

**Data sheet | Item number: 2202-1881**

4-conductor fuse terminal block; for mini-automotive blade-style fuses; per DIN 7258-3f, ISO 8820-3; with test option; with push-button; without blown fuse indication; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2202-1881](http://www.wago.com/2202-1881)



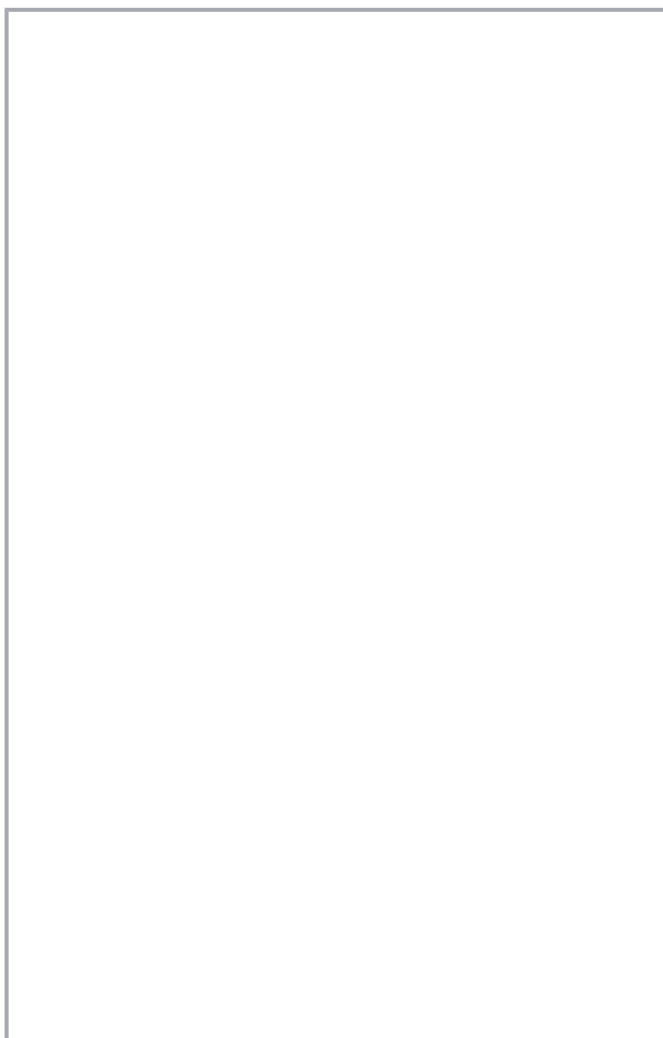
Color:



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

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## Data

### Electrical data

#### Ratings per IEC/EN

|                               |   |
|-------------------------------|---|
| Ratings per                   | IEC/EN 60947-7-3                          |
| Ratings (note)                | Electrical ratings are given by the fuse. |
| Nominal voltage (III/3)       | 400 V                                     |
| Rated impulse voltage (III/3) | 6 kV                                      |
| Rated current                 | 10 A                                      |
| Operation status indicator    | None                                      |
| Blown fuse indication         | without blown fuse indication             |

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Legend (ratings)

(III / 3) ≙ Overvoltage category III / Pollution degree 3

## Ratings per IEC/EN 2

Ratings (note) 2

Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

- 10 A (individual arrangement)
- 5 A (block arrangement)

## Ratings per UL

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 1059 |
| Rated voltage UL (Use Group B) | 300 V   |
| Rated current UL (Use Group B) | 10 A    |
| Rated voltage UL (Use Group C) | 300 V   |
| Rated current UL (Use Group C) | 10 A    |

## Ratings per CSA

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

## General information

|                 |  |
|-----------------|--|
| Fuse receptacle | pluggable                                    |
| Fuse type       | Mini flat plug-in fuse; 10.9 x 3.6 x 16.3 mm |

## Connection data

|                            |   |
|----------------------------|---|
| Connection points          | 4 |
| Total number of potentials | 2 |
| Number of levels           | 1 |
| Number of jumper slots     | 2 |

## Connection 1

|                       |                     |
|-----------------------|---------------------|
| Connection technology | Push-in CAGE CLAMP® |
|-----------------------|---------------------|

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



|  |   |
|--|---|
| Actuation type   | Push-button   |
| Connectable conductor materials                            | Copper  |
| Nominal cross-section                                      | 2.5 mm <sup>2</sup>   |
| Solid conductor  | 0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG  |
| Solid conductor; push-in termination                       | 0.75 ... 4 mm <sup>2</sup> / 18 ... 12 AWG  |
| Fine-stranded conductor                                    | 0.25 ... 4 mm <sup>2</sup> / 22 ... 12 AWG  |
| Fine-stranded conductor; with insulated ferrule            | 0.25 ... 2.5 mm <sup>2</sup> / 22 ... 14 AWG  |
| Fine-stranded conductor; with ferrule; push-in termination | 1 ... 2.5 mm <sup>2</sup> / 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  |

### Physical data

|                                   |                        |
|-----------------------------------|------------------------|
| Width                             | 5.2 mm / 0.205 inches  |
| Height                            | 87.5 mm / 3.445 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 |
| Color                       | gray   |
| Material group              | I  |
| Insulation material         | Polyamide (PA66)   |
| Flammability class per UL94 | V0   |
| Fire load                   | 0.229 MJ   |
| Actuator color              | orange   |
| Weight                      | 9.7 g  |

### Environmental requirements

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

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## Commercial data

|                       |               |
|-----------------------|---------------|
| ETIM 8.0              | EC000899      |
| ETIM 7.0              | EC000899      |
| PU (SPU)              | 50 pcs        |
| Packaging type        | box           |
| Country of origin     | DE            |
| GTIN                  | 4055143902830 |
| Customs tariff number | 85369095000   |

## Environmental Product Compliance

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

## Approvals / Certificates

### General approvals

| Logo | Approval                        | Additional Approval Text | Certificate name |
|------|---------------------------------|--------------------------|------------------|
|      | CSA<br>DEKRA Certification B.V. | C22.2                    | 70173745         |

### 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 | -                        | -                |

## Required accessories

### End plate

| End plate   |  |
|---|--|
| Item no.: 2002-1892<br>End and intermediate plate; 1 mm thick; orange | <a href="http://www.wago.com/2002-1892">www.wago.com/2002-1892</a> |
| Item no.: 2002-1891<br>End and intermediate plate; 1 mm thick; gray   | <a href="http://www.wago.com/2002-1891">www.wago.com/2002-1891</a> |

## Optional accessories

### Testing and measuring

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

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## 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> |
| <b>Item no.: 2002-511</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 2,50 mm <sup>2</sup> ; gray              | <a href="http://www.wago.com/2002-511">www.wago.com/2002-511</a> |
| <b>Item no.: 2002-549</b><br>Spacer module; modular; e.g., for bridging commoned terminal blocks; gray                                      | <a href="http://www.wago.com/2002-549">www.wago.com/2002-549</a> |
| <b>Item no.: 2002-552</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 2,50 mm <sup>2</sup> ; gray              | <a href="http://www.wago.com/2002-552">www.wago.com/2002-552</a> |
| <b>Item no.: 2002-558</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 2,50 mm <sup>2</sup> ; gray              | <a href="http://www.wago.com/2002-558">www.wago.com/2002-558</a> |
| <b>Item no.: 2002-559</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 2,50 mm <sup>2</sup> ; gray              | <a href="http://www.wago.com/2002-559">www.wago.com/2002-559</a> |
| <b>Item no.: 2002-556</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 2,50 mm <sup>2</sup> ; gray              | <a href="http://www.wago.com/2002-556">www.wago.com/2002-556</a> |
| <b>Item no.: 2002-553</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 2,50 mm <sup>2</sup> ; gray              | <a href="http://www.wago.com/2002-553">www.wago.com/2002-553</a> |
| <b>Item no.: 2002-560</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 2,50 mm <sup>2</sup> ; gray             | <a href="http://www.wago.com/2002-560">www.wago.com/2002-560</a> |
| <b>Item no.: 2002-554</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 2,50 mm <sup>2</sup> ; gray              | <a href="http://www.wago.com/2002-554">www.wago.com/2002-554</a> |
| <b>Item no.: 2002-555</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 2,50 mm <sup>2</sup> ; gray              | <a href="http://www.wago.com/2002-555">www.wago.com/2002-555</a> |
| <b>Item no.: 2002-557</b><br>Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 2,50 mm <sup>2</sup> ; gray              | <a href="http://www.wago.com/2002-557">www.wago.com/2002-557</a> |
| <b>Item no.: 2002-649</b><br>TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray                      | <a href="http://www.wago.com/2002-649">www.wago.com/2002-649</a> |
| <b>Item no.: 210-136</b><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>   |

## Mounting

## Cover carrier

|  |  |
|--|--|
| <b>Item no.: 709-169</b><br>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 | <a href="http://www.wago.com/709-169">www.wago.com/709-169</a> |
|--|--|

## Cover

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

**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)

| <b>Ferrule</b>                  |  |  |
|---------------------------------|--|--|
| Ferrule                         |  |  |
| <b>Item no.: 216-241</b>        | 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>        | 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>        | 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>Item no.: 216-244</b>        | 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 | <a href="http://www.wago.com/216-244">www.wago.com/216-244</a>   |
| <b>Item no.: 216-263</b>        | 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/216-263">www.wago.com/216-263</a>   |
| <b>Item no.: 216-246</b>        | 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  | <a href="http://www.wago.com/216-246">www.wago.com/216-246</a>   |
| <b>Item no.: 216-266</b>        | 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  | <a href="http://www.wago.com/216-266">www.wago.com/216-266</a>   |
| <b>Item no.: 216-264</b>        | 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 | <a href="http://www.wago.com/216-264">www.wago.com/216-264</a>   |
| <b>Item no.: 216-262</b>        | 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/216-262">www.wago.com/216-262</a>   |
| <b>Tool</b>                     |  |  |
| Operating tool                  |  |  |
| <b>Item no.: 210-658</b>        | Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured  | <a href="http://www.wago.com/210-658">www.wago.com/210-658</a>   |
| <b>Item no.: 210-720</b>        | Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured   | <a href="http://www.wago.com/210-720">www.wago.com/210-720</a>   |
| <b>Insulation stop</b>          |  |  |
| Insulation stop                 |  |  |
| <b>Item no.: 2002-171</b>       | Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip; light gray   | <a href="http://www.wago.com/2002-171">www.wago.com/2002-171</a> |
| <b>Item no.: 2002-172</b>       | Insulation stop; 0.75 - 1 mm <sup>2</sup> ; 5 pieces/strip; dark gray  | <a href="http://www.wago.com/2002-172">www.wago.com/2002-172</a> |
| <b>Push-in type wire jumper</b> |  |  |

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



## Jumper

|  |  |
|--|--|
| <b>Item no.: 2009-412</b><br>Push-in type wire jumper; insulated; 60 mm long; black                                | <a href="http://www.wago.com/2009-412">www.wago.com/2009-412</a>                 |
| <b>Item no.: 2009-414</b><br>Push-in type wire jumper; 1.5 mm <sup>2</sup> ; insulated; 110 mm long; black         | <a href="http://www.wago.com/2009-414">www.wago.com/2009-414</a>                 |
| <b>Item no.: 2009-416</b><br>Push-in type wire jumper; 1.5 mm <sup>2</sup> ; insulated; 250 mm long; black         | <a href="http://www.wago.com/2009-416">www.wago.com/2009-416</a>                 |
| <b>Item no.: 2009-414/000-005</b><br>Push-in type wire jumper; 1.5 mm <sup>2</sup> ; insulated; 110 mm long; black | <a href="http://www.wago.com/2009-414/000-005">www.wago.com/2009-414/000-005</a> |
| <b>Item no.: 2009-414/000-006</b><br>Push-in type wire jumper; insulated; 110 mm long; black                       | <a href="http://www.wago.com/2009-414/000-006">www.wago.com/2009-414/000-006</a> |

## Jumpers

## Jumper

|  |  |
|--|--|
| <b>Item no.: 210-123</b><br>Wire commoning chain; insulated; blue            | <a href="http://www.wago.com/210-123">www.wago.com/210-123</a>                   |
| <b>Item no.: 2002-402</b><br>Jumper; 2-way; insulated; light gray            | <a href="http://www.wago.com/2002-402">www.wago.com/2002-402</a>                 |
| <b>Item no.: 2002-402/000-005</b><br>Jumper; 2-way; insulated; red           | <a href="http://www.wago.com/2002-402/000-005">www.wago.com/2002-402/000-005</a> |
| <b>Item no.: 2002-400</b><br>Continuous jumper; 2-way; insulated; light gray | <a href="http://www.wago.com/2002-400">www.wago.com/2002-400</a>                 |
| <b>Item no.: 2002-403</b><br>Jumper; 3-way; insulated; light gray            | <a href="http://www.wago.com/2002-403">www.wago.com/2002-403</a>                 |
| <b>Item no.: 2002-404/000-005</b><br>Jumper; 4-way; insulated; red           | <a href="http://www.wago.com/2002-404/000-005">www.wago.com/2002-404/000-005</a> |
| <b>Item no.: 2002-403/000-006</b><br>Jumper; 3-way; insulated; blue          | <a href="http://www.wago.com/2002-403/000-006">www.wago.com/2002-403/000-006</a> |
| <b>Item no.: 2002-404/000-006</b><br>Jumper; 4-way; insulated; blue          | <a href="http://www.wago.com/2002-404/000-006">www.wago.com/2002-404/000-006</a> |
| <b>Item no.: 2002-403/000-005</b><br>Jumper; 3-way; insulated; red           | <a href="http://www.wago.com/2002-403/000-005">www.wago.com/2002-403/000-005</a> |

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**Item no.: 2002-405/000-005**  
Jumper; 5-way; insulated; red

[www.wago.com/2002-405/000-005](http://www.wago.com/2002-405/000-005)

**Item no.: 2002-402/000-006**  
Jumper; 2-way; insulated; blue

[www.wago.com/2002-402/000-006](http://www.wago.com/2002-402/000-006)

**Item no.: 2002-405/000-006**  
Jumper; 5-way; insulated; blue

[www.wago.com/2002-405/000-006](http://www.wago.com/2002-405/000-006)

**Item no.: 2002-404**  
Jumper; 4-way; insulated; light gray

[www.wago.com/2002-404](http://www.wago.com/2002-404)

**Item no.: 2002-406/000-006**  
Jumper; 6-way; insulated; blue

[www.wago.com/2002-406/000-006](http://www.wago.com/2002-406/000-006)

**Item no.: 2002-406/000-005**  
Jumper; 6-way; insulated; red

[www.wago.com/2002-406/000-005](http://www.wago.com/2002-406/000-005)

**Item no.: 2002-406/020-000**  
Delta jumper; insulated; light gray

[www.wago.com/2002-406/020-000](http://www.wago.com/2002-406/020-000)

**Item no.: 2002-405**  
Jumper; 5-way; insulated; light gray

[www.wago.com/2002-405](http://www.wago.com/2002-405)

**Item no.: 2002-407/000-005**  
Jumper; 7-way; insulated; red

[www.wago.com/2002-407/000-005](http://www.wago.com/2002-407/000-005)

**Item no.: 2002-408**  
Jumper; 8-way; insulated; light gray

[www.wago.com/2002-408](http://www.wago.com/2002-408)

**Item no.: 2002-408/000-006**  
Jumper; 8-way; insulated; blue

[www.wago.com/2002-408/000-006](http://www.wago.com/2002-408/000-006)

**Item no.: 2002-405/011-000**  
Star point jumper; 3-way; insulated; light gray

[www.wago.com/2002-405/011-000](http://www.wago.com/2002-405/011-000)

**Item no.: 2002-407/000-006**  
Jumper; 7-way; insulated; blue

[www.wago.com/2002-407/000-006](http://www.wago.com/2002-407/000-006)

**Item no.: 2002-408/000-005**  
Jumper; 8-way; insulated; red

[www.wago.com/2002-408/000-005](http://www.wago.com/2002-408/000-005)

**Item no.: 2002-407**

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



Jumper; 7-way; insulated; light gray

[www.wago.com/2002-407](http://www.wago.com/2002-407)

**Item no.: 2002-406**

Jumper; 6-way; insulated; light gray

[www.wago.com/2002-406](http://www.wago.com/2002-406)

**Item no.: 2002-410/000-005**

Jumper; 10-way; insulated; red

[www.wago.com/2002-410/000-005](http://www.wago.com/2002-410/000-005)

**Item no.: 2002-410/000-006**

Jumper; 10-way; insulated; blue

[www.wago.com/2002-410/000-006](http://www.wago.com/2002-410/000-006)

**Item no.: 2002-410**

Jumper; 10-way; insulated; light gray

[www.wago.com/2002-410](http://www.wago.com/2002-410)

**Item no.: 2002-409/000-006**

Jumper; 9-way; insulated; blue

[www.wago.com/2002-409/000-006](http://www.wago.com/2002-409/000-006)

**Item no.: 2002-409/000-005**

Jumper; 9-way; insulated; red

[www.wago.com/2002-409/000-005](http://www.wago.com/2002-409/000-005)

**Item no.: 2002-409**

Jumper; 9-way; insulated; light gray

[www.wago.com/2002-409](http://www.wago.com/2002-409)

**Item no.: 2002-423/000-006**

Continuous jumper; from 1 to 3; insulated; blue

[www.wago.com/2002-423/000-006](http://www.wago.com/2002-423/000-006)

**Item no.: 2002-423**

Continuous jumper; from 1 to 3; insulated; light gray

[www.wago.com/2002-423](http://www.wago.com/2002-423)

**Item no.: 2002-433**

Jumper; from 1 to 3; insulated; light gray

[www.wago.com/2002-433](http://www.wago.com/2002-433)

**Item no.: 2002-434**

Jumper; from 1 to 4; insulated; light gray

[www.wago.com/2002-434](http://www.wago.com/2002-434)

**Item no.: 2002-423/000-005**

Continuous jumper; from 1 to 3; insulated; red

[www.wago.com/2002-423/000-005](http://www.wago.com/2002-423/000-005)

**Item no.: 2002-435**

Jumper; from 1 to 5; insulated; light gray

[www.wago.com/2002-435](http://www.wago.com/2002-435)

**Item no.: 2002-436**

Jumper; from 1 to 6; insulated; light gray

[www.wago.com/2002-436](http://www.wago.com/2002-436)

**Item no.: 2002-437**

Jumper; from 1 to 7; insulated; light gray

[www.wago.com/2002-437](http://www.wago.com/2002-437)

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

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|  |  |
|--|--|
| <b>Item no.: 2002-438</b><br>Jumper; from 1 to 8; insulated; light gray                          | <a href="http://www.wago.com/2002-438">www.wago.com/2002-438</a>                 |
| <b>Item no.: 2002-439</b><br>Jumper; from 1 to 9; insulated; light gray                          | <a href="http://www.wago.com/2002-439">www.wago.com/2002-439</a>                 |
| <b>Item no.: 2002-440</b><br>Jumper; from 1 to 10; insulated; light gray                         | <a href="http://www.wago.com/2002-440">www.wago.com/2002-440</a>                 |
| <b>Item no.: 2002-472</b><br>Staggered jumper; 2-way; insulated; light gray                      | <a href="http://www.wago.com/2002-472">www.wago.com/2002-472</a>                 |
| <b>Item no.: 2002-473</b><br>Staggered jumper; 3-way; insulated; light gray                      | <a href="http://www.wago.com/2002-473">www.wago.com/2002-473</a>                 |
| <b>Item no.: 2002-475/011-000</b><br>Staggered jumper; 3-way; insulated; light gray              | <a href="http://www.wago.com/2002-475/011-000">www.wago.com/2002-475/011-000</a> |
| <b>Item no.: 2002-475</b><br>Staggered jumper; 5-way; insulated; light gray                      | <a href="http://www.wago.com/2002-475">www.wago.com/2002-475</a>                 |
| <b>Item no.: 2002-476</b><br>Staggered jumper; 6-way; insulated; light gray                      | <a href="http://www.wago.com/2002-476">www.wago.com/2002-476</a>                 |
| <b>Item no.: 2002-474</b><br>Staggered jumper; 4-way; insulated; light gray                      | <a href="http://www.wago.com/2002-474">www.wago.com/2002-474</a>                 |
| <b>Item no.: 2002-477</b><br>Staggered jumper; 7-way; insulated; light gray                      | <a href="http://www.wago.com/2002-477">www.wago.com/2002-477</a>                 |
| <b>Item no.: 2002-473/011-000</b><br>Staggered jumper; 2-way; from 1 to 3; insulated; light gray | <a href="http://www.wago.com/2002-473/011-000">www.wago.com/2002-473/011-000</a> |
| <b>Item no.: 2002-479</b><br>Staggered jumper; 9-way; insulated; light gray                      | <a href="http://www.wago.com/2002-479">www.wago.com/2002-479</a>                 |
| <b>Item no.: 2002-478</b><br>Staggered jumper; 8-way; insulated; light gray                      | <a href="http://www.wago.com/2002-478">www.wago.com/2002-478</a>                 |
| <b>Item no.: 2002-479/011-000</b><br>Staggered jumper; insulated; light gray                     | <a href="http://www.wago.com/2002-479/011-000">www.wago.com/2002-479/011-000</a> |
| <b>Item no.: 2002-480</b><br>Staggered jumper; 10-way; insulated; light gray                     | <a href="http://www.wago.com/2002-480">www.wago.com/2002-480</a>                 |
| <b>Item no.: 2002-477/011-000</b><br>Staggered jumper; insulated; light gray                     | <a href="http://www.wago.com/2002-477/011-000">www.wago.com/2002-477/011-000</a> |
| <b>Item no.: 2002-481/011-000</b><br>Staggered jumper; insulated; light gray                     | <a href="http://www.wago.com/2002-481/011-000">www.wago.com/2002-481/011-000</a> |

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



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| <b>Item no.: 2002-481</b><br>Staggered jumper; 11-way; insulated; light gray         | <a href="http://www.wago.com/2002-481">www.wago.com/2002-481</a>                 |
| <b>Item no.: 2002-482</b><br>Staggered jumper; 12-way; insulated; light gray         | <a href="http://www.wago.com/2002-482">www.wago.com/2002-482</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>Item no.: 2002-424/000-006</b><br>Continuous jumper; from 1 to 4; insulated; blue | <a href="http://www.wago.com/2002-424/000-006">www.wago.com/2002-424/000-006</a> |

**Carrier rail**

## Mounting accessories

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| <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.: 210-504</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored        | <a href="http://www.wago.com/210-504">www.wago.com/210-504</a> |
| <b>Item no.: 210-505</b><br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored      | <a href="http://www.wago.com/210-505">www.wago.com/210-505</a> |
| <b>Item no.: 210-506</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored       | <a href="http://www.wago.com/210-506">www.wago.com/210-506</a> |
| <b>Item no.: 210-508</b><br>Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored         | <a href="http://www.wago.com/210-508">www.wago.com/210-508</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>   | <a href="http://www.wago.com/210-196">www.wago.com/210-196</a> |

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Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

#### 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.: 2009-198**

Adaptor; gray

[www.wago.com/2009-198](http://www.wago.com/2009-198)

**Item no.: 2002-121**

Adaptor; gray

[www.wago.com/2002-121](http://www.wago.com/2002-121)

**Item no.: 2002-161**

Adaptor; gray

[www.wago.com/2002-161](http://www.wago.com/2002-161)

##### 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)

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| <b>Item no.: 2009-145/000-005</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red | <a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a> |
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| <b>Item no.: 2009-145/000-012</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange | <a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a> |
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| <b>Item no.: 2009-145/000-023</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green | <a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a> |
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| <b>Item no.: 2009-145/000-024</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet | <a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a> |
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| <b>Item no.: 2009-115</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white | <a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a> |
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| <b>Item no.: 248-501/000-006</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue | <a href="http://www.wago.com/248-501/000-006">www.wago.com/248-501/000-006</a> |
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| <b>Item no.: 248-501/000-007</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray | <a href="http://www.wago.com/248-501/000-007">www.wago.com/248-501/000-007</a> |
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| <b>Item no.: 248-501/000-002</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow | <a href="http://www.wago.com/248-501/000-002">www.wago.com/248-501/000-002</a> |
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| <b>Item no.: 248-501/000-012</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange | <a href="http://www.wago.com/248-501/000-012">www.wago.com/248-501/000-012</a> |
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| <b>Item no.: 248-501</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white | <a href="http://www.wago.com/248-501">www.wago.com/248-501</a> |
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| <b>Item no.: 248-501/000-017</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green | <a href="http://www.wago.com/248-501/000-017">www.wago.com/248-501/000-017</a> |
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| <b>Item no.: 248-501/000-005</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red | <a href="http://www.wago.com/248-501/000-005">www.wago.com/248-501/000-005</a> |
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| <b>Item no.: 248-501/000-024</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet | <a href="http://www.wago.com/248-501/000-024">www.wago.com/248-501/000-024</a> |
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| <b>Item no.: 248-501/000-023</b><br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green | <a href="http://www.wago.com/248-501/000-023">www.wago.com/248-501/000-023</a> |
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Subject to changes. Please also observe the further product documentation!



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| <b>Item no.: 793-5501/000-007</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray        | <a href="http://www.wago.com/793-5501/000-007">www.wago.com/793-5501/000-007</a> |
| <b>Item no.: 793-5501/000-012</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange      | <a href="http://www.wago.com/793-5501/000-012">www.wago.com/793-5501/000-012</a> |
| <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; light 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; 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.: 793-5501/000-005</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red         | <a href="http://www.wago.com/793-5501/000-005">www.wago.com/793-5501/000-005</a> |
| <b>Item no.: 793-5501/000-002</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow      | <a href="http://www.wago.com/793-5501/000-002">www.wago.com/793-5501/000-002</a> |
| <b>Item no.: 793-5501/000-006</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue        | <a href="http://www.wago.com/793-5501/000-006">www.wago.com/793-5501/000-006</a> |
| <b>Item no.: 793-5501</b><br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white               | <a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a>                 |
| <b>Item no.: 2009-115/000-012</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange                   | <a href="http://www.wago.com/2009-115/000-012">www.wago.com/2009-115/000-012</a> |
| <b>Item no.: 2009-115/000-006</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue                     | <a href="http://www.wago.com/2009-115/000-006">www.wago.com/2009-115/000-006</a> |
| <b>Item no.: 2009-115/000-005</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red                      | <a href="http://www.wago.com/2009-115/000-005">www.wago.com/2009-115/000-005</a> |
| <b>Group marker carrier</b>  |  |
| <b>Item no.: 2009-193</b>  |  |

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



Group marker carrier; gray

[www.wago.com/2009-193](http://www.wago.com/2009-193)

Item no.: 2009-192

Group marker carrier; gray

[www.wago.com/2009-192](http://www.wago.com/2009-192)

Item no.: 2009-191

Group marker carrier; gray

[www.wago.com/2009-191](http://www.wago.com/2009-191)

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#### Additional Information

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## CAD/CAE-Data

### CAD data

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## Environmental Product Compliance

### Compliance Search

|  |  |     |          |
|--|--|-----|----------|
| Environmental Product Compliance 2202-1881<br>4-conductor fuse terminal block; for mini-automotive blade-style fuses; per DIN 7258-3f, ISO 8820-3; with test option; with push-button; without blown fuse indication; 2.5 mm <sup>2</sup> ; Push-in CAGE CLAMP®; 2,50 mm <sup>2</sup> ; gray |  | URL | Download |
|--|--|-----|----------|

## Installation Notes

### Conductor termination

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





All conductor types at a glance



Push-in termination of solid and ferruled conductors



Push-in termination of solid and ferruled conductors



Insert fine-stranded conductors via operating tool.



Removing all conductors via operating tool.

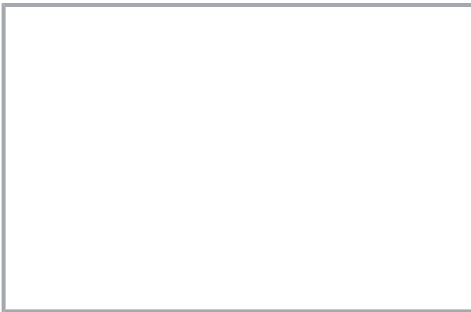
### Commoning

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

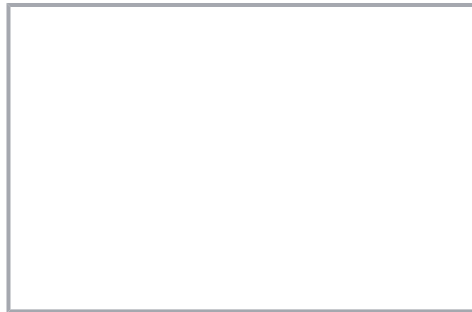


Insert a push-in type jumper bar and push down until it hits the backstop.



**Application Notes on Terminal Blocks for Glass Cartridge Fuses**

Diagram: "Individual Arrangement"



**Application Notes on Terminal Blocks for Glass Cartridge Fuses**

Diagram: "Block Arrangement"

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



### Application Notes on Terminal Blocks for Glass Cartridge Fuses

Nominal current ratings for fuse cartridges are defined differently in international standards. This is why the recommended continuous current-carrying capacity of the fuses is a max. 80% of their nominal current according to DIN 72581/Part 3 (for a surrounding air temperature of 23°C).

Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartridges will only operate perfectly as protection components (break-off point) if they are properly selected and used as intended (i.e., according to the state of the technology and valid specifications, as well as data sheet characteristics), according to basic safety requirements (i.e., persons, animals and property must be protected against hazards).

Concerning product safety, fuse cartridges must generally be tested under both normal and faulty operating conditions within your application.

### Marking



Snapping a marking strip into a marker slot.

Snapping a marking strip into the marker slot.

### Product family

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



### 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](#)

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