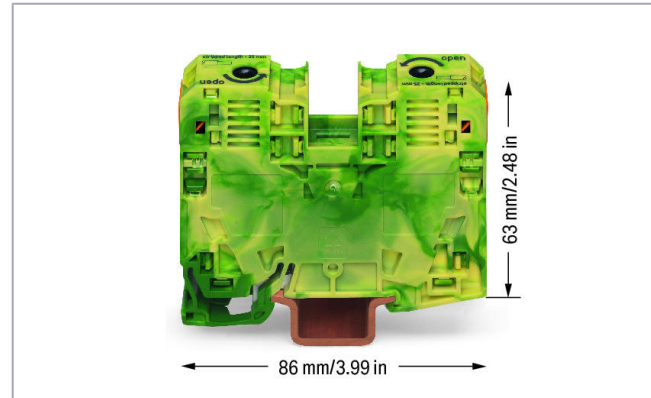
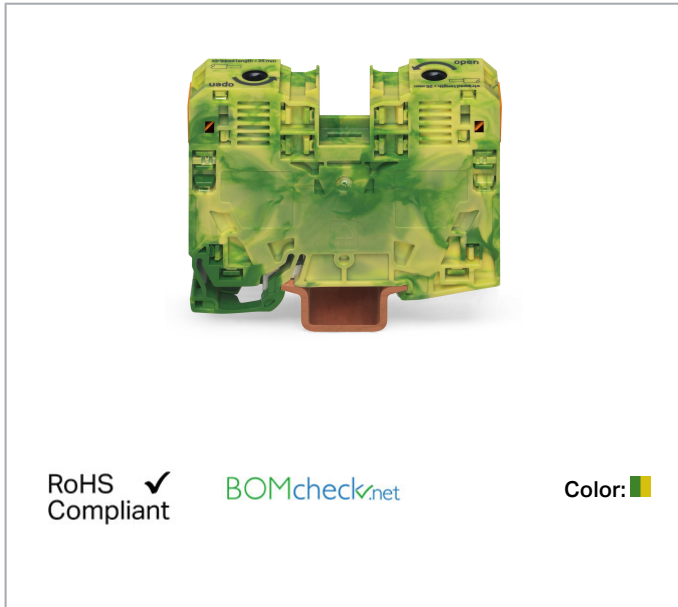


## Data sheet | Item number: 285-137

2-conductor ground 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>; green-yellow



[www.wago.com/285-137](http://www.wago.com/285-137)



### Data

#### Electrical data

#### Ratings per IEC/EN

Ratings per

IEC/EN 60947-7-2

#### Connection data

Connection technology	POWER CAGE CLAMP
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	6 ... 35 mm <sup>2</sup> / 8 ... 2 AWG
Stranded conductor	6 ... 35 mm <sup>2</sup> / 8 ... 2 AWG
Fine-stranded conductor	6 ... 35 mm <sup>2</sup> / 8 ... 2 AWG
Strip length	25 mm / 0.98 inch
Total number of connection points	2
Total number of potentials	1
Number of levels	1

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.

Wiring type

Side-entry wiring

### Physical data

Width

16 mm / 0.63 inch

Height

86 mm / 3.386 inch

### Mechanical data

Design

horizontal type

Mounting type

DIN-35 rail

Marking level

Side marking

### Material data

Color

green-yellow

Insulation material

Polyamide (PA66)

Fire load




1.209 MJ

Weight

108.3 g

### Approvals / Certificates

#### Country specific Approvals

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

#### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	20-HG1941090-PDA

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



DNV GL

Det Norske Veritas, Germanischer Lloyd

TAE00001V2



LR

Lloyds Register

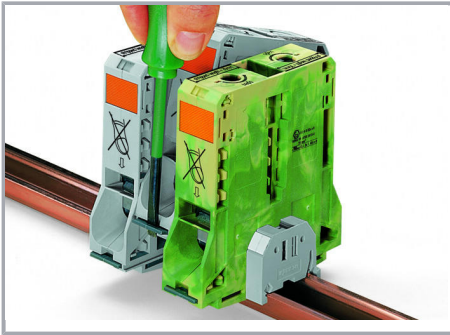
EN 60947

91/20112  
(E9)



## Installation Notes

### Installation



Removing a terminal block from the assembly (to the left or to the right).

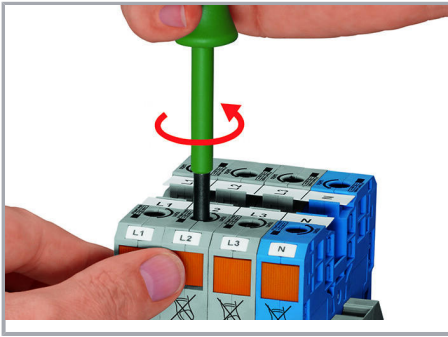


### Grounding foot:

Ground conductor terminal blocks (limited to max. 120 mm<sup>2</sup>/250 kcmil per EN 60947-7-2) must be snapped onto a 2.3 mm thick copper DIN-rail.

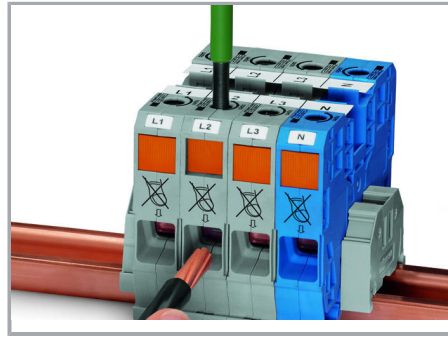
### Conductor termination

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



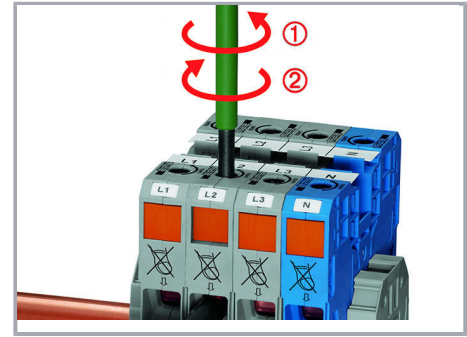
**Conductor termination – step 1:**

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.



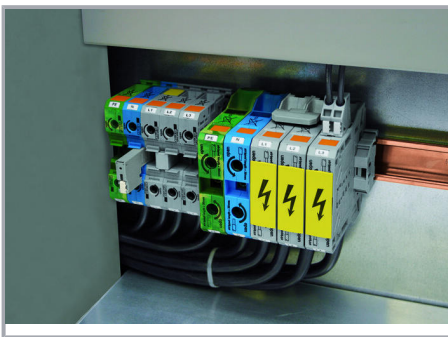
**Conductor termination – step 2:**

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



**Conductor termination – step 3:**

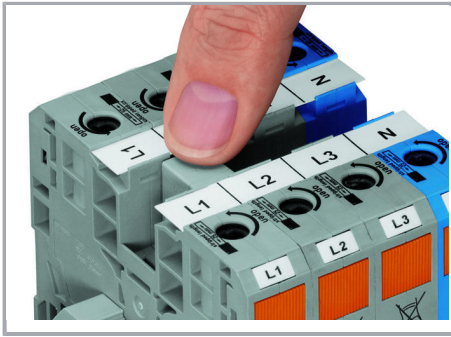
A short counter-clockwise rotation closes the clamp, securing the conductor. When unlocked, allow the operating tool to rotate clockwise to securely terminate the conductor.



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

**Commoning**

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

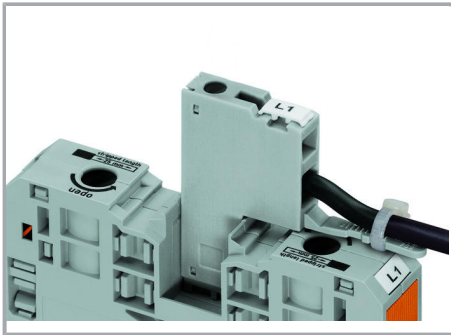


Commoning adjacent terminal blocks using a centrally positioned push-in jumper.

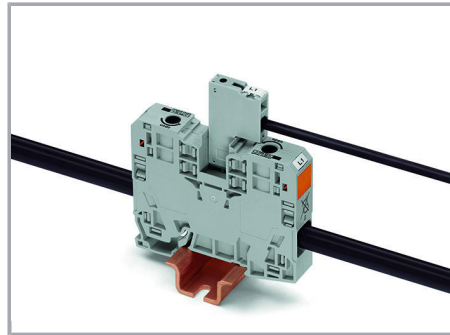


Slide the marking strip laterally to remove the jumper.

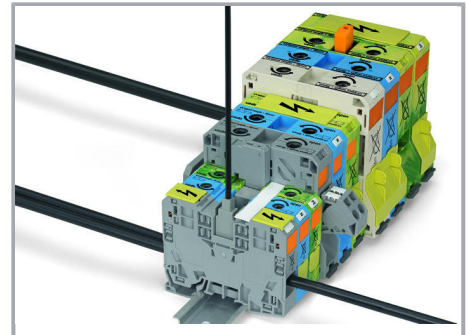
### Power tap



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

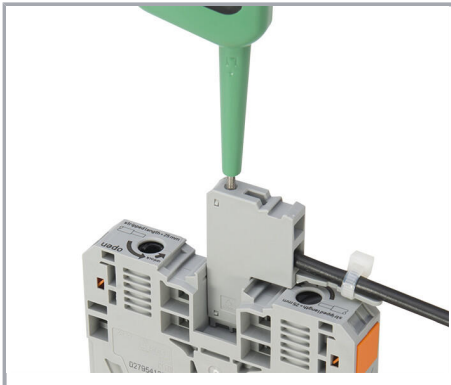


Power tap inserted in a jumper contact slot

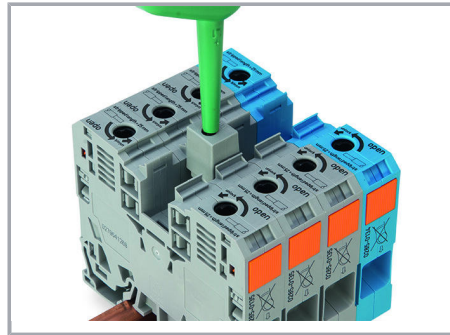


Always push voltage tap (283-407) down into the terminal block until fully inserted!

### Testing



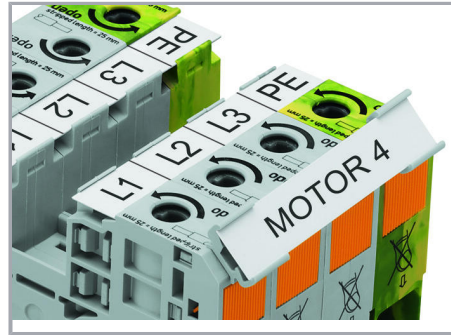
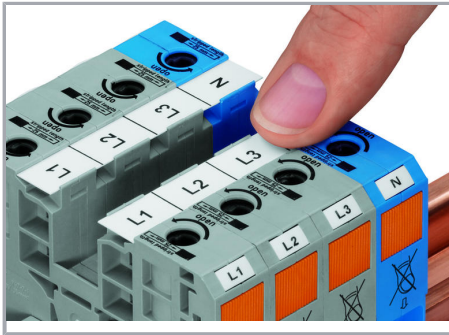
Testing



Testing with test plug adapter (283-404).

### Marking

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



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 WMB markers for 285-13x, 285-15x and 285-19x Terminal Blocks

## Product family

### POWER CAGE CLAMP

[Show all products from the family](#)

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