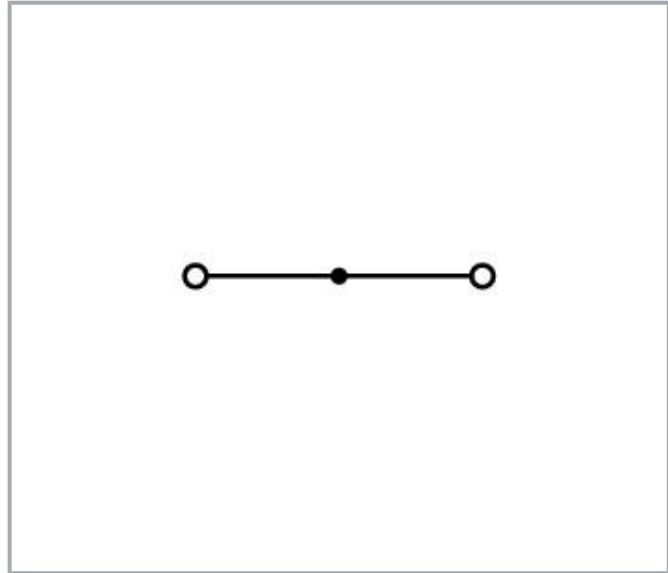
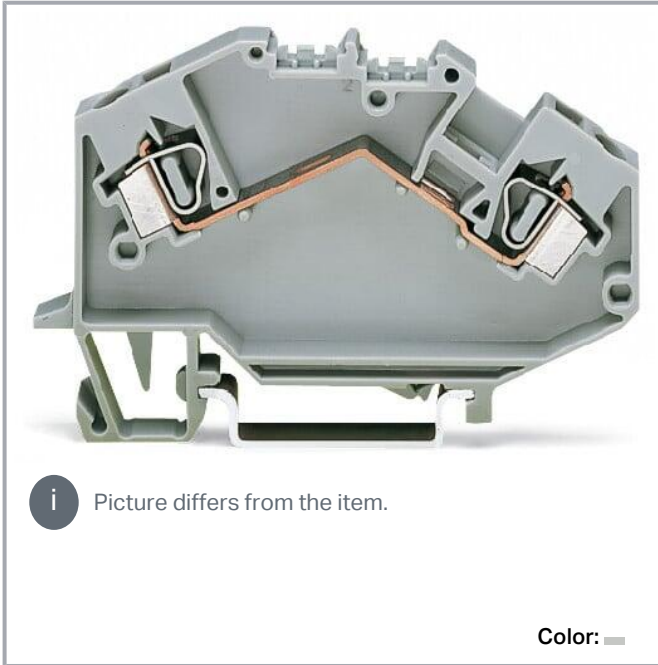


## Data sheet | Item number: 781-992

2-conductor through terminal block; 4 mm<sup>2</sup>; suitable for Ex e II applications; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 4,00 mm<sup>2</sup>; light gray



[www.wago.com/781-992](http://www.wago.com/781-992)



### Data

#### Electrical data

#### Ratings per IEC/EN

Ratings per IEC/EN 60947-7-1

#### Ex information

|                            |   |
|----------------------------|---|
| Reference hazardous areas  | See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations" |
| Rated voltage EN (Ex e II) | 750 V   |
| Rated current (Ex e II)    | 30 A  |

#### Power loss

|  |       |
|--|-------|
| Power loss, per pole (potential)             | 0.9 W |
| Rated current $I_N$ for specified power loss | 30 A  |

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.



|  |         |
|--|---------|
| Resistance value for specified, current-dependent power loss | 0.001 Ω |
|--|---------|

## Connection data

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

## Connection 1

|                                 |                    |
|---------------------------------|--------------------|
| Connection technology           | CAGE CLAMP®        |
| Actuation type                  | Operating tool     |
| Connectable conductor materials | Copper<br>Aluminum |

Connectable conductor materials (note)

### Terminating Aluminum Conductors

WAGO spring clamp terminal blocks are suitable for solid aluminum conductors up to 4 mm<sup>2</sup>/12 AWG if WAGO "Alu-Plus" Contact Paste 249-130 is used for termination.

"Alu-Plus" Contact Paste Advantages:

- Automatically destroys the oxide film during clamping.
- Prevents fresh oxidation at the clamping point.
- Prevents electrolytic corrosion between aluminum and copper conductors (in the same terminal block).
- Provides long-term protection against corrosion.

Using terminal blocks with CAGE CLAMP® Spring Pressure Connection Technology, **aluminum conductors must first be cleaned with a blade** and then immediately be inserted into the clamping units filled with "Alu-Plus" Contact Paste.

It is also possible to apply WAGO "Alu-Plus" **additionally** on the whole surface of the aluminum conductor before termination.

Please note that the nominal currents must be adapted to the reduced conductivity of the aluminum conductors::

2.5 mm<sup>2</sup> = 16 A

4 mm<sup>2</sup> = 22 A

|                         |  |
|-------------------------|--|
| Solid conductor         | 0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor | 0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG |
| Strip length            | 9 ... 10 mm / 0.35 ... 0.39 inches         |

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

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Wiring direction

Front-entry wiring

## Physical data

|                                   |                        |
|-----------------------------------|------------------------|
| Width                             | 6 mm / 0.236 inches    |
| Height                            | 77 mm / 3.031 inches   |
| Depth from upper-edge of DIN-rail | 43.5 mm / 1.713 inches |

## Mechanical Data

|               |                |
|---------------|----------------|
| Design        | angled         |
| Mounting type | DIN-35 rail    |
| Marking level | Center marking |

## Material Data

Note (material data)

Information on material specifications can be found here

|                             |                  |
|-----------------------------|------------------|
| Color                       | light gray       |
| Material group              | I                |
| Insulation material         | Polyamide (PA66) |
| Flammability class per UL94 | V0               |
| Fire load                   | 0.183 MJ         |
| Weight                      | 9.6 g            |

## Environmental requirements

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

## Commercial data

|                       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-14-11-20   |
| eCl@ss 9.0            | 27-14-11-20   |
| ETIM 8.0              | EC000897      |
| ETIM 7.0              | EC000897      |
| PU (SPU)              | 50 pcs        |
| Packaging type        | box           |
| Country of origin     | DE            |
| GTIN                  | 4044918684392 |
| Customs tariff number | 85369010000   |

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

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## Environmental Product Compliance

RoHS Compliance Status



Compliant, No Exemption

## Approvals / Certificates

### General approvals

| Logo   | Approval                              | Additional Approval Text | Certificate name                               |
|--|---------------------------------------|--------------------------|--|
|    | CCA<br>DEKRA Certification B.V.       | EN 60947                 | NTR NL-7454/A1                                 |
|    | CCC<br>CNEX                           | GB/T 3836.3              | 2020312313000253<br>(Ex eb IIC Gb, Ex eb I Mb) |
|    | CSA<br>DEKRA Certification B.V.       | C22.2 No. 158            | 1536075  |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947                 | 71-107288                                      |
|  | UR<br>Underwriters Laboratories Inc.  | UL 1059                  | E45172   |



### Declarations of conformity and manufacturer's declarations

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





### Approvals for marine applications

Certificate

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

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

#### Approvals for hazardous areas

| Logo   | Approval   | Additional Approval Text | Certificate name   |
|--|--|--------------------------|--|
|    | <b>AEx</b><br>UL International Germany GmbH c/o Physikalisch<br>Technische Bundesanstalt | UL 60079                 | E185892 (AEx e II C<br>resp. Ex e II C)                            |
|    | <b>ATEX</b><br>Physikalisch Technische Bundesanstalt (PTB)                               | -                        | PTB 00 ATEX 3129<br>U (II 2 G Ex eb IIC Gb<br>bzw. I M Ex eb I Mb) |
|   | <b>CCC</b><br>CNEX   | GB/T 3836.3              | 2020312313000253<br>(Ex eb IIC Gb, Ex eb I<br>Mb)                  |
|  | <b>EAC</b><br>Brjansker Zertifizierungsstelle  | TP TC 012/2011           | RU C-DE.AM02.B.<br>00127/19 (Ex e IIC<br>Gb U)                     |

#### Required accessories

##### End plate


End plate

|  |  |  |
|--|--|--|
|  | <b>Item no.: 780-317</b><br>End and intermediate plate; 1.5 mm thick; orange | <a href="http://www.wago.com/780-317">www.wago.com/780-317</a> |
|--|--|--|

#### Optional accessories

##### Push-in type wire jumper

Jumper

|  |  |  |
|--|--|--|
|  | <b>Item no.: 249-123</b><br>Push-in type wire jumper; 0.75 mm <sup>2</sup> ; insulated; 180 mm long; black | <a href="http://www.wago.com/249-123">www.wago.com/249-123</a> |
|--|--|--|

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



**Item no.: 249-126**  
Push-in type wire jumper; 0.75 mm<sup>2</sup>; insulated; 110 mm long; black

[www.wago.com/249-126](http://www.wago.com/249-126)



**Item no.: 249-127**  
Push-in type wire jumper; 0.75 mm<sup>2</sup>; insulated; 250 mm long; black

[www.wago.com/249-127](http://www.wago.com/249-127)

















**Item no.: 249-125**  
Push-in type wire jumper; insulated; 60 mm long; black

[www.wago.com/249-125](http://www.wago.com/249-125)

## Ferrule

### Ferrule

















|   |  |  |
|---|--|--|
|    | <b>Item no.: 216-101</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored  | <a href="http://www.wago.com/216-101">www.wago.com/216-101</a> |
|    | <b>Item no.: 216-104</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated; silver-colored  | <a href="http://www.wago.com/216-104">www.wago.com/216-104</a> |
|    | <b>Item no.: 216-106</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; uninsulated; electro-tin plated; silver-colored  | <a href="http://www.wago.com/216-106">www.wago.com/216-106</a> |
|    | <b>Item no.: 216-107</b><br>Ferrule; Sleeve for 4 mm <sup>2</sup> / AWG 12; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-107">www.wago.com/216-107</a> |
|    | <b>Item no.: 216-102</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored   | <a href="http://www.wago.com/216-102">www.wago.com/216-102</a> |
|    | <b>Item no.: 216-103</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-103">www.wago.com/216-103</a> |
|  | <b>Item no.: 216-123</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated; silver-colored  | <a href="http://www.wago.com/216-123">www.wago.com/216-123</a> |
|  | <b>Item no.: 216-122</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored   | <a href="http://www.wago.com/216-122">www.wago.com/216-122</a> |
|  | <b>Item no.: 216-124</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-124">www.wago.com/216-124</a> |
|  | <b>Item no.: 216-142</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | <a href="http://www.wago.com/216-142">www.wago.com/216-142</a> |
|  | <b>Item no.: 216-132</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated   | <a href="http://www.wago.com/216-132">www.wago.com/216-132</a> |
|  | <b>Item no.: 216-121</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored  | <a href="http://www.wago.com/216-121">www.wago.com/216-121</a> |
|  | <b>Item no.: 216-143</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92    | <a href="http://www.wago.com/216-143">www.wago.com/216-143</a> |
|  | <b>Item no.: 216-131</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated; silver-colored   | <a href="http://www.wago.com/216-131">www.wago.com/216-131</a> |

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

|   |   |  |
|---|---|--|
|    | <b>Item no.: 216-141</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92                 | <a href="http://www.wago.com/216-141">www.wago.com/216-141</a> |
|    | <b>Item no.: 216-152</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-152">www.wago.com/216-152</a> |
|    | <b>Item no.: 216-203</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; red  | <a href="http://www.wago.com/216-203">www.wago.com/216-203</a> |
|    | <b>Item no.: 216-206</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; blue   | <a href="http://www.wago.com/216-206">www.wago.com/216-206</a> |
|    | <b>Item no.: 216-207</b><br>Ferrule; Sleeve for 4 mm <sup>2</sup> / AWG 12; insulated; electro-tin plated; gray   | <a href="http://www.wago.com/216-207">www.wago.com/216-207</a> |
|    | <b>Item no.: 216-202</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray  | <a href="http://www.wago.com/216-202">www.wago.com/216-202</a> |
|    | <b>Item no.: 216-151</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated  | <a href="http://www.wago.com/216-151">www.wago.com/216-151</a> |
|    | <b>Item no.: 216-204</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; black  | <a href="http://www.wago.com/216-204">www.wago.com/216-204</a> |
|    | <b>Item no.: 216-205</b><br>Ferrule; Sleeve for 2.08 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; yellow  | <a href="http://www.wago.com/216-205">www.wago.com/216-205</a> |
|  | <b>Item no.: 216-144</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92; silver-colored | <a href="http://www.wago.com/216-144">www.wago.com/216-144</a> |
|  | <b>Item no.: 216-201</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; white  | <a href="http://www.wago.com/216-201">www.wago.com/216-201</a> |
|  | <b>Item no.: 216-223</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; red  | <a href="http://www.wago.com/216-223">www.wago.com/216-223</a> |
|  | <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.: 216-222</b><br>Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray  | <a href="http://www.wago.com/216-222">www.wago.com/216-222</a> |
|  | <b>Item no.: 216-221</b><br>Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; white  | <a href="http://www.wago.com/216-221">www.wago.com/216-221</a> |
|  | <b>Item no.: 216-224</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; black  | <a href="http://www.wago.com/216-224">www.wago.com/216-224</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;   | <a href="http://www.wago.com/216-243">www.wago.com/216-243</a> |












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

acc. to DIN 46228, Part 4/09.90; red




|   |  |  |
|---|--|--|
|    | <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.: 216-284</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/216-284">www.wago.com/216-284</a> |
|    | <b>Item no.: 216-286</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/216-286">www.wago.com/216-286</a> |
|    | <b>Item no.: 216-287</b><br>Ferrule; Sleeve for 4 mm <sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray    | <a href="http://www.wago.com/216-287">www.wago.com/216-287</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.: 216-301</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow   | <a href="http://www.wago.com/216-301">www.wago.com/216-301</a> |
|  | <b>Item no.: 216-321</b><br>Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow   | <a href="http://www.wago.com/216-321">www.wago.com/216-321</a> |
|  | <b>Item no.: 216-322</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise  | <a href="http://www.wago.com/216-322">www.wago.com/216-322</a> |
|  | <b>Item no.: 216-267</b><br>Ferrule; Sleeve for 4 mm <sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray    | <a href="http://www.wago.com/216-267">www.wago.com/216-267</a> |
|  | <b>Item no.: 216-302</b><br>Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise  | <a href="http://www.wago.com/216-302">www.wago.com/216-302</a> |
| <b>Jumpers</b>  |  |  |
| Jumper  |  |  |
|  | <b>Item no.: 281-402</b><br>Jumper; insulated; gray  | <a href="http://www.wago.com/281-402">www.wago.com/281-402</a> |
|  | <b>Item no.: 281-409</b>   |  |

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














|   |  |  |
|---|--|--|
|   | Jumper; insulated; gray  | <a href="http://www.wago.com/281-409">www.wago.com/281-409</a> |
|    | <b>Item no.: 281-422</b><br>Jumper; insulated; yellow-green                | <a href="http://www.wago.com/281-422">www.wago.com/281-422</a> |
|   | <b>Item no.: 281-485</b><br>Jumper; 5-way; insulated; gray                 | <a href="http://www.wago.com/281-485">www.wago.com/281-485</a> |
|   | <b>Item no.: 281-490</b><br>Jumper; 10-way; insulated; gray                | <a href="http://www.wago.com/281-490">www.wago.com/281-490</a> |
|    | <b>Item no.: 281-492</b><br>Jumper; 2-way; insulated; gray                 | <a href="http://www.wago.com/281-492">www.wago.com/281-492</a> |
|    | <b>Item no.: 281-482</b><br>Jumper; 2-way; insulated; gray                 | <a href="http://www.wago.com/281-482">www.wago.com/281-482</a> |
|    | <b>Item no.: 281-483</b><br>Jumper; 3-way; insulated; gray                 | <a href="http://www.wago.com/281-483">www.wago.com/281-483</a> |
|    | <b>Item no.: 781-453</b><br>Staggered jumper; from 1 to 3; insulated; gray | <a href="http://www.wago.com/781-453">www.wago.com/781-453</a> |
|    | <b>Item no.: 781-452</b><br>Staggered jumper; from 1 to 2; insulated; gray | <a href="http://www.wago.com/781-452">www.wago.com/781-452</a> |
|  | <b>Item no.: 781-455</b><br>Staggered jumper; from 1 to 5; insulated; gray | <a href="http://www.wago.com/781-455">www.wago.com/781-455</a> |
|  | <b>Item no.: 781-454</b><br>Staggered jumper; from 1 to 4; insulated; gray | <a href="http://www.wago.com/781-454">www.wago.com/781-454</a> |
|  | <b>Item no.: 781-456</b><br>Staggered jumper; from 1 to 6; insulated; gray | <a href="http://www.wago.com/781-456">www.wago.com/781-456</a> |

**Marking accessories**

|  |   |  |
|--|---|--|
| Marker   |   |  |
|  | <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.: 2009-115/000-007</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.: 2009-115/000-017</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> |

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

|  |  |  |
|--|--|--|
|   | <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.: 2009-115</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.: 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.: 793-5501/000-017</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.: 793-501/000-002</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.: 793-501/000-007</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.: 793-501/000-017</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>   |

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



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)

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WAGO GmbH & Co. KG

Hansastr. 27







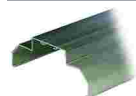


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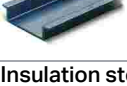



Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

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

|  |   |  |
|--|---|--|
|    | <b>Item no.: 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> |
| Group marker carrier   |   |  |
|    | <b>Item no.: 249-105</b><br>Group marker carrier; gray  | <a href="http://www.wago.com/249-105">www.wago.com/249-105</a>                   |
| Protective warning marker  |   |  |
| Cover  |   |  |
|    | <b>Item no.: 281-415</b><br>Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow   | <a href="http://www.wago.com/281-415">www.wago.com/281-415</a>                   |
| Tool   |   |  |
| Operating tool   |   |  |
|    | <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>                   |
|    | <b>Item no.: 777-310</b><br>Operating tool; Specially designed blade; for TOPJOB® Terminal Blocks; orange   | <a href="http://www.wago.com/777-310">www.wago.com/777-310</a>                   |
| Mounting   |   |  |
| Cover carrier  |   |  |
|  | <b>Item no.: 709-168</b><br>Cover carrier; Type 2; incl. fixing/retaining screws and knurled nut; suitable for 283 to 285 Series rail-mounted terminal blocks; suitable for 279 to 281 Series double- and triple-deck terminal blocks; suitable for 780 to 785, 775, 776 and 777 Series TOPJOB® rail-mounted terminal blocks; suitable for 280 Series sensor and actuator terminal blocks; suitable for 282 Series disconnect/test terminal blocks for transformer circuits; gray | <a href="http://www.wago.com/709-168">www.wago.com/709-168</a>                   |
| Cover  |   |  |
|  | <b>Item no.: 709-154</b><br>Cover; Type 2; suitable for cover carrier, type 2; 1 m long; transparent  | <a href="http://www.wago.com/709-154">www.wago.com/709-154</a>                   |
| Mounting accessories   |   |  |
|  | <b>Item no.: 209-106</b><br>Mounting carrier; for isolated mounting on DIN 35 rails; gray   | <a href="http://www.wago.com/209-106">www.wago.com/209-106</a>                   |
| End plate  |   |  |
| End plate  |   |  |
|  | <b>Item no.: 209-192</b><br>Separator for Ex e/Ex i applications; 3 mm thick; 125.5 mm wide; orange   | <a href="http://www.wago.com/209-192">www.wago.com/209-192</a>                   |
| Carrier rail   |   |  |
| Mounting accessories   |   |  |

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

|  |  |  |
|--|--|--|
|    | <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><br>Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored               | <a href="http://www.wago.com/210-196">www.wago.com/210-196</a> |
| <b>Insulation stop</b>   |  |  |
| Insulation stop  |  |  |
|  | <b>Item no.: 281-470</b><br>Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 5 pieces/strip; white                     | <a href="http://www.wago.com/281-470">www.wago.com/281-470</a> |
|  | <b>Item no.: 281-471</b><br>Insulation stop; 0.25 - 0.5 mm <sup>2</sup> ; 5 pieces/strip; light gray   | <a href="http://www.wago.com/281-471">www.wago.com/281-471</a> |
|  | <b>Item no.: 281-472</b><br>Insulation stop; 0.75 - 1.5 mm <sup>2</sup> ; 5 pieces/strip; dark gray  | <a href="http://www.wago.com/281-472">www.wago.com/281-472</a> |

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



## Downloads

### Documentation

#### Bid Text

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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

|  |  |     |          |
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2-conductor through terminal block; 4 mm<sup>2</sup>; suitable for Ex e II applications; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 4,00 mm<sup>2</sup>; light gray

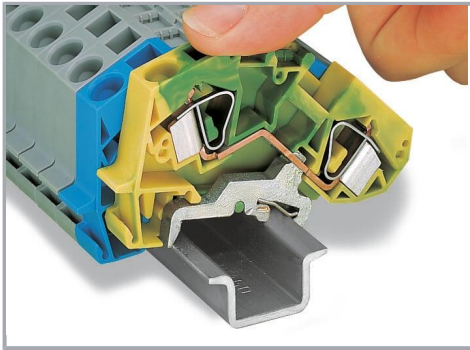
## Installation Notes

### Installation

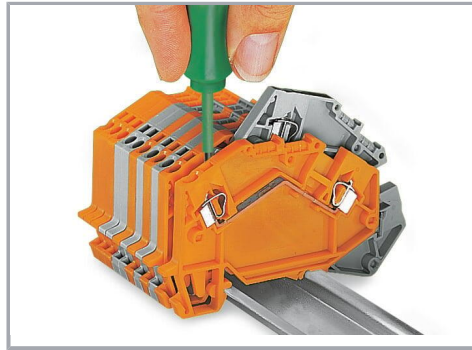
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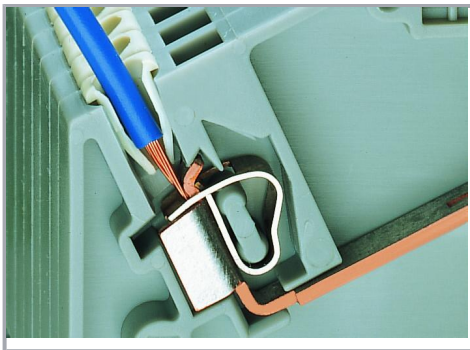


Snapping a ground conductor block onto the DIN-rail automatically makes a direct electrical connection to the rail.



Removing a terminal block from the assembly.

#### Conductor termination



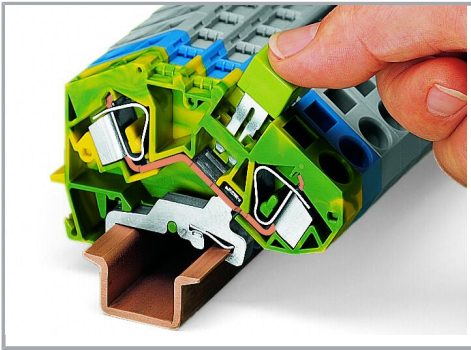
#### Insulation stop

Prevents the conductor insulation from being pushed into the clamping unit.

(Available for terminal blocks up to 4 mm<sup>2</sup>/12 AWG)

#### Commoning

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



Commoning ground conductor terminal blocks with through terminal blocks is possible in one direction only (via rear side of terminal block) using adjacent jumpers. WAGO recommends using yellow-green adjacent jumpers in addition to the required marking of these blocks.

#### Commoning



Staggered jumpers are suitable for sophisticated circuit requirements. Push jumpers down until fully inserted!

#### Product family

**TOPJOB Classic**

[Show all products from the family](#)

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