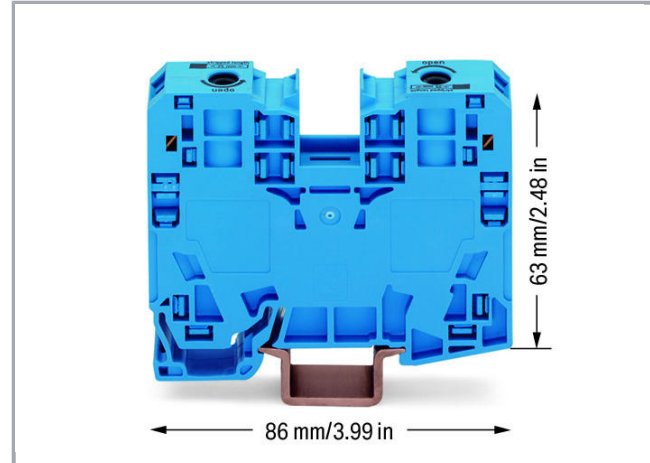
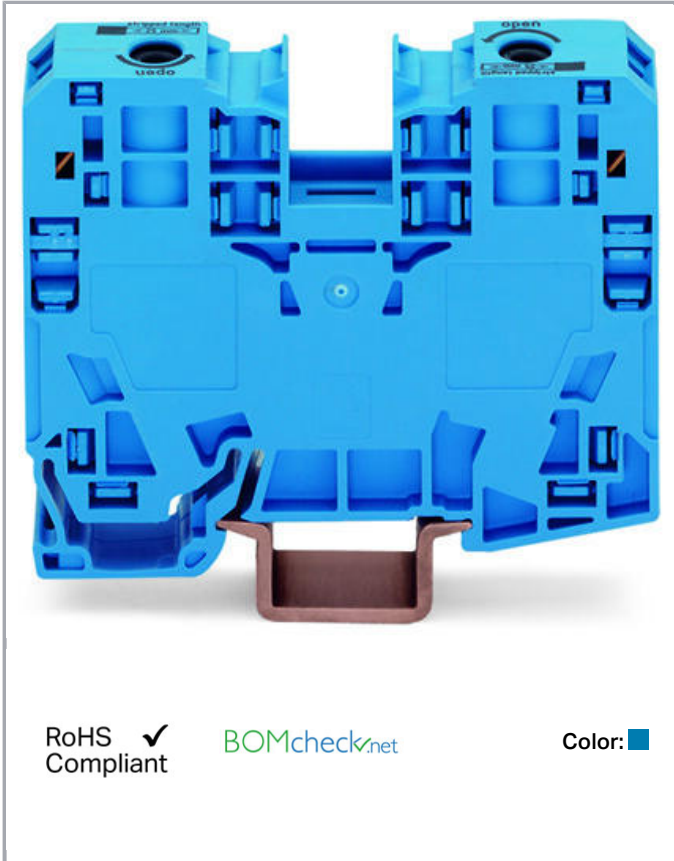


## Data sheet | Item number: 285-134

2-conductor through terminal block; 35 mm<sup>2</sup>; lateral marker slots; only for DIN 35 x 15 rail; POWER CAGE CLAMP; 35,00 mm<sup>2</sup>; blue



[www.wago.com/285-134](http://www.wago.com/285-134)



RoHS  Compliant

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

Color: ■

### Data

#### Electrical data

#### Ratings per IEC/EN 60664-1

| Ratings per                     | IEC/EN 60947-7-1  |
|---------------------------------|---|
| Rated voltage (III / 3)         | 1000 V  |
| Rated impulse voltage (III / 3) | 8 kV  |
| Rated current                   | 125 A   |
| Legend (ratings)                | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

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

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## Connection data

|                                   |   |
|-----------------------------------|---|
| Connection technology             | POWER CAGE CLAMP                        |
| Actuation type                    | Operating tool                          |
| Connectable conductor materials   | Copper                                  |
| Solid conductor                   | 6 ... 35 mm <sup>2</sup> / 10 ... 2 AWG |
| Stranded conductor                | 6 ... 35 mm <sup>2</sup> / 10 ... 2 AWG |
| Fine-stranded conductor           | 6 ... 35 mm <sup>2</sup> / 10 ... 2 AWG |
| Strip length                      | 25 mm / 0.98 inch                       |
| Total number of connection points | 2                                       |
| Total number of potentials        | 1                                       |
| Number of levels                  | 1                                       |
| Type of wiring                    | Side-entry wiring                       |

## Geometrical Data

|                                       |                    |
|---------------------------------------|--------------------|
| Width                                 | 16 mm / 0.63 inch  |
| Height from upper-edge of DIN-35 rail | 63 mm / 2.48 inch  |
| Depth                                 | 86 mm / 3.386 inch |

## Mechanical data

|                  |                 |
|------------------|-----------------|
| Design           | horizontal type |
| Type of mounting | DIN-35 rail     |
| Marking level    | Side marking    |

## Material Data

|                     |                      |
|---------------------|----------------------|
| Color               | blue                 |
| Insulating material | Polyamide 66 (PA 66) |
| Fire load           | 1.246 MJ             |
| Weight              | 79.3 g               |

## Commercial data

|                    |                                  |
|--------------------|----------------------------------|
| Product Group      | 1 (Rail Mounted Terminal Blocks) |
| Packaging type     | BOX                              |
| Country of origin  | PL                               |
| GTIN               | 4045454507398                    |
| Customs Tariff No. | 85369010000                      |




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## Approvals / Certificates

### Country specific Approvals

| Logo   | Approval                              | Additional Approval Text | Certificate name |
|--|---------------------------------------|--------------------------|------------------|
|  | CCA<br>DEKRA Certification B.V.       | EN 60947                 | NTR NL-7707      |
|  | CSA<br>DEKRA Certification B.V.       | C22.2 No. 158            | 1151144          |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947                 | 71-101911        |

### Ship Approvals

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

## Counterpart







## Compatible products

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

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## Marking accessories

|   |  |  |
|---|--|--|
|   | <b>Item no.: 2009-110</b><br>Marking strips; on reel; not stretchable; plain; snap-on type; white  | <a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>                 |
|   | <b>Item no.: 2009-115</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white          | <a href="http://www.wago.com/2009-115">www.wago.com/2009-115</a>                 |
|    | <b>Item no.: 2009-115/000-002</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow | <a href="http://www.wago.com/2009-115/000-002">www.wago.com/2009-115/000-002</a> |
|   | <b>Item no.: 2009-115/000-005</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white  | <a href="http://www.wago.com/2009-115/000-005">www.wago.com/2009-115/000-005</a> |
|   | <b>Item no.: 2009-115/000-006</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white  | <a href="http://www.wago.com/2009-115/000-006">www.wago.com/2009-115/000-006</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.: 2009-115/000-012</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/2009-115/000-012">www.wago.com/2009-115/000-012</a> |
|  | <b>Item no.: 2009-115/000-017</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white  | <a href="http://www.wago.com/2009-115/000-017">www.wago.com/2009-115/000-017</a> |
|  | <b>Item no.: 2009-115/000-023</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green  | <a href="http://www.wago.com/2009-115/000-023">www.wago.com/2009-115/000-023</a> |
|  | <b>Item no.: 2009-115/000-024</b><br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white  | <a href="http://www.wago.com/2009-115/000-024">www.wago.com/2009-115/000-024</a> |
|   | <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>                   |
|   | <b>Item no.: 285-442</b><br>Adaptor; gray  | <a href="http://www.wago.com/285-442">www.wago.com/285-442</a>                   |
|   | <b>Item no.: 793-501</b><br>WMB marking card; as card; not stretchable; plain; snap-on type; white   | <a href="http://www.wago.com/793-501">www.wago.com/793-501</a>                   |

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



**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.: 793-501/000-005**  
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.: 793-501/000-006**  
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

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



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)**potential distribution****Item no.: 283-407**Power tap; with 500 mm cable; for 16 mm<sup>2</sup> (283/783 Series) and 35 mm<sup>2</sup>; gray[www.wago.com/283-407](http://www.wago.com/283-407)**Item no.: 285-427**Power tap; for 35 mm<sup>2</sup> high-current tbs; Module width 8 mm; 6,00 mm<sup>2</sup>; gray[www.wago.com/285-427](http://www.wago.com/285-427)**ferrule****Item no.: 216-413**Ferrule; Sleeve for 25 mm<sup>2</sup> / AWG 4; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92[www.wago.com/216-413](http://www.wago.com/216-413)**Item no.: 216-414**Ferrule; Sleeve for 35 mm<sup>2</sup> / AWG 2; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92[www.wago.com/216-414](http://www.wago.com/216-414)**Carrier rail****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.: 210-118**

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.: 210-197**

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.: 210-506**

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)

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

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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)

tools



Item no.: 210-721

Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft

[www.wago.com/210-721](http://www.wago.com/210-721)

assembling



Item no.: 210-148

Angled support bracket; without screw

[www.wago.com/210-148](http://www.wago.com/210-148)



Item no.: 249-117

Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

[www.wago.com/249-117](http://www.wago.com/249-117)



Item no.: 249-197

Screwless end stop; 14 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

[www.wago.com/249-197](http://www.wago.com/249-197)

Jumper



Item no.: 285-430

Step-down jumper; insulated; from 285-13x to 2010 and 2016 Series TOPJOB®S terminal blocks; Nominal current 90 A; gray

[www.wago.com/285-430](http://www.wago.com/285-430)



Item no.: 285-435

Adjacent jumper; insulated; Nominal current 85 A; gray

[www.wago.com/285-435](http://www.wago.com/285-435)

Protective Warning Marker



Item no.: 285-420

Protective warning marker; with high-voltage symbol, black; yellow

[www.wago.com/285-420](http://www.wago.com/285-420)

Test Accessories



Item no.: 283-404

Test plug adapter; 11.6 mm wide; for 4 mm Ø test plugs; gray

[www.wago.com/283-404](http://www.wago.com/283-404)

protection



Item no.: 285-421

Finger guard; touchproof cover protects unused conductor entries; for 35 mm² high-current tbs; yellow

[www.wago.com/285-421](http://www.wago.com/285-421)

Downloads

Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf  
2.1 MB

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CAD/CAE-Data

CAD data

2D/3D Models 285-134

URL

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CAE data

EPLAN Data Portal 285-134

URL

Download

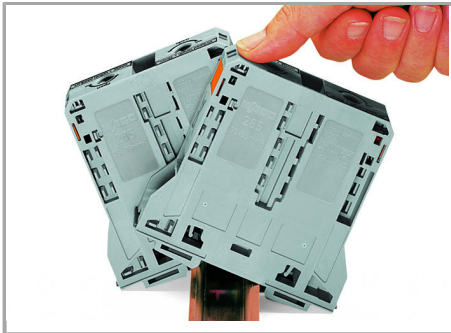
WSCAD Universe 285-134

URL

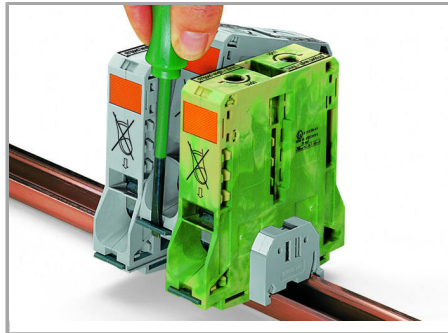
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## Installation Notes

### Installation

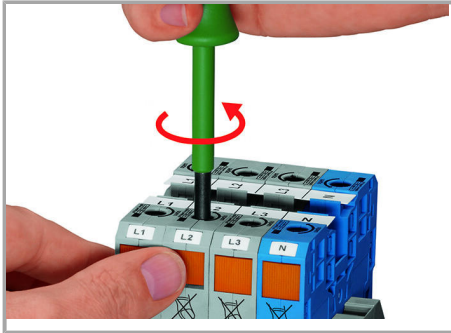


Snapping a terminal block onto the DIN-rail.

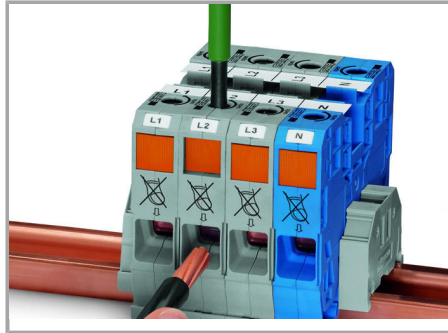


Removing a terminal block from the assembly.

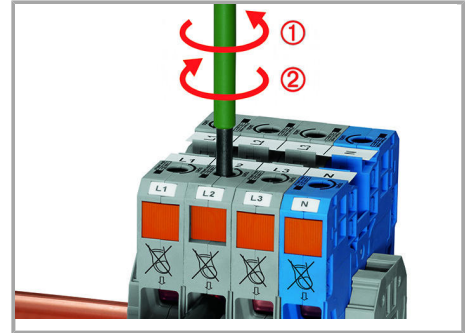
### Inserting a conductor



Conductor termination – step 1



Conductor termination – step 2



Conductor termination – step 3

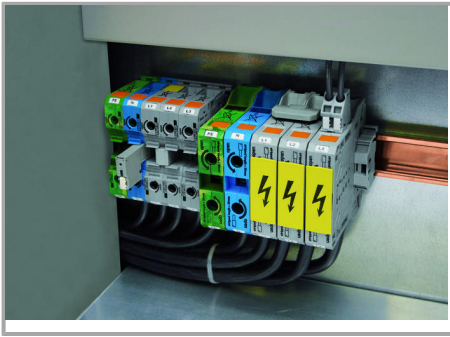
Rotate the operating tool (5.5 mm blade width) counter-clockwise. Next, push in the orange locking tab. The clamp is locked open for hands-free wiring.

Insert a stripped conductor into the clamping unit until it hits backstop. Hold in this position.

A small counter-clockwise rotation closes the clamp, securing conductor. When unlocked, allow operating tool to rotate clockwise to securely terminate the conductor.

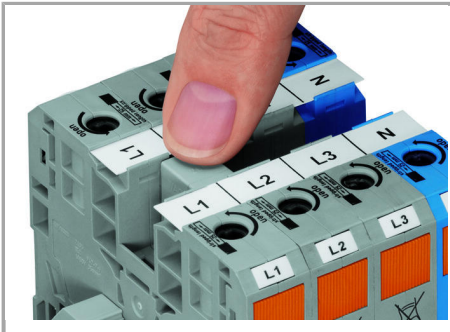
Subject to changes. Please also observe the further product documentation!





Side-entry wiring means that even larger conductors, which have limited flexibility, can be easily connected.

### Jumpered

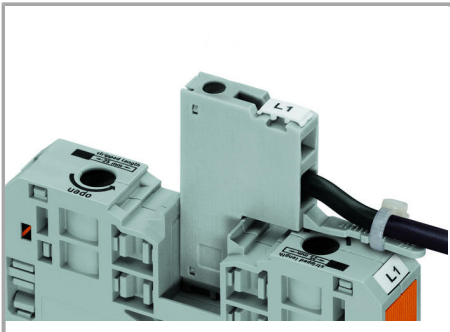


Commoning adjacent terminal blocks using a centrally positioned push-in jumper.

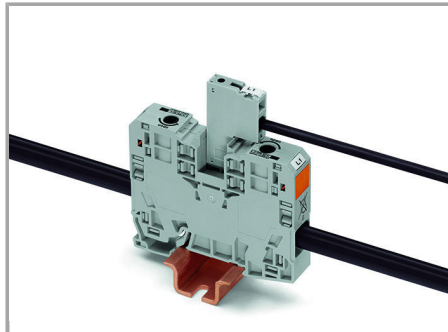


Slide the marking strip laterally to remove the jumper.

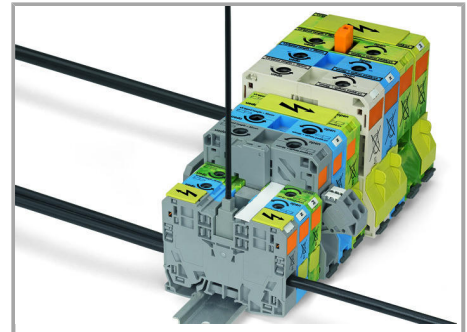
### Voltage Tap



The power tap is inserted into the jumper contact slot. It can be fitted with a strain relief plate.



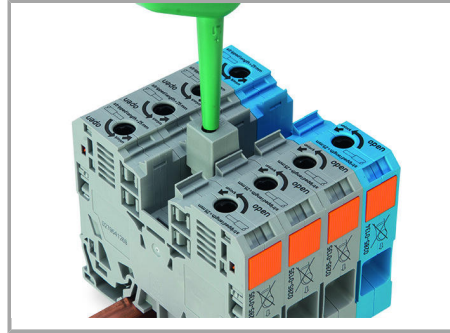
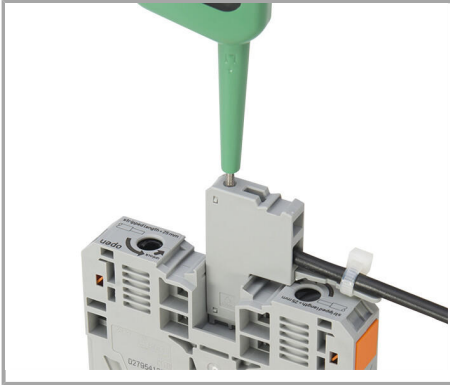
The power tap is inserted into the jumper contact slot.



Always push power tap (283-407) down into the terminal block until fully inserted!

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

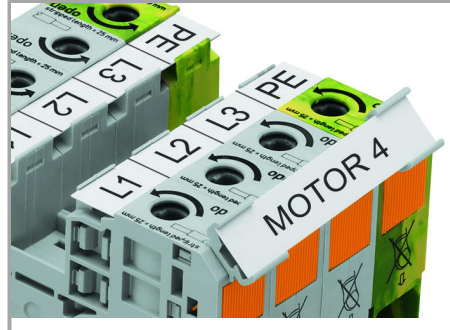
### Testing



Testing with test plug adapter (283-404)

### Testing

### Marking



WMB markers or self-adhesive, printable marking strips can be accommodated on 35, 50 and 95 mm<sup>2</sup> high-current terminal blocks.

Marker carrier for marking strips (2009-110) or 2 x WMB markers for 285-13x, 285-15x and 285-19x terminal blocks

### Product family

#### POWER CAGE CLAMP

[Learn more about the product family.](#)

[Show all products from the family](#)

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