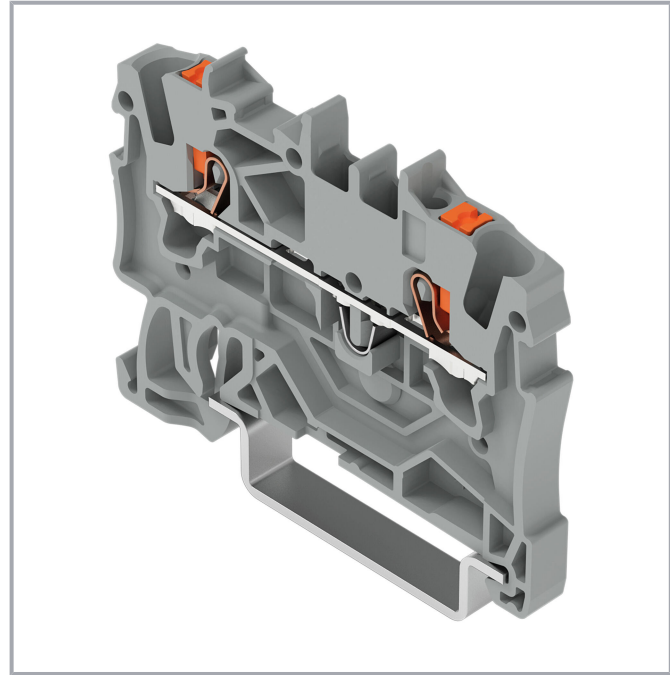
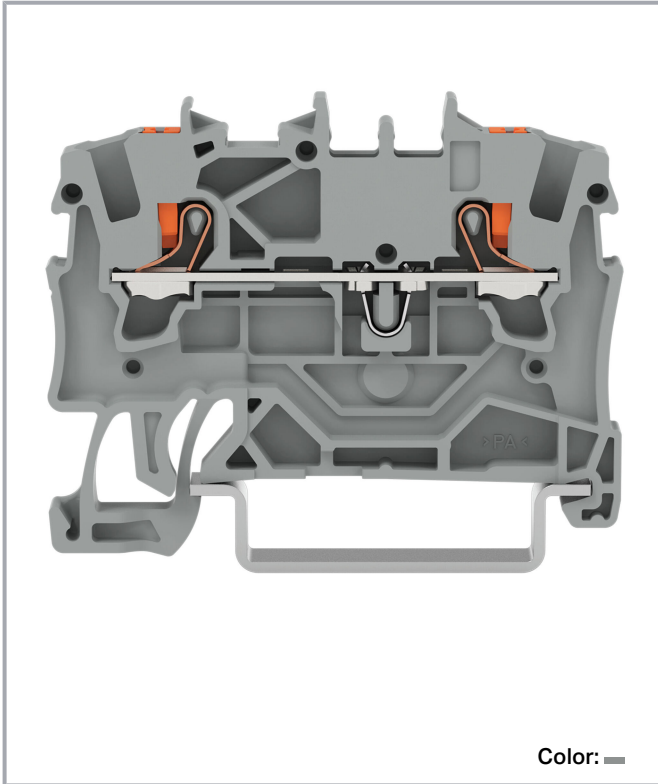


Data sheet | Item number: 2201-1201

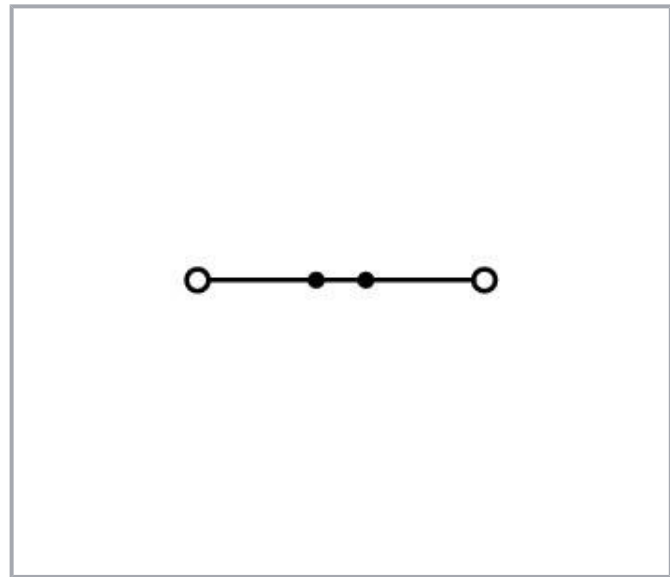
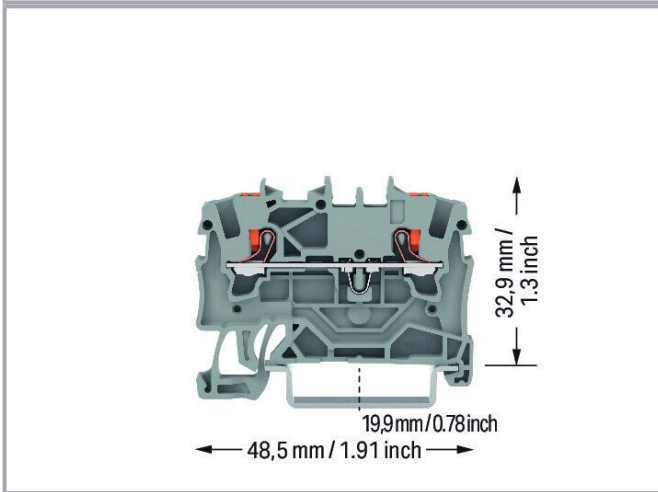
2-conductor through terminal block; with push-button; 1.5 mm<sup>2</sup>; with test port; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 1,00 mm<sup>2</sup>; gray



[www.wago.com/2201-1201](http://www.wago.com/2201-1201)



Color: —



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## Data

### Electrical data

#### Ratings per IEC/EN

|   |   |
|---|---|
| Ratings per   | IEC/EN 60947-7-1  |
| Nominal voltage (III/3)                                   | 800 V   |
| Rated impulse voltage (III/3)                             | 8 kV  |
| Rated current   | 18 A  |
| Current at conductor cross-section (max.) mm <sup>2</sup> | 24 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) | 600 V   |
| Rated current UL (Use Group B) | 15 A    |
| Rated voltage UL (Use Group C) | 600 V   |
| Rated current UL (Use Group C) | 15 A    |

#### Ratings per CSA

|                                 |                 |
|---------------------------------|-----------------|
| Approvals per                   | CSA 22.2 No 158 |
| Rated voltage CSA (Use Group B) | 600 V           |
| Rated current CSA (Use Group B) | 15 A            |
| Rated voltage CSA (Use Group C) | 600 V           |
| Rated current CSA (Use Group C) | 15 A            |

## Ex information

|                            |   |
|----------------------------|---|
| Reference hazardous areas  | See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications" |
| Ratings per                | ATEX: PTB 18 ATEX 1004 U / IECEx: PTB 18.0011U (Ex eb IIC Gb)                                       |
| Rated voltage EN (Ex e II) | 550 V   |
| Rated current (Ex e II)    | 17.5 A  |

## Power loss

|  |         |
|--|---------|
| Power loss, per pole (potential)             | 0.771 W |
| Rated current $I_N$ for specified power loss | 18 A    |

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



|  |         |
|--|---------|
| Resistance value for specified, current-dependent power loss | 0.002 Ω |
|--|---------|

### Connection data

|                            |   |
|----------------------------|---|
| Connection points          | 2 |
| Total number of potentials | 1 |
| Number of levels           | 1 |
| Number of jumper slots     | 2 |

### Connection 1

|  |   |
|--|---|
| Connection technology                                      | Push-in CAGE CLAMP®   |
| Actuation type   | Push-button   |
| Connectable conductor materials                            | Copper  |
| Nominal cross-section                                      | 1.5 mm <sup>2</sup>   |
| Solid conductor  | 0.25 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG  |
| Solid conductor; push-in termination                       | 0.75 ... 2.5 mm <sup>2</sup> / 18 ... 14 AWG  |
| Fine-stranded conductor                                    | 0.25 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG  |
| Fine-stranded conductor; with insulated ferrule            | 0.25 ... 1.5 mm <sup>2</sup> / 22 ... 16 AWG  |
| Fine-stranded conductor; with ferrule; push-in termination | 0.75 ... 1.5 mm <sup>2</sup> / 18 ... 16 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                             | 4.2 mm / 0.165 inches  |
| Height                            | 48.5 mm / 1.909 inches |
| Depth from upper-edge of DIN-rail | 32.9 mm / 1.295 inches |

### Mechanical Data

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

### Material Data

Note (material data)

[Information on material specifications can be found here](#)

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



|                             |                  |
|-----------------------------|------------------|
| Color                       | gray             |
| Material group              | I                |
| Insulation material         | Polyamide (PA66) |
| Flammability class per UL94 | V0               |
| Fire load                   | 0.105 MJ         |
| Weight                      | 4.1 g            |

### Environmental requirements

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

### Commercial data



|                       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-14-11-20   |
| eCl@ss 9.0            | 27-14-11-20   |
| ETIM 8.0              | EC000897      |
| ETIM 7.0              | EC000897      |
| PU (SPU)              | 100 pcs       |
| Packaging type        | box           |
| Country of origin     | DE            |
| GTIN                  | 4055143695152 |
| 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 7825                                    |
|  | CCC<br>CNEX                     | GB/T 3836.3              | 2020312313000167<br>(Ex eb IIC Gb, Ex eb I Mb) |
|  | CSA<br>DEKRA Certification B.V. | C22.2                    | 70173738                                       |

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



cURus

UL 1059

E45172



Underwriters Laboratories Inc.





KEMA/KEUR

EN 60947





71-113099

DEKRA Certification B.V.

## 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 | -                        | -                |

## Approvals for marine applications

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

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

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## Approvals for hazardous areas

| Logo   | Approval  | Additional Approval Text | Certificate name  |
|--|---|--------------------------|---|
|    | <b>AEx</b><br>UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt | UL 60079                 | E185892 (AEx eb IIC resp. Ex eb IIC)                              |
|    | <b>ATEX</b><br>Physikalisch Technische Bundesanstalt                                  | IEC 60079-0              | PTB 18 ATEX 1004<br>U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb) |
|    | <b>CCC</b><br>CNEX  | GB/T 3836.3              | 2020312313000167<br>(Ex eb IIC Gb, Ex eb I Mb)                    |
|    | <b>EAC</b><br>Brjansker Zertifizierungsstelle   | TP TC 012/2011           | RU C-DE.AM02.B.<br>00127/19 (Ex e IIC Gb U)                       |
|    | <b>IECEX</b><br>Physikalisch Technische Bundesanstalt                                 | IEC 60079-0              | IECEX PTB 18.0011U<br>(Ex eb IIC Gb and Ex eb I Mb)               |
|  | <b>INMETRO</b><br>TÜV Rheinland do Brasil Ltda.                                       | IEC 60079                | TÜV 19.0083 U   |

## Required accessories












## End plate

| End plate  |   |  |
|--|---|--|
|  | <b>Item no.: 209-191</b><br>Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide; orange | <a href="http://www.wago.com/209-191">www.wago.com/209-191</a>     |
|  | <b>Item no.: 209-190</b><br>Separator for Ex e/Ex i applications; 3 mm thick; 90 mm wide; orange  | <a href="http://www.wago.com/209-190">www.wago.com/209-190</a>     |
|  | <b>Item no.: 2002-1291</b><br>End and intermediate plate; 0.8 mm thick; gray                      | <a href="http://www.wago.com/2002-1291">www.wago.com/2002-1291</a> |
|  | <b>Item no.: 2002-1292</b><br>End and intermediate plate; 0.8 mm thick; orange                    | <a href="http://www.wago.com/2002-1292">www.wago.com/2002-1292</a> |

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

## Optional accessories

### Marking accessories

| Marking strip  |  |  |
|--|--|--|
|    | <b>Item no.: 2009-110</b><br>Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white                         | <a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>                 |
| Marker   |  |  |
|    | <b>Item no.: 2009-114/000-002</b><br>WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; yellow | <a href="http://www.wago.com/2009-114/000-002">www.wago.com/2009-114/000-002</a> |
|    | <b>Item no.: 2009-114/000-005</b><br>WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; red    | <a href="http://www.wago.com/2009-114/000-005">www.wago.com/2009-114/000-005</a> |
|    | <b>Item no.: 2009-114/000-007</b><br>WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; gray   | <a href="http://www.wago.com/2009-114/000-007">www.wago.com/2009-114/000-007</a> |
|    | <b>Item no.: 2009-114/000-023</b><br>WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green  | <a href="http://www.wago.com/2009-114/000-023">www.wago.com/2009-114/000-023</a> |
|   | <b>Item no.: 2009-114/000-006</b><br>WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; blue   | <a href="http://www.wago.com/2009-114/000-006">www.wago.com/2009-114/000-006</a> |
|  | <b>Item no.: 2009-114/000-024</b><br>WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; violet | <a href="http://www.wago.com/2009-114/000-024">www.wago.com/2009-114/000-024</a> |
|  | <b>Item no.: 2009-114/000-012</b><br>WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; orange | <a href="http://www.wago.com/2009-114/000-012">www.wago.com/2009-114/000-012</a> |
|  | <b>Item no.: 2009-114</b><br>WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white          | <a href="http://www.wago.com/2009-114">www.wago.com/2009-114</a>                 |
|  | <b>Item no.: 793-4501/000-002</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; yellow                          | <a href="http://www.wago.com/793-4501/000-002">www.wago.com/793-4501/000-002</a> |
|  | <b>Item no.: 793-4501/000-006</b><br>WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; blue                            | <a href="http://www.wago.com/793-4501/000-006">www.wago.com/793-4501/000-006</a> |

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



**Item no.: 793-4501**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white

[www.wago.com/793-4501](http://www.wago.com/793-4501)



**Item no.: 793-4501/000-023**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; green

[www.wago.com/793-4501/000-023](http://www.wago.com/793-4501/000-023)



**Item no.: 793-4501/000-024**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; violet

[www.wago.com/793-4501/000-024](http://www.wago.com/793-4501/000-024)



**Item no.: 793-4501/000-005**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; red

[www.wago.com/793-4501/000-005](http://www.wago.com/793-4501/000-005)



**Item no.: 793-4501/000-007**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; gray

[www.wago.com/793-4501/000-007](http://www.wago.com/793-4501/000-007)



**Item no.: 793-4501/000-012**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; orange

[www.wago.com/793-4501/000-012](http://www.wago.com/793-4501/000-012)



**Item no.: 793-4501/000-017**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; light green

[www.wago.com/793-4501/000-017](http://www.wago.com/793-4501/000-017)

## 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)

## Testing and measuring

Testing accessories



**Item no.: 2009-174**

Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray

[www.wago.com/2009-174](http://www.wago.com/2009-174)

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

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**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

[www.wago.com/2009-182](http://www.wago.com/2009-182)



**Item no.: 2001-511**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/2001-511](http://www.wago.com/2001-511)



**Item no.: 2001-554**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/2001-554](http://www.wago.com/2001-554)



**Item no.: 2001-549**  
Spacer module; modular; e.g., for bridging commoned terminal blocks; gray

[www.wago.com/2001-549](http://www.wago.com/2001-549)



**Item no.: 2001-556**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/2001-556](http://www.wago.com/2001-556)



**Item no.: 2001-557**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/2001-557](http://www.wago.com/2001-557)



**Item no.: 2001-553**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/2001-553](http://www.wago.com/2001-553)



**Item no.: 2001-552**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/2001-552](http://www.wago.com/2001-552)



**Item no.: 2001-558**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/2001-558](http://www.wago.com/2001-558)



**Item no.: 2001-560**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/2001-560](http://www.wago.com/2001-560)



**Item no.: 2001-555**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/2001-555](http://www.wago.com/2001-555)



**Item no.: 2001-559**  
Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/2001-559](http://www.wago.com/2001-559)

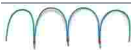


**Item no.: 210-136**  
Test plug; 2 mm Ø; with 500 mm cable; red

[www.wago.com/210-136](http://www.wago.com/210-136)

## Jumpers

### Jumper



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

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




















**Item no.: 2006-499**  
Step-down jumper; from 2006/2004 to 2004/2002/2001 series; from 2206/2204 to 2204/2202/2201 series; insulated; light gray

[www.wago.com/2006-499](http://www.wago.com/2006-499)








**Item no.: 2001-402**

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

|  |  |  |
|--|--|--|
|  | Jumper; 2-way; insulated; light gray   | <a href="http://www.wago.com/2001-402">www.wago.com/2001-402</a>                 |
|    | <b>Item no.: 2001-403</b><br>Jumper; 3-way; insulated; light gray                    | <a href="http://www.wago.com/2001-403">www.wago.com/2001-403</a>                 |
|    | <b>Item no.: 2001-405</b><br>Jumper; 5-way; insulated; light gray                    | <a href="http://www.wago.com/2001-405">www.wago.com/2001-405</a>                 |
|    | <b>Item no.: 2001-406/020-000</b><br>Delta jumper; insulated; light gray             | <a href="http://www.wago.com/2001-406/020-000">www.wago.com/2001-406/020-000</a> |
|    | <b>Item no.: 2001-405/011-000</b><br>Star point jumper; 3-way; insulated; light gray | <a href="http://www.wago.com/2001-405/011-000">www.wago.com/2001-405/011-000</a> |
|    | <b>Item no.: 2001-407</b><br>Jumper; 7-way; insulated; light gray                    | <a href="http://www.wago.com/2001-407">www.wago.com/2001-407</a>                 |
|    | <b>Item no.: 2001-409</b><br>Jumper; 9-way; insulated; light gray                    | <a href="http://www.wago.com/2001-409">www.wago.com/2001-409</a>                 |
|    | <b>Item no.: 2001-406</b><br>Jumper; 6-way; insulated; light gray                    | <a href="http://www.wago.com/2001-406">www.wago.com/2001-406</a>                 |
|    | <b>Item no.: 2001-404</b><br>Jumper; 4-way; insulated; light gray                    | <a href="http://www.wago.com/2001-404">www.wago.com/2001-404</a>                 |
|  | <b>Item no.: 2001-410</b><br>Jumper; 10-way; insulated; light gray                   | <a href="http://www.wago.com/2001-410">www.wago.com/2001-410</a>                 |
|  | <b>Item no.: 2001-433</b><br>Jumper; from 1 to 3; insulated; light gray              | <a href="http://www.wago.com/2001-433">www.wago.com/2001-433</a>                 |
|  | <b>Item no.: 2001-435</b><br>Jumper; from 1 to 5; insulated; light gray              | <a href="http://www.wago.com/2001-435">www.wago.com/2001-435</a>                 |
|  | <b>Item no.: 2001-408</b><br>Jumper; 8-way; insulated; light gray                    | <a href="http://www.wago.com/2001-408">www.wago.com/2001-408</a>                 |
|  | <b>Item no.: 2001-437</b><br>Jumper; from 1 to 7; insulated; light gray              | <a href="http://www.wago.com/2001-437">www.wago.com/2001-437</a>                 |
|  | <b>Item no.: 2001-436</b><br>Jumper; from 1 to 6; insulated; light gray              | <a href="http://www.wago.com/2001-436">www.wago.com/2001-436</a>                 |
|  | <b>Item no.: 2001-440</b><br>Jumper; from 1 to 10; insulated; light gray             | <a href="http://www.wago.com/2001-440">www.wago.com/2001-440</a>                 |
|  | <b>Item no.: 2001-438</b><br>Jumper; from 1 to 8; insulated; light gray              | <a href="http://www.wago.com/2001-438">www.wago.com/2001-438</a>                 |
|  | <b>Item no.: 2001-434</b><br>Jumper; from 1 to 4; insulated; light gray              | <a href="http://www.wago.com/2001-434">www.wago.com/2001-434</a>                 |

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

|  |  |  |
|--|--|--|
|    | <b>Item no.: 2001-439</b><br>Jumper; from 1 to 9; insulated; light gray  | <a href="http://www.wago.com/2001-439">www.wago.com/2001-439</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>   |
|  | <b>Item no.: 210-196</b><br>Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored   | <a href="http://www.wago.com/210-196">www.wago.com/210-196</a>   |
| <b>Insulation stop</b>   |  |  |
| Insulation stop  |  |  |
|  | <b>Item no.: 2001-171</b><br>Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip; light gray  | <a href="http://www.wago.com/2001-171">www.wago.com/2001-171</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>   |  |

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

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; [www.wago.com/216-243](http://www.wago.com/216-243)  
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

[www.wago.com/216-244](http://www.wago.com/216-244)

**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)

**Push-in type wire jumper**

Jumper



**Item no.: 2009-412**

Push-in type wire jumper; insulated; 60 mm long; black

[www.wago.com/2009-412](http://www.wago.com/2009-412)



**Item no.: 2009-414**

Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 110 mm long; black

[www.wago.com/2009-414](http://www.wago.com/2009-414)



**Item no.: 2009-416**

Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 250 mm long; black

[www.wago.com/2009-416](http://www.wago.com/2009-416)



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

Push-in type wire jumper; 1.5 mm<sup>2</sup>; insulated; 110 mm long; black

[www.wago.com/2009-414/000-005](http://www.wago.com/2009-414/000-005)



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

Push-in type wire jumper; insulated; 110 mm long; black

[www.wago.com/2009-414/000-006](http://www.wago.com/2009-414/000-006)

**Downloads**

**Documentation**

**Bid Text**

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**Additional Information**

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Do you have any questions about our products?  
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2201-1201

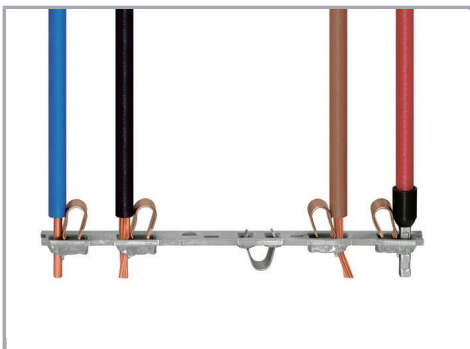
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2-conductor through terminal block; with push-button; 1.5 mm<sup>2</sup>; with test port; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 1,00 mm<sup>2</sup>; gray

## Installation Notes

### Conductor termination



All conductor types at a glance



Push-in termination of solid and ferruled conductors

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

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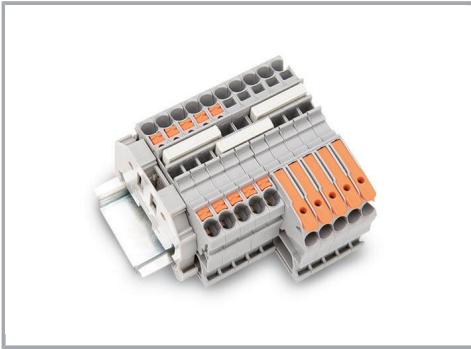


Insert fine-stranded conductors via operating tool.

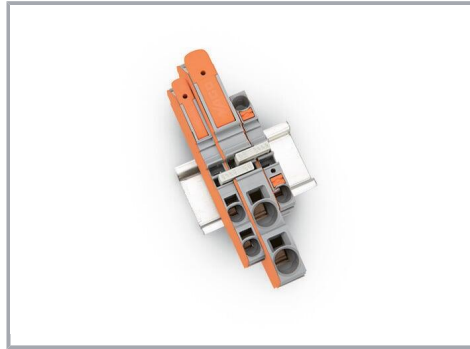


Removing all conductors via operating tool.

### Commoning



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



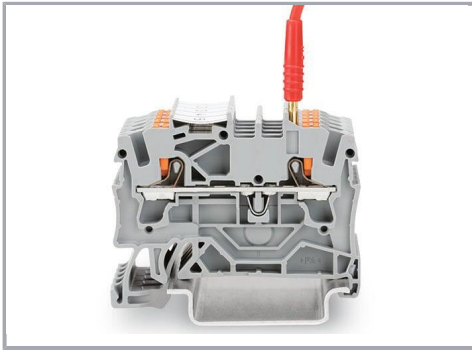
Commoning with step-down jumpers.



**Step-down jumper (2006-499)** commons 6 /4 mm<sup>2</sup> (10/12 AWG) terminal blocks (2206 /2204 Series) with 4/2.5/1.5 mm<sup>2</sup> (AWG 12/14 /16) terminal blocks (2204/2202/2201 Series).

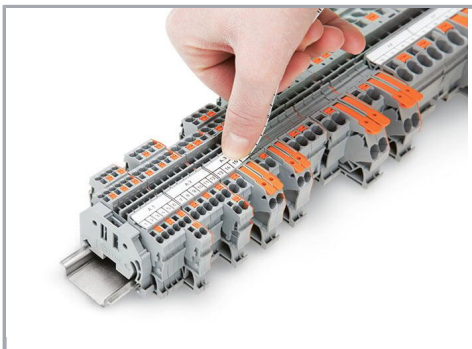
### Testing

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



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.

### 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.

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