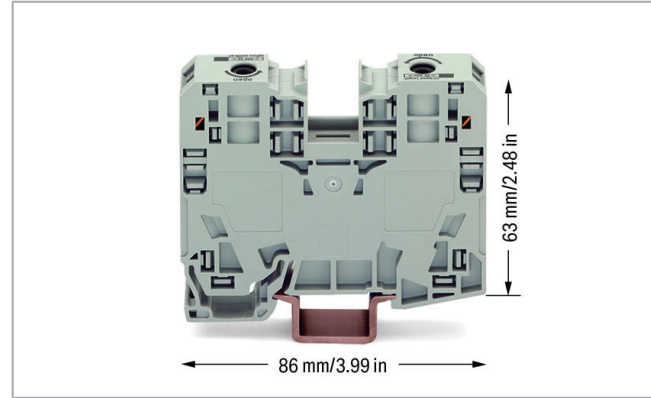
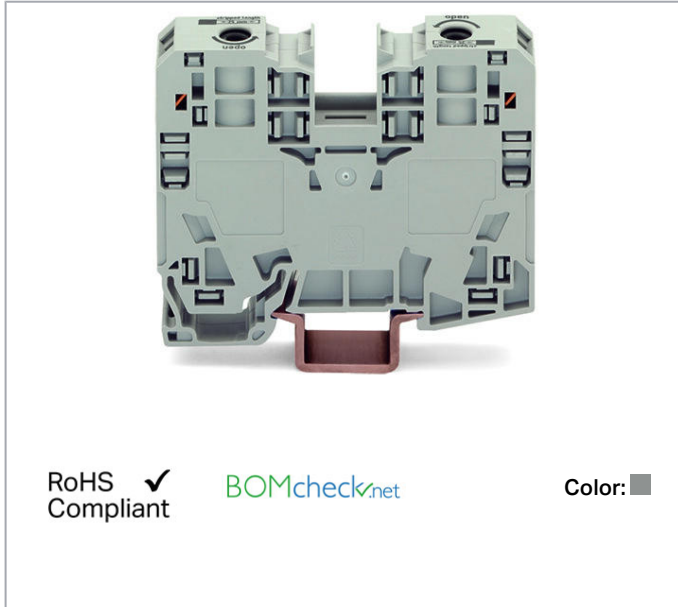


Data sheet | Item number: 285-135

2-conductor through terminal block; 35 mm²; lateral marker slots; only for
DIN 35 x 15 rail; POWER CAGE CLAMP; 35,00 mm²; gray



www.wago.com/285-135



Data

Electrical data

Ratings per IEC/EN

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

Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	115 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	115 A

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

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Ratings per CSA

Approvals per	C22.2 No 158
Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	115 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group D)	115 A

Connection data

Connection technology	POWER CAGE CLAMP
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	6 ... 35 mm ² / 8 ... 2 AWG
Stranded conductor	6 ... 35 mm ² / 8 ... 2 AWG
Fine-stranded conductor	6 ... 35 mm ² / 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
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	gray
Insulation material	Polyamide (PA66)
Fire load	1.246 MJ
Weight	79.3 g




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

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
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	EN 60947	91/20112 (E9)

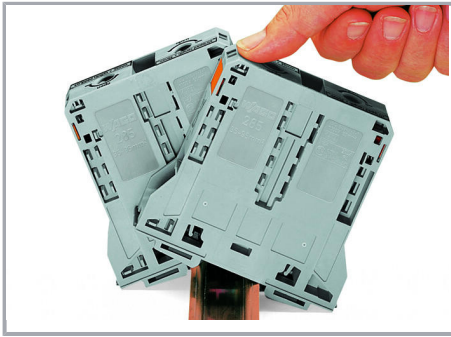
Installation Notes

Installation

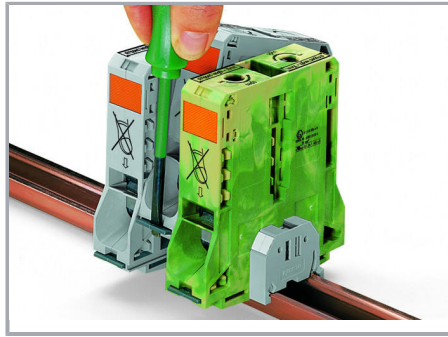
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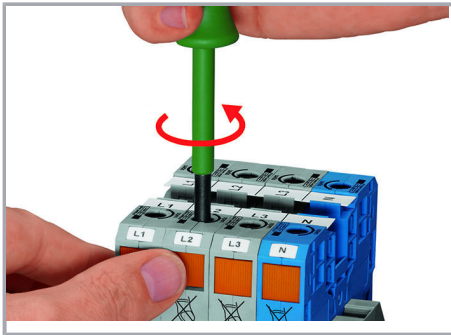


Snapping a terminal block onto DIN-rail (to the left or to the right).



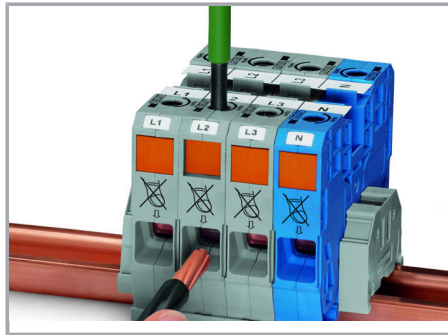
Removing a terminal block from the assembly (to the left or to the right).

Conductor termination



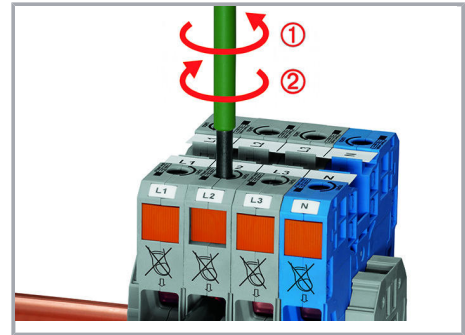
Conductor termination – step 1:

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:

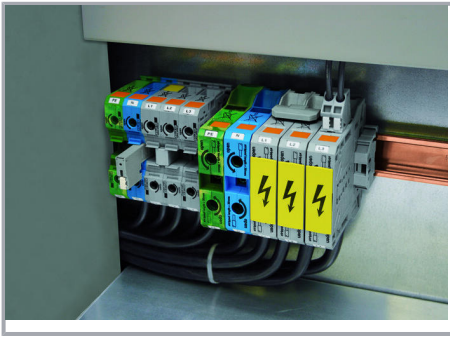
Insert a stripped conductor into the clamping unit until it hits the backstop. Hold in this position.



Conductor termination – step 3:

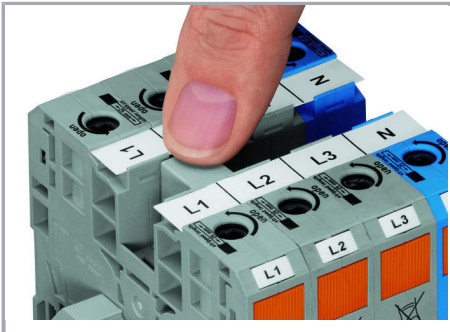
A short counter-clockwise rotation closes the clamp, securing the conductor. When unlocked, allow the operating tool to rotate clockwise to securely terminate the conductor.

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.

Commoning



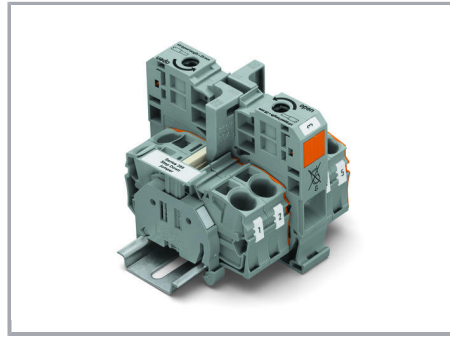
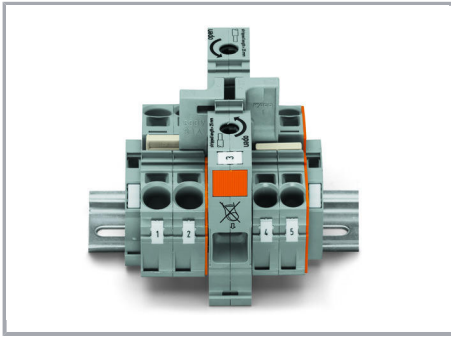
Commoning adjacent terminal blocks using a centrally positioned push-in jumper.



Slide the marking strip laterally to remove the jumper.

Commoning

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



Commoning 35 mm² (2 AWG) POWER CAGE CLAMP Terminal Blocks with 10/16 mm² (8/6 AWG) 2010 and 2016 Series TOPJOP® S Terminal Blocks using step-down jumpers (not valid for 2016-76xx and 2016-77xx).

Step-down jumpers common terminal blocks of different sizes, without losing a conductor clamping point. This can be beneficial on long conductor runs where voltage drop can be a problem. A large conductor can be easily connected to smaller conductors at the distribution point.

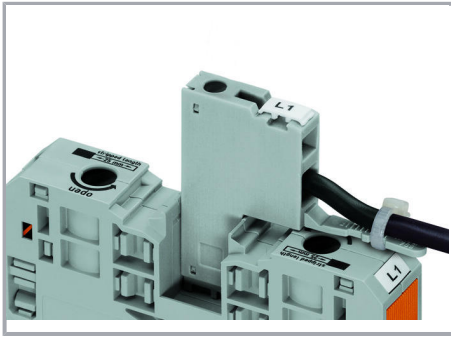
Step-down jumpers are simply pushed down for full insertion, similar to adjacent jumpers. Commoning may be made in either direction using the special thin end plate to cover the open side. Additional through terminal blocks having a smaller cross-section may be commoned using adjacent jumpers.

The following should be noted:

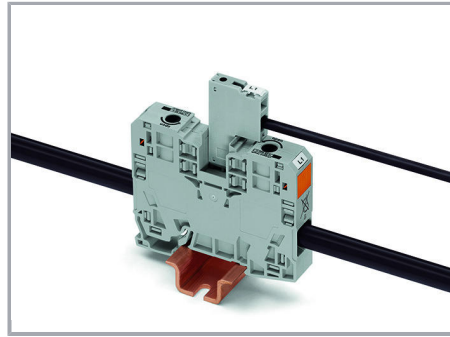
The total current of the outgoing circuits does not exceed the nominal current of the step-down jumper.

Power tap

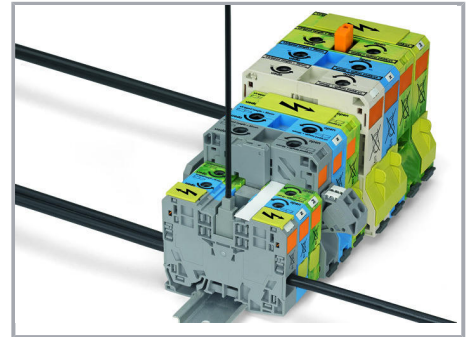
Subject to changes. Please also observe the further product documentation!



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

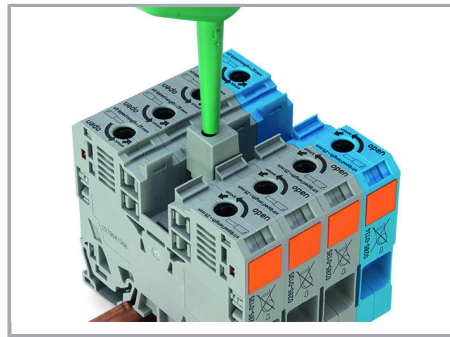
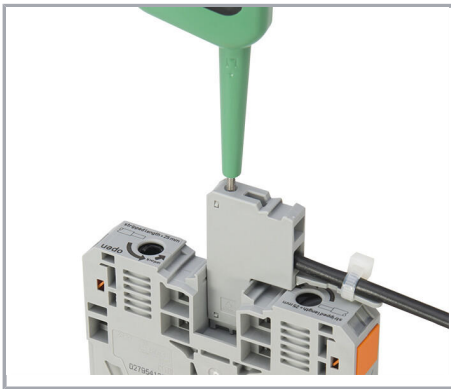


Power tap inserted in a jumper contact slot



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

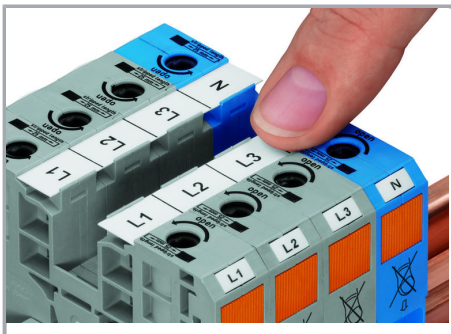
Testing



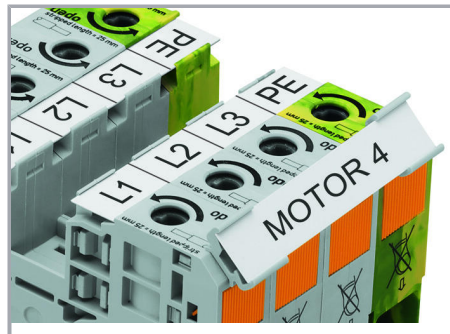
Testing with test plug adapter (283-404).

Testing

Marking



WMB markers or self-adhesive, printable marking strips can be accommodated on 35, 50 and 95 mm² 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

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

Data sheet | Item number: 285-135

www.wago.com/285-135



Product family

POWER CAGE CLAMP

[Show all products from the family](#)

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