------|----------|
| Technical Section<br>Technical explanations |  | pdf<br>2.2 MB | Download |
|---|--|---------------|----------|

## CAD/CAE-Data

### CAD data

|                                |  |     |          |
|--------------------------------|--|-----|----------|
| 2D/3D Models 2020-5377/102-000 |  | URL | Download |
|--------------------------------|--|-----|----------|

### CAE data

|                                |  |     |          |
|--------------------------------|--|-----|----------|
| ZUKEN Portal 2020-5377/102-000 |  | URL | Download |
|--------------------------------|--|-----|----------|

## Environmental Product Compliance

### Compliance Search

|   |  |     |          |
|---|--|-----|----------|
| Environmental Product Compliance 2020-5377/102-000<br>3-conductor sensor/actuator terminal block; for PNP-(high-side) switching actuators;<br>with ground contact; 1 mm <sup>2</sup> ; Push-in CAGE CLAMP®; 1,00 mm <sup>2</sup> ; orange |  | URL | Download |
|---|--|-----|----------|

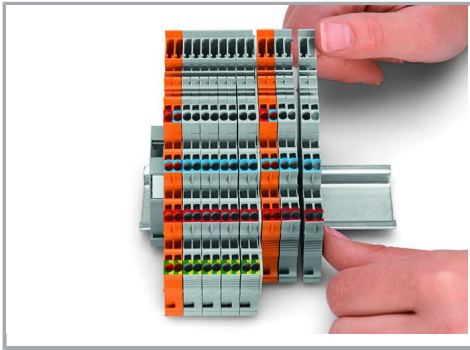
## Installation Notes

### Installation

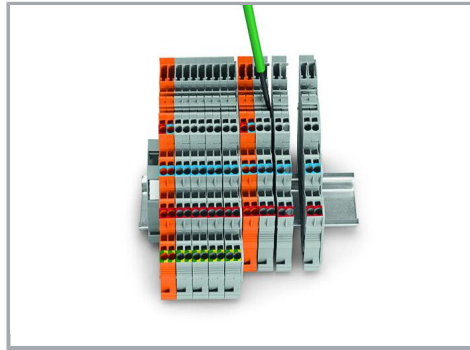
Subject to changes. Please also observe the further product documentation!

WAGO GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.

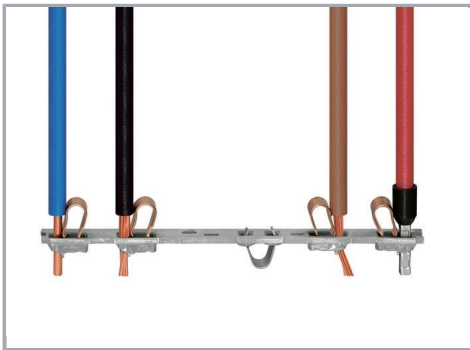


Snap individual terminal blocks onto the DIN-rail and slide together.



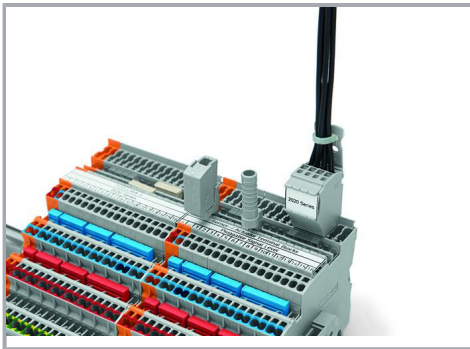
Separate terminal block assembly and slide individual terminal blocks laterally using an operating tool.

### Conductor termination



All conductor types at a glance

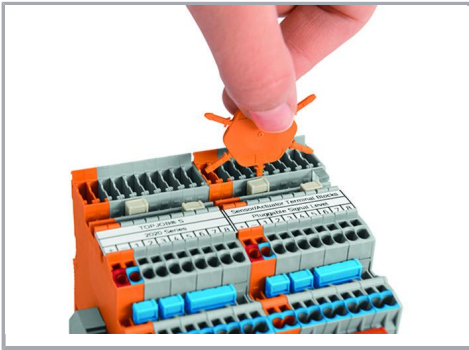
### Testing



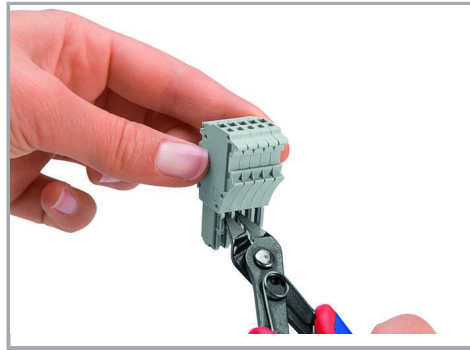
Testing via testing tap (2009-182) or test plug adapter (2009-174) (up to max. 42 V).

### Coding

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

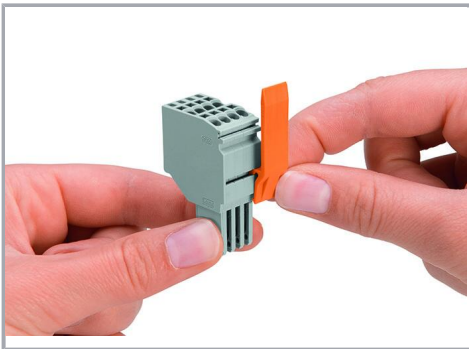


Insert coding pin into the corresponding slot and twist it off.



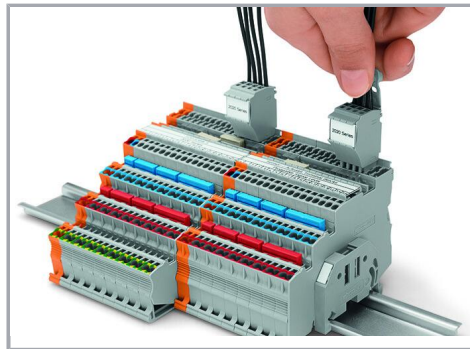
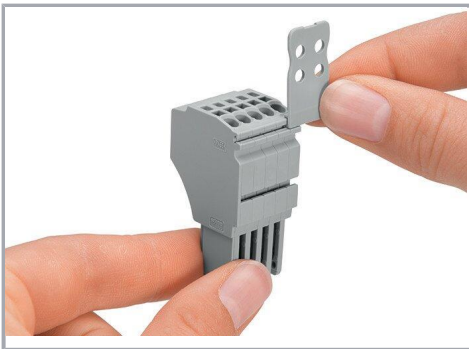
Remove the coding finger using a cutting tool.

### Locking system



Slide the locking lever into position.

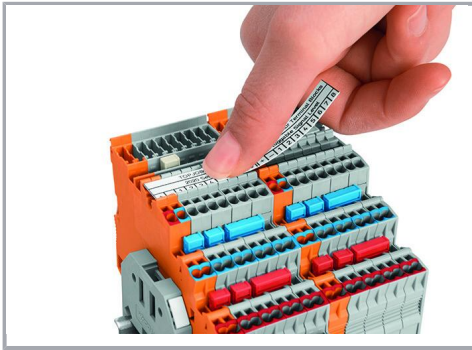
### Strain relief



Removing a female plug via conductor bundle provided with strain relief plate.

### Marking

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



Labeling terminal blocks via marking strips (2009-110) or 3.5 mm wide WMB markers (793-35xx) – from the top or the side.

## 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!