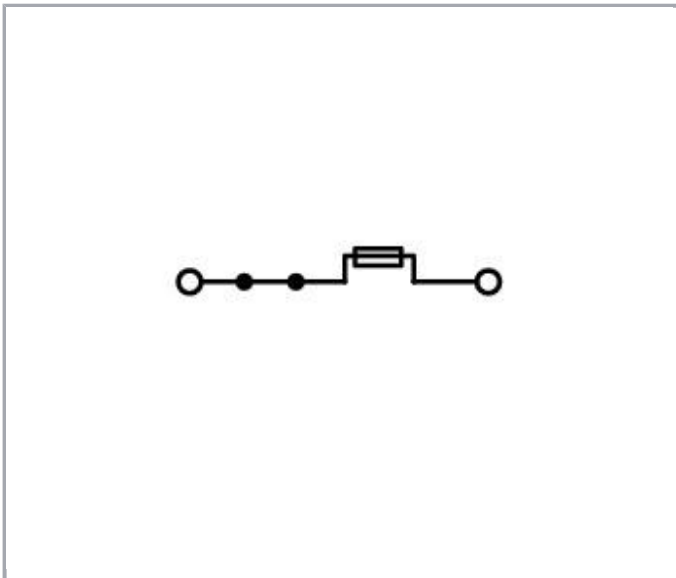
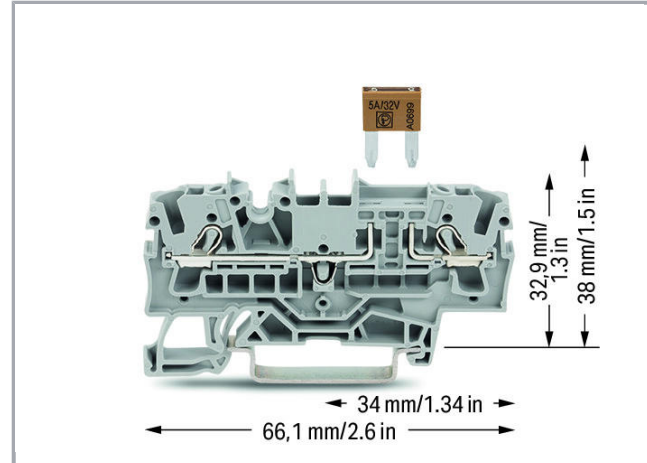
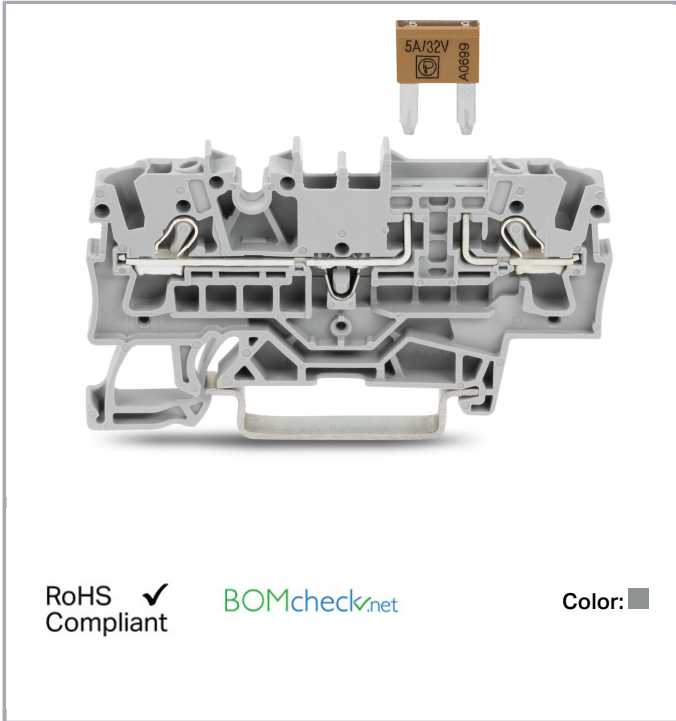


## Data sheet | Item number: 2002-1681

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

[www.wago.com/2002-1681](http://www.wago.com/2002-1681)



### Item description

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

WAGO Kontakttechnik 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.

**Safety information 1:**

Electrical ratings are given by the fuse.

**Safety information 2:**

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

**Data****Electrical data****Ratings per IEC/EN 60664-1**

| Ratings per                 | IEC/EN 60947-7-3  |
|-----------------------------|---|
| Nominal voltage (III/3)     | 400 V   |
| Rated surge voltage (III/3) | 6 kV  |
| Rated current               | 10 A  |
| Legend (ratings)            | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

**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  |
| Rated voltage UL (Use Group D) | 300 V |
| Rated current UL (Use Group D) | 10 A  |

**Approvals per CSA**

|                                 |       |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 600 V |
| Rated current CSA (Use Group B) | 6.3 A |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 6.3 A |

**Connection data**

|                                 |  |
|---------------------------------|--|
| Connection technology           | Push-in CAGE CLAMP®                        |
| Actuation type                  | Push-in<br>Open Tool Slot                  |
| 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 |

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



|  |   |
|--|---|
| 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            | 1 ... 2,5 mm <sup>2</sup> / 18 ... 14 AWG   |
| Fine-stranded conductor; with ferrule; push-in termination | 1 ... 2,5 mm <sup>2</sup> / 18 ... 14 AWG   |
| Strip length   | 10 ... 12 mm / 0.39 ... 0.47 inch   |
| Total number of connection points                          | 2   |
| Total number of potentials                                 | 2   |
| Number of levels   | 1   |
| Wiring type  | Front-entry wiring  |
| Note (conductor cross-section)                             | Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination. |
| Number of jumper slots                                     | 2   |

### Geometrical Data

|                                    |                      |
|------------------------------------|----------------------|
| Width                              | 5,2 mm / 0.205 inch  |
| Height from upper-edge of DIN-rail | 32,9 mm / 1.295 inch |
| Depth                              | 66,1 mm / 2.602 inch |

### Mechanical data

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

### Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | gray                 |
| Insulation material | Polyamide 66 (PA 66) |
| Fire load           | 0.152 MJ             |
| Weight              | 7 g                  |

### Commercial data

|                       |               |
|-----------------------|---------------|
| Product Group         | 22 (TOPJOB S) |
| Packaging type        | BOX           |
| Country of origin     | CN            |
| GTIN                  | 4045454974923 |
| Customs tariff number | 85369095990   |




### Approvals / Certificates

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




WAGO Kontakttechnik 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.


## Country specific Approvals

| Logo   | Approval                              | Additional Approval Text | Certificate name |
|--|---------------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V.       | EN 60947                 | NTR NL<br>7730   |
|  | CSA<br>DEKRA Certification B.V.       | C22.2 No. 158            | 1536069          |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947                 | 71-<br>107687    |

## Ship Approvals

| Logo  | Approval   | Additional Approval Text | Certificate name         |
|---|--|--------------------------|--------------------------|
|    | ABS<br>American Bureau of Shipping               | EN 60947                 | 20-<br>HG1941090-<br>PDA |
|   | DNV GL<br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2               |
|  | LR<br>Lloyds Register                            | EN 60947                 | 91/20112<br>(E9)         |

## UL-Approvals

| Logo   | Approval                             | Additional Approval Text | Certificate name |
|--|--------------------------------------|--------------------------|------------------|
|  | UR<br>Underwriters Laboratories Inc. | UL 1059                  | E45172           |

## Counterpart






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

WAGO Kontakttechnik 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.

## Compatible products















## Push-In type wire 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.: 2009-414/000-005</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> |
|  | <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>                 |
















## Jumper

|  |   |  |
|--|---|--|
|  | <b>Item no.: 2002-400</b><br>Adjacent jumper for continuous commoning; insulated; 2-way; Nominal current 25 A; light gray | <a href="http://www.wago.com/2002-400">www.wago.com/2002-400</a>                 |
|  | <b>Item no.: 2002-402</b><br>Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; 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>Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; red                 | <a href="http://www.wago.com/2002-402/000-005">www.wago.com/2002-402/000-005</a> |
|  | <b>Item no.: 2002-402/000-006</b><br>Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; blue                | <a href="http://www.wago.com/2002-402/000-006">www.wago.com/2002-402/000-006</a> |
|  | <b>Item no.: 2002-403</b><br>Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; light gray                  | <a href="http://www.wago.com/2002-403">www.wago.com/2002-403</a>                 |
|  | <b>Item no.: 2002-403/000-005</b><br>Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; red                 | <a href="http://www.wago.com/2002-403/000-005">www.wago.com/2002-403/000-005</a> |

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

|  |   |  |
|--|---|--|
|    | <p><b>Item no.: 2002-403/000-006</b><br/>                     Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; blue</p>           | <a href="http://www.wago.com/2002-403/000-006">www.wago.com/2002-403/000-006</a> |
|    | <p><b>Item no.: 2002-404</b><br/>                     Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; light gray</p>             | <a href="http://www.wago.com/2002-404">www.wago.com/2002-404</a>                 |
|    | <p><b>Item no.: 2002-404/000-005</b><br/>                     Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; red</p>            | <a href="http://www.wago.com/2002-404/000-005">www.wago.com/2002-404/000-005</a> |
|    | <p><b>Item no.: 2002-404/000-006</b><br/>                     Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; blue</p>           | <a href="http://www.wago.com/2002-404/000-006">www.wago.com/2002-404/000-006</a> |
|    | <p><b>Item no.: 2002-405</b><br/>                     Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; light gray</p>             | <a href="http://www.wago.com/2002-405">www.wago.com/2002-405</a>                 |
|    | <p><b>Item no.: 2002-405/000-005</b><br/>                     Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; red</p>            | <a href="http://www.wago.com/2002-405/000-005">www.wago.com/2002-405/000-005</a> |
|    | <p><b>Item no.: 2002-405/000-006</b><br/>                     Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; blue</p>           | <a href="http://www.wago.com/2002-405/000-006">www.wago.com/2002-405/000-006</a> |
|   | <p><b>Item no.: 2002-405/011-000</b><br/>                     Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block; light gray</p> | <a href="http://www.wago.com/2002-405/011-000">www.wago.com/2002-405/011-000</a> |
|  | <p><b>Item no.: 2002-406</b><br/>                     Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; light gray</p>             | <a href="http://www.wago.com/2002-406">www.wago.com/2002-406</a>                 |
|  | <p><b>Item no.: 2002-406/000-005</b><br/>                     Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; red</p>            | <a href="http://www.wago.com/2002-406/000-005">www.wago.com/2002-406/000-005</a> |
|  | <p><b>Item no.: 2002-406/000-006</b><br/>                     Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; blue</p>           | <a href="http://www.wago.com/2002-406/000-006">www.wago.com/2002-406/000-006</a> |
|  | <p><b>Item no.: 2002-406/020-000</b><br/>                     Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block; light gray</p>        | <a href="http://www.wago.com/2002-406/020-000">www.wago.com/2002-406/020-000</a> |
|  | <p><b>Item no.: 2002-407</b><br/>                     Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; light gray</p>             | <a href="http://www.wago.com/2002-407">www.wago.com/2002-407</a>                 |
|  | <p><b>Item no.: 2002-407/000-005</b><br/>                     Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; red</p>            | <a href="http://www.wago.com/2002-407/000-005">www.wago.com/2002-407/000-005</a> |

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






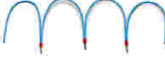







|  |   |  |
|--|---|--|
|    | <b>Item no.: 2002-407/000-006</b><br>Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; blue                        | <a href="http://www.wago.com/2002-407/000-006">www.wago.com/2002-407/000-006</a> |
|    | <b>Item no.: 2002-408</b><br>Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; light gray                          | <a href="http://www.wago.com/2002-408">www.wago.com/2002-408</a>                 |
|    | <b>Item no.: 2002-408/000-005</b><br>Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; red                         | <a href="http://www.wago.com/2002-408/000-005">www.wago.com/2002-408/000-005</a> |
|    | <b>Item no.: 2002-408/000-006</b><br>Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; blue                        | <a href="http://www.wago.com/2002-408/000-006">www.wago.com/2002-408/000-006</a> |
|    | <b>Item no.: 2002-409</b><br>Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; light gray                          | <a href="http://www.wago.com/2002-409">www.wago.com/2002-409</a>                 |
|    | <b>Item no.: 2002-409/000-005</b><br>Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; red                         | <a href="http://www.wago.com/2002-409/000-005">www.wago.com/2002-409/000-005</a> |
|    | <b>Item no.: 2002-409/000-006</b><br>Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; blue                        | <a href="http://www.wago.com/2002-409/000-006">www.wago.com/2002-409/000-006</a> |
|   | <b>Item no.: 2002-410</b><br>Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; light gray                         | <a href="http://www.wago.com/2002-410">www.wago.com/2002-410</a>                 |
|  | <b>Item no.: 2002-410/000-005</b><br>Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; red                        | <a href="http://www.wago.com/2002-410/000-005">www.wago.com/2002-410/000-005</a> |
|  | <b>Item no.: 2002-410/000-006</b><br>Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; blue                       | <a href="http://www.wago.com/2002-410/000-006">www.wago.com/2002-410/000-006</a> |
|  | <b>Item no.: 2002-423</b><br>Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; light gray   | <a href="http://www.wago.com/2002-423">www.wago.com/2002-423</a>                 |
|  | <b>Item no.: 2002-423/000-005</b><br>Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; red  | <a href="http://www.wago.com/2002-423/000-005">www.wago.com/2002-423/000-005</a> |
|  | <b>Item no.: 2002-423/000-006</b><br>Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; blue | <a href="http://www.wago.com/2002-423/000-006">www.wago.com/2002-423/000-006</a> |
|  | <b>Item no.: 2002-433</b><br>Push-in type jumper bar; insulated; from 1 to 3; Nominal current 25 A; light gray                    | <a href="http://www.wago.com/2002-433">www.wago.com/2002-433</a>                 |
|  | <b>Item no.: 2002-434</b><br>Push-in type jumper bar; insulated; from 1 to 4; Nominal current 25 A; light gray                    | <a href="http://www.wago.com/2002-434">www.wago.com/2002-434</a>                 |

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















|  |   |  |
|--|---|--|
|    | <b>Item no.: 2002-435</b><br>Push-in type jumper bar; insulated; from 1 to 5; Nominal current 25 A; light gray  | <a href="http://www.wago.com/2002-435">www.wago.com/2002-435</a>                 |
|    | <b>Item no.: 2002-436</b><br>Push-in type jumper bar; insulated; from 1 to 6; Nominal current 25 A; light gray  | <a href="http://www.wago.com/2002-436">www.wago.com/2002-436</a>                 |
|    | <b>Item no.: 2002-437</b><br>Push-in type jumper bar; insulated; from 1 to 7; Nominal current 25 A; light gray  | <a href="http://www.wago.com/2002-437">www.wago.com/2002-437</a>                 |
|    | <b>Item no.: 2002-438</b><br>Push-in type jumper bar; insulated; from 1 to 8; Nominal current 25 A; light gray  | <a href="http://www.wago.com/2002-438">www.wago.com/2002-438</a>                 |
|    | <b>Item no.: 2002-439</b><br>Push-in type jumper bar; insulated; from 1 to 9; Nominal current 25 A; light gray  | <a href="http://www.wago.com/2002-439">www.wago.com/2002-439</a>                 |
|    | <b>Item no.: 2002-440</b><br>Push-in type jumper bar; insulated; from 1 to 10; Nominal current 25 A; 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; insulated; 2-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; 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; insulated; 3-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray                             | <a href="http://www.wago.com/2002-473">www.wago.com/2002-473</a>                 |
|  | <b>Item no.: 2002-473/011-000</b><br>Ready-made staggered jumper; insulated; 2-way (1-3); Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray   | <a href="http://www.wago.com/2002-473/011-000">www.wago.com/2002-473/011-000</a> |
|  | <b>Item no.: 2002-474</b><br>Staggered jumper; insulated; 4-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray                             | <a href="http://www.wago.com/2002-474">www.wago.com/2002-474</a>                 |
|  | <b>Item no.: 2002-475</b><br>Staggered jumper; insulated; 5-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray                             | <a href="http://www.wago.com/2002-475">www.wago.com/2002-475</a>                 |
|  | <b>Item no.: 2002-475/011-000</b><br>Ready-made staggered jumper; insulated; 3-way (1-3-5); Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray | <a href="http://www.wago.com/2002-475/011-000">www.wago.com/2002-475/011-000</a> |
|  | <b>Item no.: 2002-476</b><br>Staggered jumper; insulated; 6-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray                             | <a href="http://www.wago.com/2002-476">www.wago.com/2002-476</a>                 |
|  | <b>Item no.: 2002-477</b><br>Staggered jumper; insulated; 7-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray                             | <a href="http://www.wago.com/2002-477">www.wago.com/2002-477</a>                 |
|  | <b>Item no.: 2002-477/011-000</b><br>Ready-made staggered jumper; insulated; 1-3-5-7; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray       | <a href="http://www.wago.com/2002-477/011-000">www.wago.com/2002-477/011-000</a> |
|  | <b>Item no.: 2002-478</b><br>Staggered jumper; insulated; 8-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray                             | <a href="http://www.wago.com/2002-478">www.wago.com/2002-478</a>                 |

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


















|  |  |  |
|--|--|--|
|    | <b>Item no.: 2002-479</b><br>Staggered jumper; insulated; 9-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray                            | <a href="http://www.wago.com/2002-479">www.wago.com/2002-479</a>                 |
|  | <b>Item no.: 2002-479/011-000</b><br>Ready-made staggered jumper; insulated; 1-3-5-7-9; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; 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; insulated; 10-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray                           | <a href="http://www.wago.com/2002-480">www.wago.com/2002-480</a>                 |
|    | <b>Item no.: 2002-481</b><br>Staggered jumper; insulated; 11-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray                           | <a href="http://www.wago.com/2002-481">www.wago.com/2002-481</a>                 |
|  | <b>Item no.: 2002-481/011-000</b><br>Ready-made staggered jumper; insulated; 1-3-5-7-9-11; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray | <a href="http://www.wago.com/2002-481/011-000">www.wago.com/2002-481/011-000</a> |
|    | <b>Item no.: 2002-482</b><br>Staggered jumper; insulated; 12-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; 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.: 210-123</b><br>Wire commoning chain; insulated; blue  | <a href="http://www.wago.com/210-123">www.wago.com/210-123</a>                   |
| <b>Marking accessories</b>   |  |  |
|  | <b>Item no.: 2002-121</b><br>Adaptor   | <a href="http://www.wago.com/2002-121">www.wago.com/2002-121</a>                 |
|  | <b>Item no.: 2002-161</b><br>Adaptor   | <a href="http://www.wago.com/2002-161">www.wago.com/2002-161</a>                 |
|  | <b>Item no.: 2009-110</b><br>Marking strips; on reel; not stretchable; plain; snap-on type; white  | <a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>                 |
|  | <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>                 |
|  | <b>Item no.: 2009-115/000-002</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow   | <a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</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>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> |














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

|  |   |  |
|--|---|--|
|   | <b>Item no.: 2009-115/000-007</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray        | <a href="http://www.wago.com/2009-115/000-007">www.wago.com/2009-115/000-007</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.: 2009-115/000-017</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green | <a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a> |
|   | <b>Item no.: 2009-115/000-023</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green       | <a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a> |
|   | <b>Item no.: 2009-115/000-024</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet      | <a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a> |
|    | <b>Item no.: 2009-145</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white          | <a href="http://www.wago.com/2009-145">www.wago.com/2009-145</a>                 |
|    | <b>Item no.: 2009-145/000-002</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow | <a href="http://www.wago.com/2009-145/000-002">www.wago.com/2009-145/000-002</a> |
|  | <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> |
|  | <b>Item no.: 2009-145/000-006</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue   | <a href="http://www.wago.com/2009-145/000-006">www.wago.com/2009-145/000-006</a> |
|  | <b>Item no.: 2009-145/000-007</b><br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray   | <a href="http://www.wago.com/2009-145/000-007">www.wago.com/2009-145/000-007</a> |
|  | <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> |
|  | <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> |
|  | <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> |
|  | <b>Item no.: 2009-191</b><br>Group marker carrier   | <a href="http://www.wago.com/2009-191">www.wago.com/2009-191</a>                 |

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

|  |  |  |
|--|--|--|
|    | <b>Item no.: 2009-192</b><br>Group marker carrier  | <a href="http://www.wago.com/2009-192">www.wago.com/2009-192</a>               |
|    | <b>Item no.: 2009-193</b><br>Group marker carrier  | <a href="http://www.wago.com/2009-193">www.wago.com/2009-193</a>               |
|    | <b>Item no.: 2009-198</b><br>Adaptor   | <a href="http://www.wago.com/2009-198">www.wago.com/2009-198</a>               |
|    | <b>Item no.: 248-501</b><br>Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card | <a href="http://www.wago.com/248-501">www.wago.com/248-501</a>                 |
|    | <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> |
|    | <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> |
|    | <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> |
|    | <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> |
|  | <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> |
|  | <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> |
|  | <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> |
|  | <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> |
|  | <b>Item no.: 793-501</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; white                           | <a href="http://www.wago.com/793-501">www.wago.com/793-501</a>                 |
|  | <b>Item no.: 793-501/000-002</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; yellow                  | <a href="http://www.wago.com/793-501/000-002">www.wago.com/793-501/000-002</a> |
|  | <b>Item no.: 793-501/000-005</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; red                     | <a href="http://www.wago.com/793-501/000-005">www.wago.com/793-501/000-005</a> |

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

|  |   |  |
|--|---|--|
|    | <b>Item no.: 793-501/000-006</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; blue   | <a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a>   |
|    | <b>Item no.: 793-501/000-007</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; gray   | <a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a>   |
|    | <b>Item no.: 793-501/000-012</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; orange   | <a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a>   |
|    | <b>Item no.: 793-501/000-017</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; light green  | <a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a>   |
|    | <b>Item no.: 793-501/000-023</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; green  | <a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a>   |
|    | <b>Item no.: 793-501/000-024</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; violet   | <a href="http://www.wago.com/793-501/000-024">www.wago.com/793-501/000-024</a>   |
|   | <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.: 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.: 793-5501/000-005</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.: 793-5501/000-006</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.: 793-5501/000-007</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>   |  |

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



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

[www.wago.com/793-5501/000-017](http://www.wago.com/793-5501/000-017)



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

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

[www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)



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

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

[www.wago.com/793-5501/000-024](http://www.wago.com/793-5501/000-024)

#### Insulation stop



**Item no.: 2002-171**

Insulation stop; 0.25 - 0.5 mm<sup>2</sup>; 5 pieces/strip; light gray

[www.wago.com/2002-171](http://www.wago.com/2002-171)



**Item no.: 2002-172**

Insulation stop; 0.75 - 1 mm<sup>2</sup>; 5 pieces/strip; dark gray

[www.wago.com/2002-172](http://www.wago.com/2002-172)

#### tools



**Item no.: 210-658**

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

[www.wago.com/210-658](http://www.wago.com/210-658)



**Item no.: 210-720**

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

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

#### check



**Item no.: 2002-511**

Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2002-511](http://www.wago.com/2002-511)



**Item no.: 2002-549**

Spacer module; modular; e.g., for bridging commoned terminal blocks; gray

[www.wago.com/2002-549](http://www.wago.com/2002-549)



**Item no.: 2002-552**

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

[www.wago.com/2002-552](http://www.wago.com/2002-552)



**Item no.: 2002-553**

Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2002-553](http://www.wago.com/2002-553)



**Item no.: 2002-554**

Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2002-554](http://www.wago.com/2002-554)



**Item no.: 2002-555**

Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2002-555](http://www.wago.com/2002-555)



**Item no.: 2002-556**

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

[www.wago.com/2002-556](http://www.wago.com/2002-556)



**Item no.: 2002-557**

Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2002-557](http://www.wago.com/2002-557)



**Item no.: 2002-558**

Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 2,50 mm<sup>2</sup>; gray

[www.wago.com/2002-558](http://www.wago.com/2002-558)

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

WAGO Kontakttechnik 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.: 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.: 2002-560</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.: 2002-611</b><br>TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm <sup>2</sup> ; gray  | <a href="http://www.wago.com/2002-611">www.wago.com/2002-611</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.: 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.: 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>   |
| <b>Protective Warning Marker</b>   |  |  |
|    | <b>Item no.: 2002-115</b><br>Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow   | <a href="http://www.wago.com/2002-115">www.wago.com/2002-115</a> |
| <b>ferrule</b>   |  |  |
|   | <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>Item no.: 216-244</b><br>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.: 216-246</b><br>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.: 216-262</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/216-262">www.wago.com/216-262</a>   |
|  | <b>Item no.: 216-263</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/216-263">www.wago.com/216-263</a>   |
|  | <b>Item no.: 216-264</b><br>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>   |

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



**Item no.: 216-266**

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

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

**Carrier rail**



**Item no.: 210-112**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm

[www.wago.com/210-112](http://www.wago.com/210-112)



**Item no.: 210-113**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715

[www.wago.com/210-113](http://www.wago.com/210-113)



**Item no.: 210-114**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715

[www.wago.com/210-114](http://www.wago.com/210-114)



**Item no.: 210-115**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm

[www.wago.com/210-115](http://www.wago.com/210-115)



**Item no.: 210-118**

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715

[www.wago.com/210-118](http://www.wago.com/210-118)



**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)



**Item no.: 210-197**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715

[www.wago.com/210-197](http://www.wago.com/210-197)



**Item no.: 210-198**

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

[www.wago.com/210-198](http://www.wago.com/210-198)



**Item no.: 210-504**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715

[www.wago.com/210-504](http://www.wago.com/210-504)



**Item no.: 210-505**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715

[www.wago.com/210-505](http://www.wago.com/210-505)



**Item no.: 210-506**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715

[www.wago.com/210-506](http://www.wago.com/210-506)



**Item no.: 210-508**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715

[www.wago.com/210-508](http://www.wago.com/210-508)

**Downloads**

**Documentation**

**Bid Text**

|                   |              |         |          |
|-------------------|--------------|---------|----------|
| 2002-1681         | Apr 23, 2019 | docx    | Download |
| GAEB docx - Datei |              | 16.1 kB |          |
| 2002-1681         | Apr 29, 2019 | xml     | Download |

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

WAGO Kontakttechnik 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.

## CAD/CAE-Data

### CAD data

2D/3D Models 2002-1681

[URL](#)

[Download](#)

### CAE data

EPLAN Data Portal 2002-1681

[URL](#)

[Download](#)

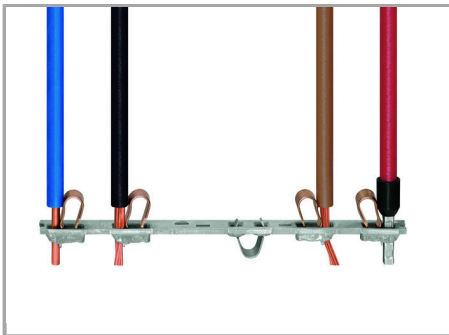
WSCAD Universe 2002-1681

[URL](#)

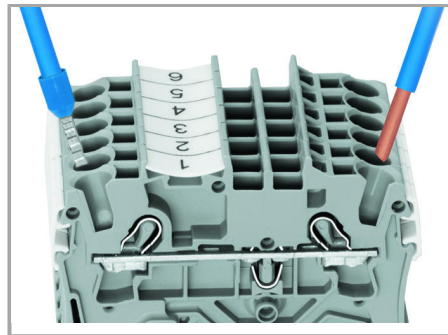
[Download](#)

## Installation Notes

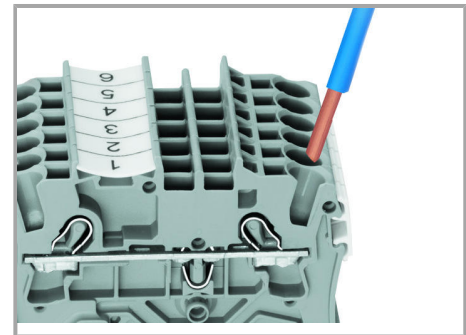
### Conductor termination



All conductor types at a glance



Terminating solid and ferruled conductors via push-in connection.



Inserting conductors via push-in termination.

**Solid conductors** with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.

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





Inserting a conductor via operating tool.



Conductor termination – Insulation stop.

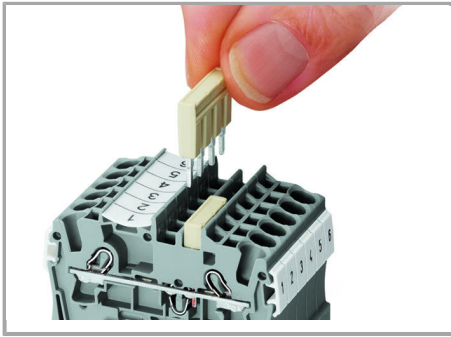
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.

**The smart feature:**

To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.

**Commoning**

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



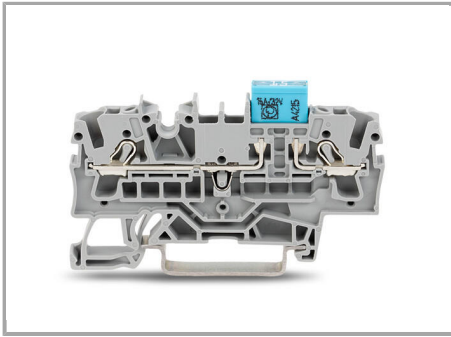
The push-in type jumper bar system is based on the common plug and socket principle. Each terminal block is spring-loaded with a double socket and a resilient CrNi steel spring. The jumper contact material is pure electrolytic copper, which allows for an extremely small design capable of carrying the full-rated current of the terminal block. Ground terminal blocks can also be commoned using the same jumper system. Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).

#### Removing a push-in type jumper bar.

Insert the operating tool between the jumper and the partition wall of the dual jumper slots, then lift up the jumper.

Place the operating tool in the center of jumpers up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

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



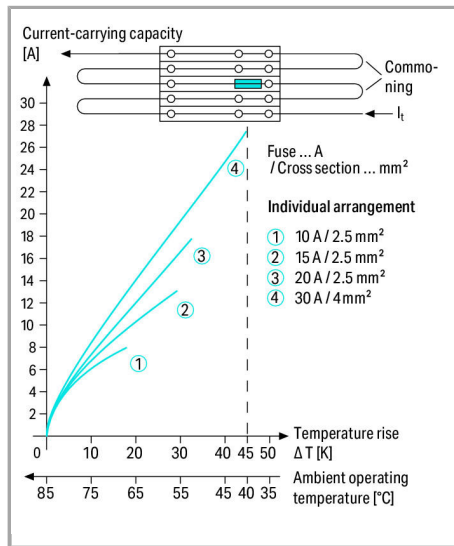
Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartridges can operate perfectly as protection (break-off point) if they are properly selected and used according to manufacturer specifications.

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).

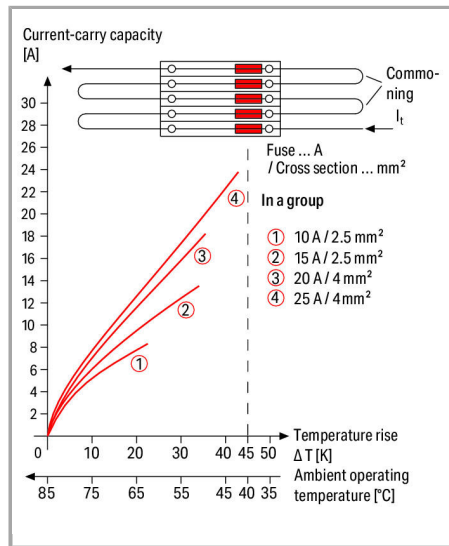
**With regard to product safety, fuse cartridges must generally be tested both under normal and faulty operating conditions within your application.**

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



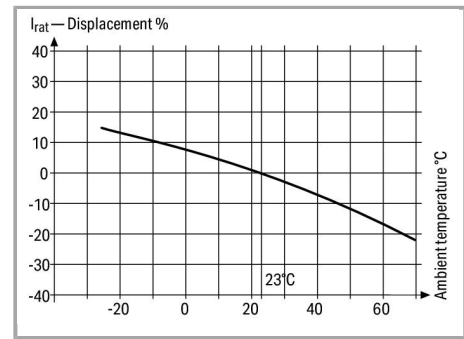
**Application Notes on Terminal Blocks for Miniature Metric Fuses**

Diagram: Individual arrangement



**Application Notes on Terminal Blocks for Miniature Metric Fuses**

Diagram: Block arrangement



**Application Notes on Terminal Blocks for Miniature Metric 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 max. 80 % of their nominal current according to DIN 72581/Part 3 (for an ambient operating 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).

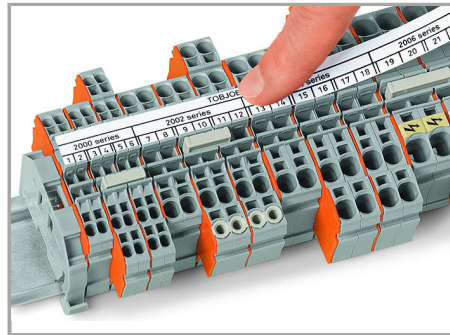
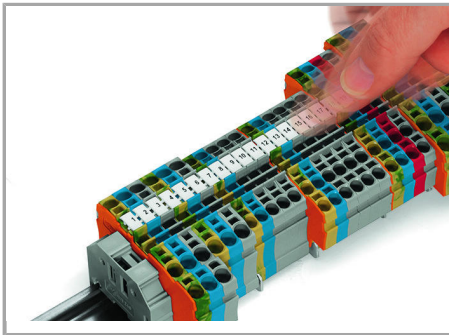
Subject to changes. Please also observe the further product documentation!

**Information from the mini-automotive, blade-type fuse manufacturers**

| Derating<br>$T_{amb}$ /°C | %   | $F_T$ |
|---------------------------|-----|-------|
| -25                       | 14  | 0.877 |
| -20                       | 13  | 0.885 |
| -15                       | 12  | 0.893 |
| -10                       | 11  | 0.901 |
| - 5                       | 10  | 0.909 |
| 0                         | 9   | 0.917 |
| 5                         | 8   | 0.926 |
| 10                        | 6   | 0.943 |
| 15                        | 4   | 0.962 |
| 20                        | 2   | 0.980 |
| 23                        | 0   | 1.000 |
| 30                        | - 2 | 1.020 |
| 35                        | - 4 | 1.042 |
| 40                        | - 6 | 1.064 |
| 45                        | - 8 | 1.087 |
| 50                        | -10 | 1.111 |
| 55                        | -13 | 1.149 |
| 60                        | -16 | 1.190 |
| 65                        | -19 | 1.235 |
| 70                        | -22 | 1.282 |

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

**Marking**



Snapping WMB Inline markers into marker slots.

**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!

WAGO Kontakttechnik 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.