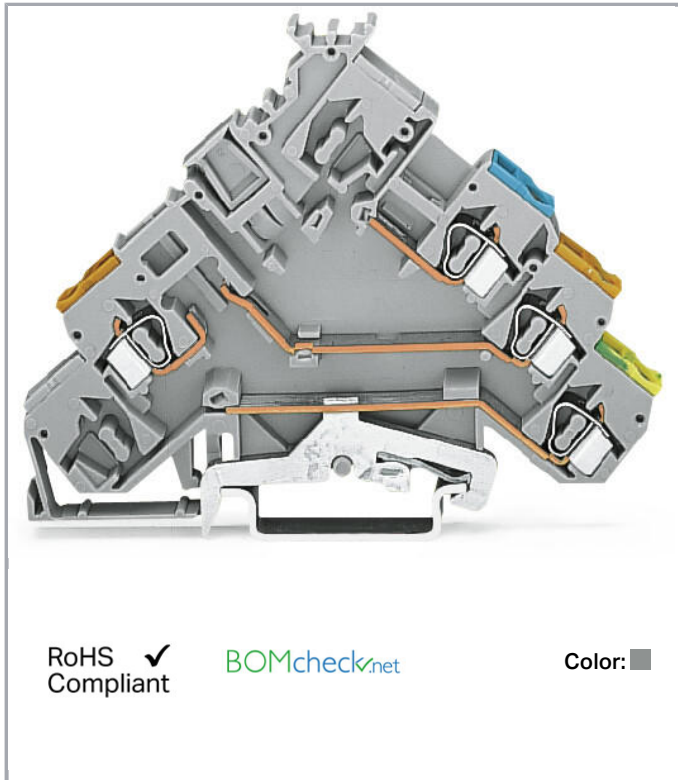


**Data sheet | Item number: 280-575**

3-conductor actuator supply terminal block; with ground contact; with colored conductor entries; 2.5 mm<sup>2</sup>; CAGE CLAMP®; 2,50 mm<sup>2</sup>; gray

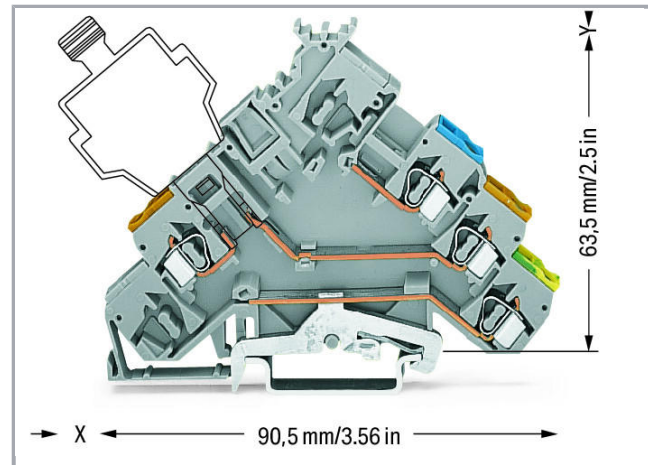
[www.wago.com/280-575](http://www.wago.com/280-575)



RoHS   
Compliant

[BOMcheck.net](https://www.bomcheck.net)

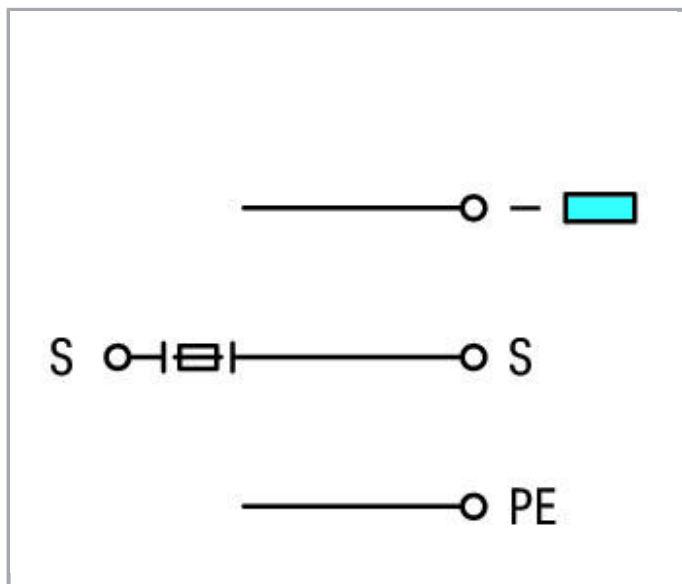
Color: 



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

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## Item description

### 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 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

#### Safety information 1:

Electrical ratings are given by the fuse plug or empty component plug housing.

## Data

### Electrical data

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## Ratings per IEC/EN 60664-1

|                         |                                                                      |
|-------------------------|----------------------------------------------------------------------|
| Nominal voltage (III/3) | 125 V                                                                |
| Rated current           | 5 A                                                                  |
| Rated voltage (III/3) 2 | 250 V                                                                |
| Rated current 2         | 6.3 A                                                                |
| Legend (ratings)        | (III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3 |

## Connection data

|                                   |                                              |
|-----------------------------------|----------------------------------------------|
| Connection technology             | CAGE CLAMP®                                  |
| Actuation type                    | Operating tool                               |
| Connectable conductor materials   | Copper<br>Aluminum                           |
| Solid conductor                   | 0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG |
| Fine-stranded conductor           | 0,08 ... 2,5 mm <sup>2</sup> / 28 ... 12 AWG |
| Strip length                      | 8 ... 9 mm / 0.31 ... 0.35 inch              |
| Total number of connection points | 4                                            |
| Total number of potentials        | 4                                            |
| Number of levels                  | 4                                            |
| Wiring type                       | Front-entry wiring                           |
| Note (conductor cross-section)    | 12 AWG: THHN, THWN                           |

## Geometrical Data

|                                    |                      |
|------------------------------------|----------------------|
| Width                              | 5 mm / 0.197 inch    |
| Height from upper-edge of DIN-rail | 63,5 mm / 2.5 inch   |
| Depth                              | 90,5 mm / 3.563 inch |

## Mechanical data

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

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | gray                 |
| Insulation material | Polyamide 66 (PA 66) |
| Fire load           | 0.232 MJ             |

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



|        |        |
|--------|--------|
| Weight | 17.5 g |
|--------|--------|

## Commercial data

|                       |                                  |
|-----------------------|----------------------------------|
| Product Group         | 1 (Rail Mounted Terminal Blocks) |
| Packaging type        | BOX                              |
| Country of origin     | DE                               |
| GTIN                  | 4045454093761                    |
| Customs tariff number | 85369010000                      |

## Approvals / Certificates

### Country specific Approvals

| Logo                                                                             | Approval                        | Additional Approval Text | Certificate name |
|----------------------------------------------------------------------------------|---------------------------------|--------------------------|------------------|
|  | CSA<br>DEKRA Certification B.V. | C22.2                    | 1536071          |

### UL-Approvals

| Logo                                                                               | Approval                             | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|--------------------------------------|--------------------------|------------------|
|  | UR<br>Underwriters Laboratories Inc. | UL 1059                  | 20190731-E45172  |

## Counterpart

## Compatible products

### tools

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

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**Item no.: 210-657**

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

[www.wago.com/210-657](http://www.wago.com/210-657)**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)**Marking accessories****Item no.: 2009-115**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-115](http://www.wago.com/2009-115)**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](http://www.wago.com/2009-115)**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](http://www.wago.com/2009-115)**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](http://www.wago.com/2009-115)**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](http://www.wago.com/2009-115)**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](http://www.wago.com/2009-115)**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](http://www.wago.com/2009-115)**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](http://www.wago.com/2009-115)**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.: 793-501/000-002**

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

[www.wago.com/793-501](http://www.wago.com/793-501)**Item no.: 793-501/000-005**

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

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

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

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**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.: 793-501/000-007**

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.: 793-501/000-012**

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.: 793-501/000-017**

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)**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.: 793-501/000-024**

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**

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.: 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.: 793-5501/000-005**

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.: 793-5501/000-006**

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.: 793-5501/000-007**

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.: 793-5501/000-017**

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**

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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)

#### ferrule



**Item no.: 216-101**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated

[www.wago.com/216-101](http://www.wago.com/216-101)



**Item no.: 216-102**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated

[www.wago.com/216-102](http://www.wago.com/216-102)



**Item no.: 216-103**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated

[www.wago.com/216-103](http://www.wago.com/216-103)



**Item no.: 216-104**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; uninsulated; electro-tin plated

[www.wago.com/216-104](http://www.wago.com/216-104)



**Item no.: 216-201**

Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white

[www.wago.com/216-201](http://www.wago.com/216-201)



**Item no.: 216-202**

Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray

[www.wago.com/216-202](http://www.wago.com/216-202)



**Item no.: 216-203**

Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red

[www.wago.com/216-203](http://www.wago.com/216-203)



**Item no.: 216-204**

Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; black

[www.wago.com/216-204](http://www.wago.com/216-204)

**Item no.: 216-301**

Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow

[www.wago.com/216-301](http://www.wago.com/216-301)



**Item no.: 216-302**

Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; green

[www.wago.com/216-302](http://www.wago.com/216-302)

#### Push-In type wire jumper



**Item no.: 249-123**

Push-in type wire jumper; 0.75 mm<sup>2</sup>; insulated; 180 mm long; black

[www.wago.com/249-123](http://www.wago.com/249-123)



**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)



**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)

#### Carrier rail

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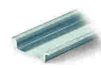
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**Item no.: 210-112**

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**

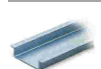
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715

[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**

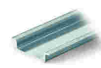
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715

[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**

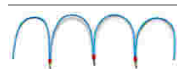
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715

[www.wago.com/210-508](http://www.wago.com/210-508)**Protective Warning Marker****Item no.: 280-415**

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow

[www.wago.com/280-415](http://www.wago.com/280-415)**Jumper****Item no.: 210-103**

Wire commoning chain; insulated; black

[www.wago.com/210-103](http://www.wago.com/210-103)**Item no.: 210-123**

Wire commoning chain; insulated; blue

[www.wago.com/210-123](http://www.wago.com/210-123)**Item no.: 280-402**

Adjacent jumper; insulated; IN = IN terminal block; gray

[www.wago.com/280-402](http://www.wago.com/280-402)**Item no.: 280-482**

Comb-style jumper bar; insulated; 2-way; IN = IN terminal block; gray

[www.wago.com/280-482](http://www.wago.com/280-482)

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

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|                                                                                    |                                                                                                                                  |                                                                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|    | <b>Item no.: 280-483</b><br>Comb-style jumper bar; insulated; 3-way; IN = IN terminal block; gray                                | <a href="http://www.wago.com/280-483">www.wago.com/280-483</a> |
|    | <b>Item no.: 280-484</b><br>Comb-style jumper bar; insulated; 4-way; IN = IN terminal block; gray                                | <a href="http://www.wago.com/280-484">www.wago.com/280-484</a> |
|    | <b>Item no.: 280-485</b><br>Comb-style jumper bar; insulated; 5-way; IN = IN terminal block; gray                                | <a href="http://www.wago.com/280-485">www.wago.com/280-485</a> |
|    | <b>Item no.: 280-490</b><br>Comb-style jumper bar; insulated; 10-way; IN = IN terminal block; gray                               | <a href="http://www.wago.com/280-490">www.wago.com/280-490</a> |
|    | <b>Item no.: 280-492</b><br>Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block; gray                      | <a href="http://www.wago.com/280-492">www.wago.com/280-492</a> |
|    | <b>Item no.: 709-110</b><br>Wire commoning chain; 2.5 mm²; insulated; black                                                      | <a href="http://www.wago.com/709-110">www.wago.com/709-110</a> |
|    | <b>Item no.: 709-111</b><br>Wire commoning chain; 2.5 mm²; insulated; black                                                      | <a href="http://www.wago.com/709-111">www.wago.com/709-111</a> |
|    | <b>Item no.: 709-112</b><br>Wire commoning chain; 2.5 mm²; insulated; black                                                      | <a href="http://www.wago.com/709-112">www.wago.com/709-112</a> |
|    | <b>Item no.: 780-452</b><br>Staggered jumper; insulated; from 1 to 2; Spacing: 5 mm; suitable for 2-conductor female plugs; gray | <a href="http://www.wago.com/780-452">www.wago.com/780-452</a> |
|   | <b>Item no.: 780-453</b><br>Staggered jumper; insulated; from 1 to 3; Spacing: 5 mm; suitable for 2-conductor female plugs; gray | <a href="http://www.wago.com/780-453">www.wago.com/780-453</a> |
|  | <b>Item no.: 780-454</b><br>Staggered jumper; insulated; from 1 to 4; Spacing: 5 mm; suitable for 2-conductor female plugs; gray | <a href="http://www.wago.com/780-454">www.wago.com/780-454</a> |
|  | <b>Item no.: 780-455</b><br>Staggered jumper; insulated; from 1 to 5; Spacing: 5 mm; suitable for 2-conductor female plugs; gray | <a href="http://www.wago.com/780-455">www.wago.com/780-455</a> |
|  | <b>Item no.: 780-456</b><br>Staggered jumper; insulated; from 1 to 6; Spacing: 5 mm; suitable for 2-conductor female plugs; gray | <a href="http://www.wago.com/780-456">www.wago.com/780-456</a> |
|  | <b>Item no.: 780-457</b><br>Staggered jumper; insulated; from 1 to 7; Spacing: 5 mm; suitable for 2-conductor female plugs; gray | <a href="http://www.wago.com/780-457">www.wago.com/780-457</a> |
|  | <b>Item no.: 780-458</b><br>Staggered jumper; insulated; from 1 to 8; Spacing: 5 mm; suitable for 2-conductor female plugs; gray | <a href="http://www.wago.com/780-458">www.wago.com/780-458</a> |
| <b>Insulation stop</b>                                                             |                                                                                                                                  |                                                                |
|  | <b>Item no.: 280-470</b><br>Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white                         | <a href="http://www.wago.com/280-470">www.wago.com/280-470</a> |
|  | <b>Item no.: 280-471</b><br>Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray                                          | <a href="http://www.wago.com/280-471">www.wago.com/280-471</a> |
|                                                                                    | <b>Item no.: 280-472</b><br>Insulation stop; 0.75 - 1 mm²; 5 pieces/strip                                                        | <a href="http://www.wago.com/280-472">www.wago.com/280-472</a> |

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



## assembling

**Item no.: 249-116**

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

[www.wago.com/249-116](http://www.wago.com/249-116)**Item no.: 709-154**

Cover; Type 2; suitable for cover carrier, type 2; 1 m long; transparent

[www.wago.com/709-154](http://www.wago.com/709-154)

## plug

**Item no.: 280-801**

Empty component plug housing; gray

[www.wago.com/280-801](http://www.wago.com/280-801)**Item no.: 280-850**

Fuse plug; with soldered miniature fuse; 250 mA FF; 5 mm wide; gray

[www.wago.com/280-850](http://www.wago.com/280-850)**Item no.: 280-850/281-413**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 250 mA FF; 5 mm wide; gray

[www.wago.com/280-850/281-413](http://www.wago.com/280-850/281-413)**Item no.: 280-850/281-414**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V; 250 mA FF; 5 mm wide; gray

[www.wago.com/280-850/281-414](http://www.wago.com/280-850/281-414)**Item no.: 280-850/281-415**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V; 250 mA FF; 5 mm wide; gray

[www.wago.com/280-850/281-415](http://www.wago.com/280-850/281-415)**Item no.: 280-852**

Fuse plug; with soldered miniature fuse; 500 mA FF; 5 mm wide; gray

[www.wago.com/280-852](http://www.wago.com/280-852)**Item no.: 280-852/281-413**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 500 mA FF; 5 mm wide; gray

[www.wago.com/280-852/281-413](http://www.wago.com/280-852/281-413)**Item no.: 280-852/281-414**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V; 500 mA FF; 5 mm wide; gray

[www.wago.com/280-852/281-414](http://www.wago.com/280-852/281-414)**Item no.: 280-852/281-415**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V; 500 mA FF; 5 mm wide; gray

[www.wago.com/280-852/281-415](http://www.wago.com/280-852/281-415)**Item no.: 280-854**

Fuse plug; with soldered miniature fuse; 1 A FF; 5 mm wide; gray

[www.wago.com/280-854](http://www.wago.com/280-854)**Item no.: 280-854/281-413**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 1 A FF; 5 mm wide; gray

[www.wago.com/280-854/281-413](http://www.wago.com/280-854/281-413)**Item no.: 280-854/281-414**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V; 1 A FF; 5 mm

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

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wide; gray

[www.wago.com/280-854/281-414](http://www.wago.com/280-854/281-414)
**Item no.: 280-854/281-415**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V; 1 A FF; 5 mm wide; gray

[www.wago.com/280-854/281-415](http://www.wago.com/280-854/281-415)
**Item no.: 280-856**

Fuse plug; with soldered miniature fuse; 2 A FF; 5 mm wide; gray

[www.wago.com/280-856](http://www.wago.com/280-856)
**Item no.: 280-856/281-413**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 15 - 30 V; 2 A FF; 5 mm wide; gray

[www.wago.com/280-856/281-413](http://www.wago.com/280-856/281-413)
**Item no.: 280-856/281-414**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); DC 30 - 65 V; 2 A FF; 5 mm wide; gray

[www.wago.com/280-856/281-414](http://www.wago.com/280-856/281-414)
**Item no.: 280-856/281-415**

Fuse plug; with soldered miniature fuse; with indicator lamp; LED (red); AC 15 - 30 V; 2 A FF; 5 mm wide; gray

[www.wago.com/280-856/281-415](http://www.wago.com/280-856/281-415)
**Item no.: 281-511**

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm; without blown fuse indication; 6 mm wide; gray

[www.wago.com/281-511](http://www.wago.com/281-511)
**Item no.: 281-512**

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm; with port for LED; 6 mm wide; gray

[www.wago.com/281-512](http://www.wago.com/281-512)
**Item no.: 281-512/281-417**

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm; with blown fuse indication by neon lamp; 230 V; 6 mm wide; gray

[www.wago.com/281-512/281-417](http://www.wago.com/281-512/281-417)
**Item no.: 281-512/281-418**

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm; with blown fuse indication by neon lamp; 120 V; 6 mm wide; gray

[www.wago.com/281-512/281-418](http://www.wago.com/281-512/281-418)
**Item no.: 281-512/281-501**

Fuse plug; with pull-tab; for miniature metric fuses 5 x 20 mm and 5 x 25 mm; with LED indicator; 24 V AC/DC; 6 mm wide; gray

[www.wago.com/281-512/281-501](http://www.wago.com/281-512/281-501)

## Downloads

## Documentation

## Bid Text

|                  |              |        |          |
|------------------|--------------|--------|----------|
| 280-575          | Feb 19, 2019 | xml    | Download |
| GAEB X81 - Datei |              | 3.6 kB |          |
| 280-575          | Apr 3, 2017  | doc    | Download |

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

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

## CAD/CAE-Data

### CAD data

|                      |     |          |
|----------------------|-----|----------|
| 2D/3D Models 280-575 | URL | Download |
|----------------------|-----|----------|

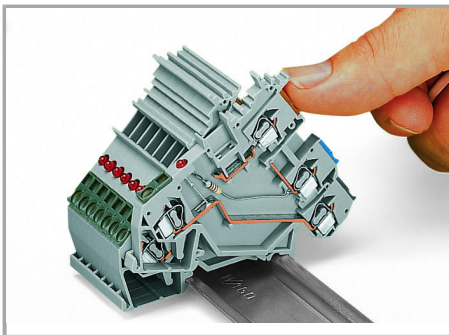
### CAE data

|                           |     |          |
|---------------------------|-----|----------|
| EPLAN Data Portal 280-575 | URL | Download |
|---------------------------|-----|----------|

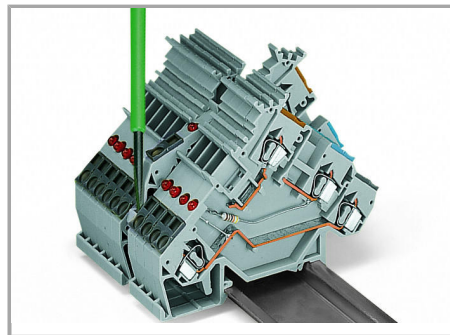
|                        |     |          |
|------------------------|-----|----------|
| WSCAD Universe 280-575 | URL | Download |
|------------------------|-----|----------|

## Installation Notes

### Installation



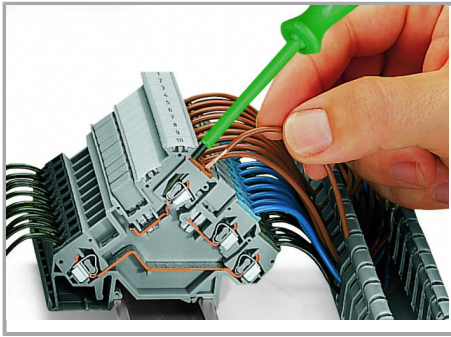
Snapping a terminal block onto the carrier rail – terminal blocks with a grounding foot automatically establish a direct contact to the rail.



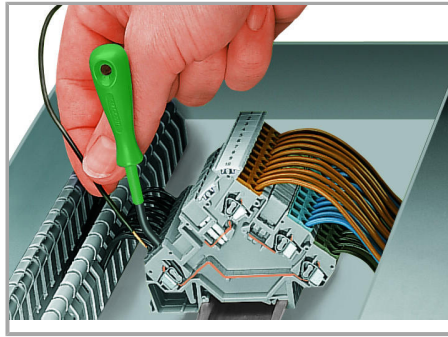
Removing a terminal block from the carrier rail. Notice: Remove jumper contacts first.

### Conductor termination

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



CAGE CLAMP® connection

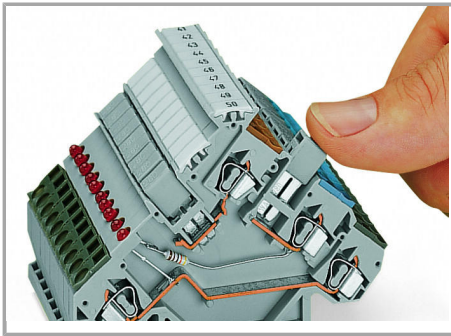


CAGE CLAMP® connection

Inserting a conductor via straight operating tool (210-720).

Inserting a conductor via angled operating tool (210-658).

#### Commoning

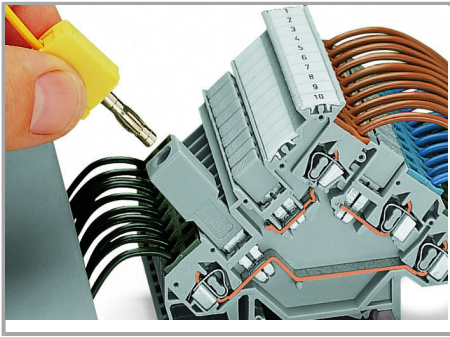


Commoning using an adjacent jumper (280-402).

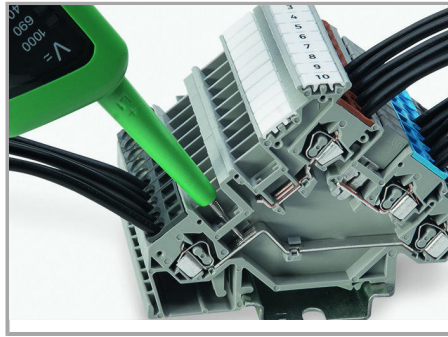
Push jumper down until fully inserted.

#### Testing

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

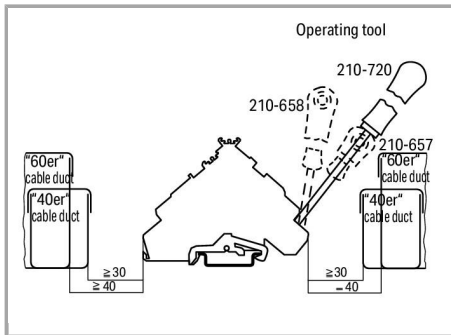


Testing via banana plug and test plug adapter (209-170).



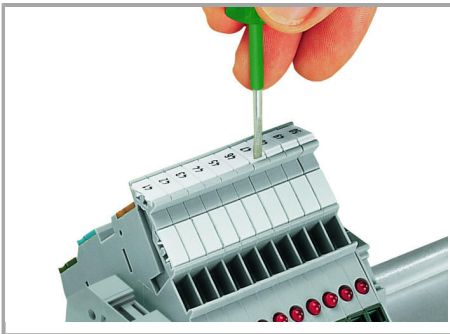
Testing via voltage tester directly on the current bar.

### Installation



Min. mounting distance – terminal blocks to cable duct

### Marking



Labeling via WMB Multi Marking System.

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