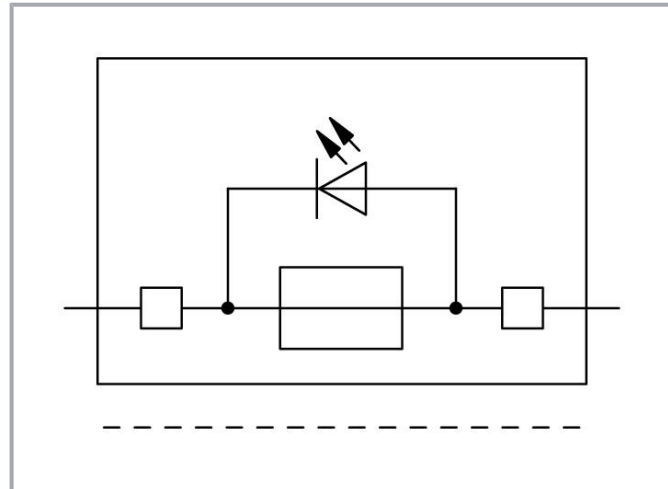
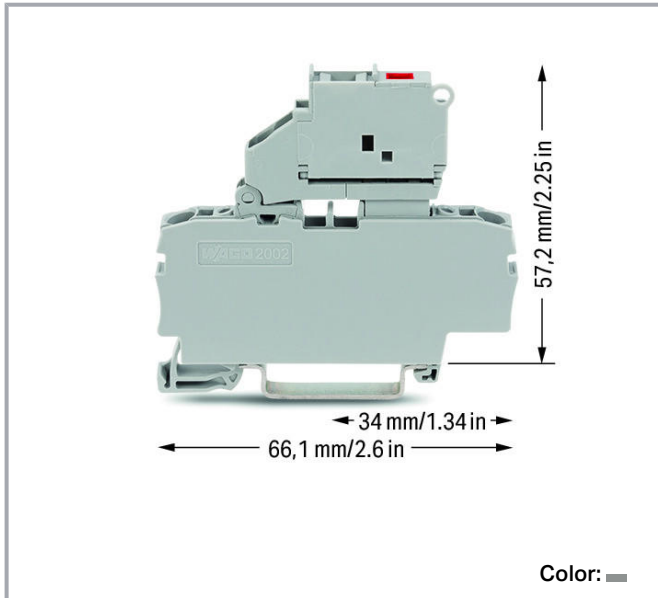


## Data sheet | Item number: 2002-1611/1000-836

2-conductor fuse terminal block; with pivoting fuse holder; with end plate; for 5 x 20 mm miniature metric fuse; with blown fuse indication by LED; 230 V; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray



[www.wago.com/2002-1611\\_1000-836](http://www.wago.com/2002-1611_1000-836)



## Data

### Electrical data

|                                       |  |
|---------------------------------------|--|
| Fuse receptacle                       | pivoting   |
| Fuse type                             | Cylindrical fuse; 5 x 20 mm  |
| Power loss (max.) $P_{I(max)}$ (note) | When selecting glass cartridge fuses, make sure that the maximum power loss listed below is not exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal block must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers. |
| Power loss $P_{I(max)}$               | 1.6 W  |
| Power loss $P_{I(note)}$              | Overload and short circuit protection (Individual arrangement)   |
| Power loss $P_{I2(max)}$              | 1.6 W  |
| Power loss $P_{I2(note)}$             | Overload and short circuit protection (Group arrangement)  |
| Power loss $P_{I3(max)}$              | 2.5 W  |

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

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|                                    |  |
|------------------------------------|--|
| Power loss P <sub>I</sub> 3 (note) | Short circuit protection only (Individual arrangement) |
| Power loss P <sub>I</sub> 4 (max)  | 2.5 W  |
| Power loss P <sub>I</sub> 4 (note) | Short circuit protection only (Group arrangement)      |

### Ratings per IEC/EN

|                             |   |
|-----------------------------|---|
| Ratings per                 | IEC/EN 60947-7-3  |
| Ratings (note)              | Electrical ratings are given by the fuse and blown fuse indication. |
| Nominal voltage (III/3)     | 250 V   |
| Rated surge voltage (III/3) | 6 kV  |
| Rated current               | 6.3 A   |
| Rated current (note)        | Leakage current in case of a blown fuse: LED 2 mA                   |
| Operation status indicator  | 230 V   |
| Legend (ratings)            | (III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3   |

### Ratings per UL

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 1059 |
| Rated voltage UL (Use Group B) | 250 V   |
| Rated current UL (Use Group B) | 10 A    |
| Rated voltage UL (Use Group C) | 250 V   |
| Rated current UL (Use Group C) | 10 A    |
| Rated voltage UL (Use Group D) | 250 V   |
| Rated current UL (Use Group D) | 10 A    |

### Ratings per CSA

|                                 |              |
|---------------------------------|--------------|
| Approvals per                   | C22.2 No 158 |
| Rated current CSA (Use Group B) | 10 A         |
| Rated current CSA (Use Group C) | 10 A         |

### Ex information

|                            |  |
|----------------------------|--|
| Ratings per                | ATEX: KIWA 17 ATEX 0030 U / IECEx: KIWA 17.0014U (Ex ec IIC Gc)                |
| Rated voltage EN (Ex e II) | 230 V  |
| Rated current (Ex e II)    | 6.3 A  |
| Ratings (note)             | See Downloads – Documentation – Additional Information: Technical explanations |

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## Connection data

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

## Connection 1

|  |   |
|--|---|
| Connection technology                                      | Push-in CAGE CLAMP®   |
| Actuation type   | Push-in<br>Operating tool   |
| 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 inch   |
| Wiring direction   | Front-entry wiring  |

## Physical data

|                                   |                      |
|-----------------------------------|----------------------|
| Width                             | 6.2 mm / 0.244 inch  |
| Height                            | 66.1 mm / 2.602 inch |
| Depth from upper edge of DIN-rail | 57.2 mm / 2.252 inch |

## Mechanical data

|                   |                            |
|-------------------|----------------------------|
| Design            | horizontal type            |
| Mounting type     | DIN-35 rail                |
| Marking level     | Center/side marking        |
| Art der Sicherung | Cylindrical fuse 5 x 20 mm |

## Material data

|                       |  |
|-----------------------|--|
| Note on material data | <a href="#">Information on material data can be found here</a> |
|-----------------------|--|

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





|                             |                  |
|-----------------------------|------------------|
| Color                       | gray             |
| Insulation material         | Polyamide (PA66) |
| Flammability class per UL94 | V0               |
| Fire load                   | 0.282 MJ         |
| Weight                      | 13.7 g           |

### Commercial data


|                       |               |
|-----------------------|---------------|
| Product Group         | 22 (TOPJOB S) |
| PU (SPU)              | 50 Stück      |
| Packaging type        | box           |
| Country of origin     | CN            |
| GTIN                  | 4045454790042 |
| Customs tariff number | 85369095000   |

### Approvals / Certificates

#### Ex-Approvals

| Logo   | Approval                                     | Additional Approval Text | Certificate name                        |
|--|--|--------------------------|---|
|   | <b>AEx</b><br>Underwriters Laboratories Inc. | UL 60079                 | E185892 (AEx eb IIC<br>resp. Ex eb IIC) |
|  | <b>ATEX</b><br>KIWA Netherlands B.V.         | EN 60079                 | KIWA 17ATEX0030<br>U                    |
|  | <b>CCCEX</b><br>CQST/CNEx                    | CNCA-C23-01              | 2020312313000180                        |
|  | <b>IECEX</b><br>KIWA Netherlands B.V.        | EN 60079                 | IECEX KIWA 17.0014<br>U (Ex ec IIC Gc)  |

#### Country specific Approvals

| Logo   | Approval                               | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | <b>CCA</b><br>DEKRA Certification B.V. | EN 60947                 | 71-<br>107687    |

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




CCA  
DEKRA Certification B.V.


EN 60947

NTR NL  
7730

### Ship Approvals

| Logo   | Approval  | Additional Approval Text | Certificate name         |
|--|---|--------------------------|--------------------------|
|  | <b>ABS</b><br>American Bureau of Shipping               | EN 60947                 | 20-<br>HG1941090-<br>PDA |
|  | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -                        | TAE00001V2               |

### UL-Approvals

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

### Optional accessories



#### Insulation stop

| Insulation stop   |  |  |
|---|--|--|
| <b>Item no.: 2002-171</b><br>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><br>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> |

#### Protective warning marker

| Cover  |  |  |
|--|--|--|
| <b>Item no.: 2002-115</b><br>Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow |  | <a href="http://www.wago.com/2002-115">www.wago.com/2002-115</a> |

#### Ferrule

| Ferrule  |  |  |
|--|--|--|
|  <b>Item no.: 216-241</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white |  | <a href="http://www.wago.com/216-241">www.wago.com/216-241</a> |
|  <b>Item no.: 216-242</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray |  | <a href="http://www.wago.com/216-242">www.wago.com/216-242</a> |

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

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|   |  |  |
|---|--|--|
|  | <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.: 216-263</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.: 216-246</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.: 216-266</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/216-266">www.wago.com/216-266</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> |
|  | <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> |

## Mounting

### Mounting accessories



**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)



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

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

## Locking levers

### Locking device



**Item no.: 210-254**  
Interlocking link; mechanically locks multiple links; 1 m long; transparent

[www.wago.com/210-254](http://www.wago.com/210-254)

## Testing and measuring

### Testing accessories



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

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

## Carrier rail












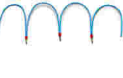



### Mounting accessories




















**Item no.: 210-197**  
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

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

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

|  |  |  |
|--|--|--|
|    | <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><br>Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored               | <a href="http://www.wago.com/210-196">www.wago.com/210-196</a>                   |
| <b>Jumpers</b>   |  |  |
| 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.: 2004-403</b><br>Jumper; 3-way; insulated; light gray  | <a href="http://www.wago.com/2004-403">www.wago.com/2004-403</a>                 |
|   | <b>Item no.: 2004-406</b><br>Jumper; 6-way; insulated; light gray  | <a href="http://www.wago.com/2004-406">www.wago.com/2004-406</a>                 |
|   | <b>Item no.: 2004-405/011-000</b><br>Star point jumper; 3-way; insulated; light gray   | <a href="http://www.wago.com/2004-405/011-000">www.wago.com/2004-405/011-000</a> |

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

|  |  |  |
|--|--|--|
|    | <b>Item no.: 2004-402</b><br>Jumper; 2-way; insulated; light gray        | <a href="http://www.wago.com/2004-402">www.wago.com/2004-402</a>                 |
|    | <b>Item no.: 2004-407</b><br>Jumper; 7-way; insulated; light gray        | <a href="http://www.wago.com/2004-407">www.wago.com/2004-407</a>                 |
|    | <b>Item no.: 2004-408</b><br>Jumper; 8-way; insulated; light gray        | <a href="http://www.wago.com/2004-408">www.wago.com/2004-408</a>                 |
|    | <b>Item no.: 2004-404</b><br>Jumper; 4-way; insulated; light gray        | <a href="http://www.wago.com/2004-404">www.wago.com/2004-404</a>                 |
|    | <b>Item no.: 2004-405</b><br>Jumper; 5-way; insulated; light gray        | <a href="http://www.wago.com/2004-405">www.wago.com/2004-405</a>                 |
|    | <b>Item no.: 2004-409</b><br>Jumper; 9-way; insulated; light gray        | <a href="http://www.wago.com/2004-409">www.wago.com/2004-409</a>                 |
|    | <b>Item no.: 2004-433</b><br>Jumper; from 1 to 3; insulated; light gray  | <a href="http://www.wago.com/2004-433">www.wago.com/2004-433</a>                 |
|    | <b>Item no.: 2004-436</b><br>Jumper; from 1 to 6; insulated; light gray  | <a href="http://www.wago.com/2004-436">www.wago.com/2004-436</a>                 |
|    | <b>Item no.: 2004-410</b><br>Jumper; 10-way; insulated; light gray       | <a href="http://www.wago.com/2004-410">www.wago.com/2004-410</a>                 |
|   | <b>Item no.: 2004-406/020-000</b><br>Delta jumper; insulated; light gray | <a href="http://www.wago.com/2004-406/020-000">www.wago.com/2004-406/020-000</a> |
|  | <b>Item no.: 2004-438</b><br>Jumper; from 1 to 8; insulated; light gray  | <a href="http://www.wago.com/2004-438">www.wago.com/2004-438</a>                 |
|  | <b>Item no.: 2004-440</b><br>Jumper; from 1 to 10; insulated; light gray | <a href="http://www.wago.com/2004-440">www.wago.com/2004-440</a>                 |
|  | <b>Item no.: 2004-435</b><br>Jumper; from 1 to 5; insulated; light gray  | <a href="http://www.wago.com/2004-435">www.wago.com/2004-435</a>                 |
|  | <b>Item no.: 2004-437</b><br>Jumper; from 1 to 7; insulated; light gray  | <a href="http://www.wago.com/2004-437">www.wago.com/2004-437</a>                 |
|  | <b>Item no.: 2004-439</b><br>Jumper; from 1 to 9; insulated; light gray  | <a href="http://www.wago.com/2004-439">www.wago.com/2004-439</a>                 |
|  | <b>Item no.: 2004-434</b><br>Jumper; from 1 to 4; insulated; light gray  | <a href="http://www.wago.com/2004-434">www.wago.com/2004-434</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>End plate</b>   |  |  |
| End plate  |  |  |

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





**Item no.: 209-191**  
Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide; orange

[www.wago.com/209-191](http://www.wago.com/209-191)

**Item no.: 2002-991**  
End plate for fuse terminal blocks; 2 mm thick; gray

[www.wago.com/2002-991](http://www.wago.com/2002-991)



**Item no.: 2002-992**  
End plate for fuse terminal blocks; 2 mm thick; orange

[www.wago.com/2002-992](http://www.wago.com/2002-992)

**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



**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)

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

|  |   |   |
|--|---|---|
|  | <p><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</p>    | <p><a href="http://www.wago.com/2009-145/000-005">www.wago.com/2009-145/000-005</a></p> |
|  | <p><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</p> | <p><a href="http://www.wago.com/2009-145/000-012">www.wago.com/2009-145/000-012</a></p> |
|  | <p><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</p>  | <p><a href="http://www.wago.com/2009-145/000-023">www.wago.com/2009-145/000-023</a></p> |
|  | <p><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</p> | <p><a href="http://www.wago.com/2009-145/000-024">www.wago.com/2009-145/000-024</a></p> |
|    | <p><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</p>               | <p><a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a></p>                 |
|    | <p><b>Item no.: 248-501/000-006</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue</p>                                    | <p><a href="http://www.wago.com/248-501/000-006">www.wago.com/248-501/000-006</a></p>   |
|   | <p><b>Item no.: 248-501/000-007</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray</p>                                    | <p><a href="http://www.wago.com/248-501/000-007">www.wago.com/248-501/000-007</a></p>   |
|  | <p><b>Item no.: 248-501/000-002</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow</p>                                  | <p><a href="http://www.wago.com/248-501/000-002">www.wago.com/248-501/000-002</a></p>   |
|  | <p><b>Item no.: 248-501/000-012</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange</p>                                  | <p><a href="http://www.wago.com/248-501/000-012">www.wago.com/248-501/000-012</a></p>   |
|  | <p><b>Item no.: 248-501</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white</p>   | <p><a href="http://www.wago.com/248-501">www.wago.com/248-501</a></p>                   |
|  | <p><b>Item no.: 248-501/000-017</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green</p>                             | <p><a href="http://www.wago.com/248-501/000-017">www.wago.com/248-501/000-017</a></p>   |
|  | <p><b>Item no.: 248-501/000-005</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red</p>                                     | <p><a href="http://www.wago.com/248-501/000-005">www.wago.com/248-501/000-005</a></p>   |
|  | <p><b>Item no.: 248-501/000-024</b><br/>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet</p>                                  | <p><a href="http://www.wago.com/248-501/000-024">www.wago.com/248-501/000-024</a></p>   |

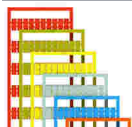
Subject to changes. Please also observe the further product documentation!



Item no.: 248-501/000-023

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

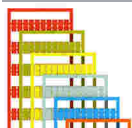
[www.wago.com/248-501/000-023](http://www.wago.com/248-501/000-023)



Item no.: 793-5501/000-007

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

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



Item no.: 793-5501/000-012

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

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



Item no.: 793-5501/000-014

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

[www.wago.com/793-5501/000-014](http://www.wago.com/793-5501/000-014)



Item no.: 793-5501/000-017

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

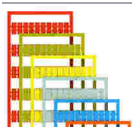
[www.wago.com/793-5501/000-017](http://www.wago.com/793-5501/000-017)



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

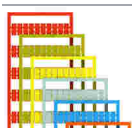
[www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)



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

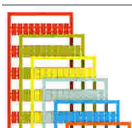
[www.wago.com/793-5501/000-024](http://www.wago.com/793-5501/000-024)



Item no.: 793-501/000-002

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

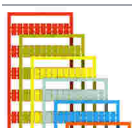
[www.wago.com/793-501/000-002](http://www.wago.com/793-501/000-002)



Item no.: 793-501/000-007

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

[www.wago.com/793-501/000-007](http://www.wago.com/793-501/000-007)



Item no.: 793-501/000-017

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

[www.wago.com/793-501/000-017](http://www.wago.com/793-501/000-017)

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

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Do you have any questions about our products?

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



**Item no.: 793-501/000-012**  
WMB marking card; as card; not stretchable; plain; snap-on type; orange

[www.wago.com/793-501/000-012](http://www.wago.com/793-501/000-012)



**Item no.: 793-501/000-023**  
WMB marking card; as card; not stretchable; plain; snap-on type; green

[www.wago.com/793-501/000-023](http://www.wago.com/793-501/000-023)



**Item no.: 793-501/000-006**  
WMB marking card; as card; not stretchable; plain; snap-on type; blue

[www.wago.com/793-501/000-006](http://www.wago.com/793-501/000-006)



**Item no.: 793-501/000-005**  
WMB marking card; as card; not stretchable; plain; snap-on type; red

[www.wago.com/793-501/000-005](http://www.wago.com/793-501/000-005)



**Item no.: 793-501**  
WMB marking card; as card; not stretchable; plain; snap-on type; white

[www.wago.com/793-501](http://www.wago.com/793-501)



**Item no.: 793-501/000-024**  
WMB marking card; as card; not stretchable; plain; snap-on type; violet

[www.wago.com/793-501/000-024](http://www.wago.com/793-501/000-024)



**Item no.: 793-5501/000-005**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red

[www.wago.com/793-5501/000-005](http://www.wago.com/793-5501/000-005)



**Item no.: 793-5501/000-002**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

[www.wago.com/793-5501/000-002](http://www.wago.com/793-5501/000-002)



**Item no.: 793-5501/000-006**  
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue

[www.wago.com/793-5501/000-006](http://www.wago.com/793-5501/000-006)

**Item no.: 793-5501**

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


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




**Item no.: 2009-115/000-012**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



[www.wago.com/2009-115/000-012](http://www.wago.com/2009-115/000-012)

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

 **Item no.: 2009-115/000-006**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue [www.wago.com/2009-115/000-006](http://www.wago.com/2009-115/000-006)

 **Item no.: 2009-115/000-005**  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red [www.wago.com/2009-115/000-005](http://www.wago.com/2009-115/000-005)

**Tool**

|   |   |  |  |
|---|---|--|--|
| Operating tool  |   |  |  |
|  | <b>Item no.: 210-658</b><br>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><br>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> |  |

**Downloads**

**Documentation**

**Bid Text**

|                                    |             |                 |          |
|------------------------------------|-------------|-----------------|----------|
| 2002-1611/1000-836<br>X81 - Datei  | 2019 Apr 29 | xml<br>4.4 kB   | Download |
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**Additional Information**

|   |  |               |          |
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| Technical Section<br>Technical explanations |  | pdf<br>2.2 MB | Download |
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**CAD/CAE-Data**

**CAD data**

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**CAE data**

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2002-1611/1000-836

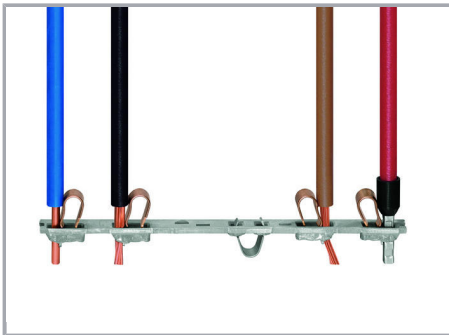
[URL](#)

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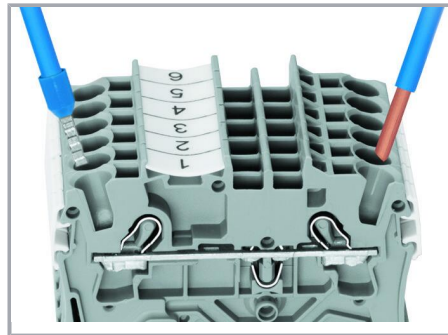
2-conductor fuse terminal block; with pivoting fuse holder; with end plate; for 5 x 20 mm miniature metric fuse; with blown fuse indication by LED; 230 V; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm<sup>2</sup>; Push-in CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

## Installation Notes

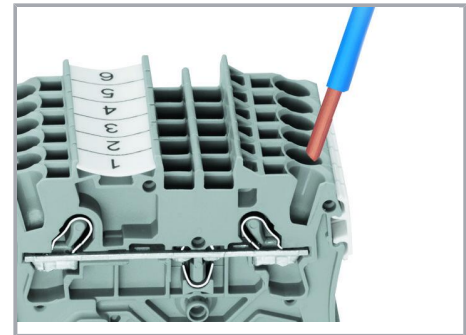
### Conductor termination



All conductor types at a glance



Push-in termination of solid and ferruled conductors



Inserting a conductor 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**

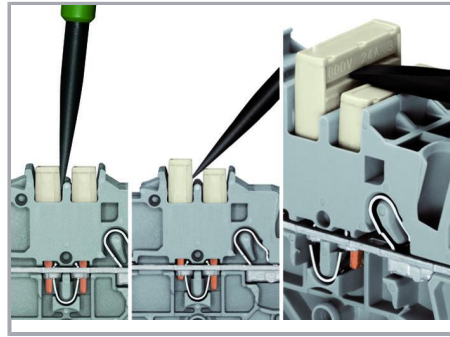
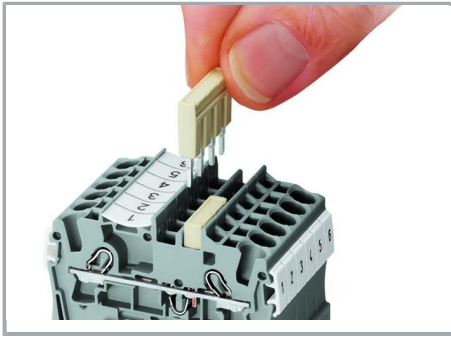
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.

**Advantage:**

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!

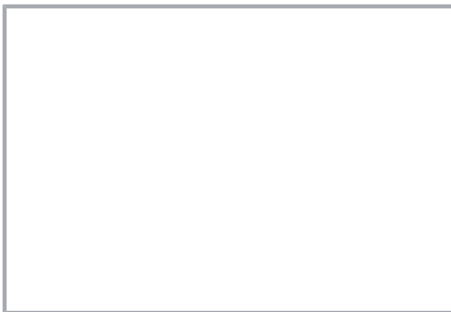


The push-in type jumper bar system is based on the common plug and socket principle. Each terminal block is spring-loaded with a double socket and a resilient CrNi steel spring. The jumper contact material is pure electrolytic copper, which allows for an extremely small design capable of carrying the 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 partition wall of the dual jumper slots, then lift up the jumper.

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



Fuse terminal blocks with a width of 6.2 mm /0.244 in can be assembled adjacently. If there is no adjacent fuse terminal block at the end of the assembly, an end plate must be used.

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





Fused Disconnect Terminal Block with a Pivoting Fuse Holder

Pivot the fuse holder into the locked open position.



Fused disconnect terminal block with a pivoting fuse holder

Fuse replacement



---

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).

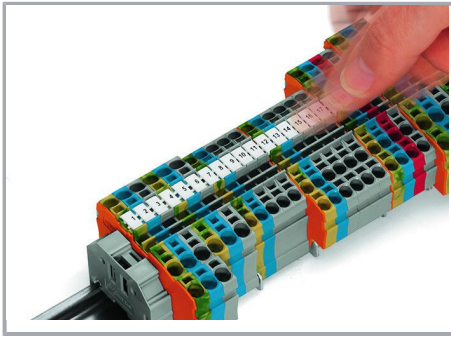
Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartridges will only operate perfectly as protection components (break-off point) if they are properly selected and used as intended (i.e., according 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

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



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!