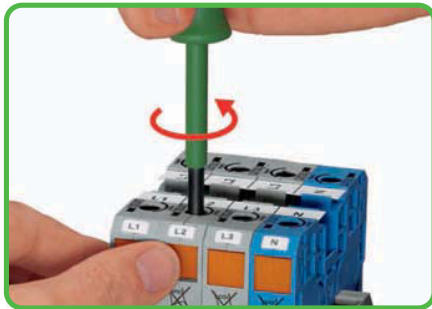


High-Current, Rail-Mounted Terminal Blocks 35 mm² 285 Series

Conductor termination



Insert operating tool and turn counterclockwise. Then push in orange locking tab for handsfree wiring.

Commoning



Commoning adjacent terminal blocks using centrally positioned adjacent jumpers.



Slide the marking strip laterally to remove the jumper.

Conductor termination

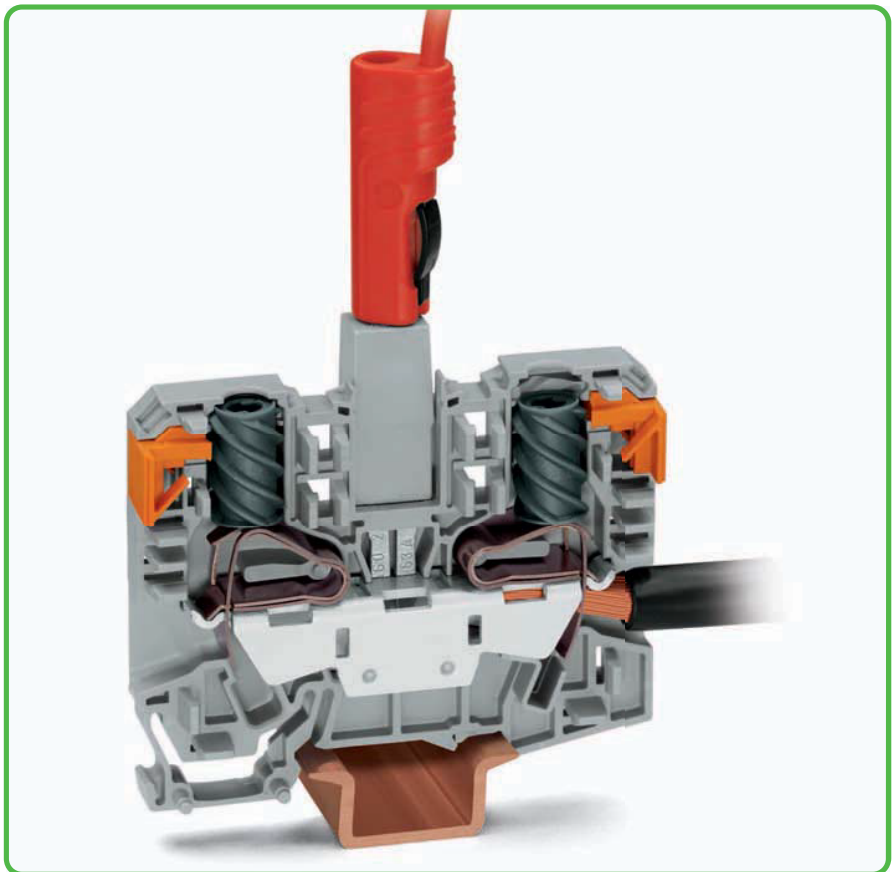


Insert stripped conductor into the clamping unit until it hits backstop; hold conductor in position.

Conductor termination



Unlock the locking tab with a short counterclockwise turn of the operating tool ①, when unlocked allow operating tool to rotate clockwise ② to securely terminate the conductor.



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

POWER CAGE CLAMP clamps the following copper conductors:*

* For aluminum conductors, see notes in Section 14.

solid

stranded

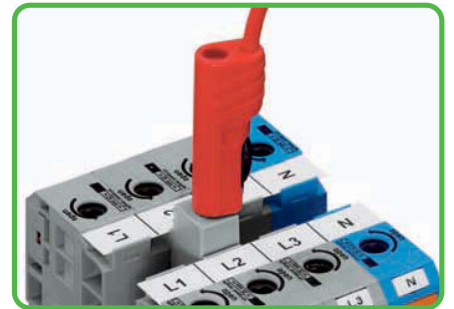
fine-stranded, also with tinned single strands

- Description and Handling -

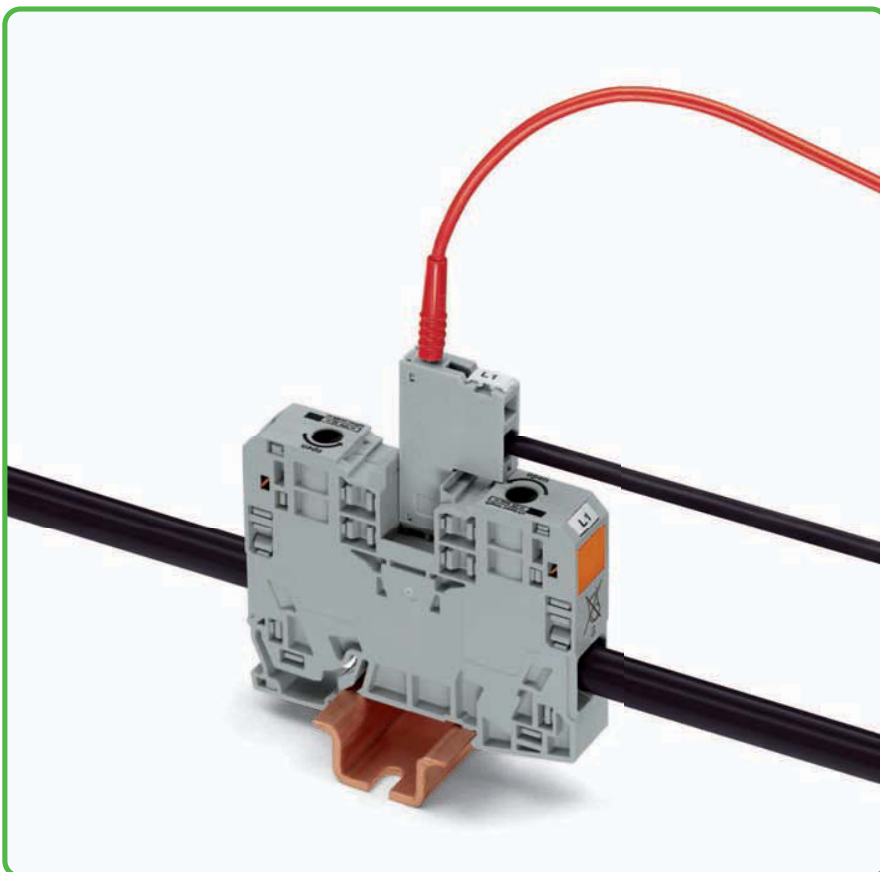


Rail-mounted, high-current terminal blocks 35 mm²/AWG 2 and 50 mm²/AWG 1

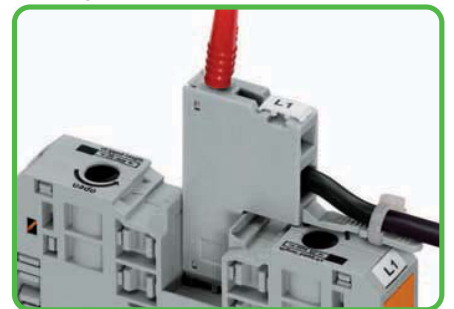
Testing



Testing with touch-proof test sockets 4 mm Ø.
(not offered by WAGO - e.g., mfd by Multi-Contact Deutschland GmbH)



Testing



The voltage tap is inserted into the jumper contact slot. It can be fitted with a strain relief plate and provides a testing option for test plug 2 mm Ø.

Marking



In addition to the WMB marking system, custom marking strips can also be used.

Marking



Adapter for marking strips or 2 x WMB

Commoning with step-down jumpers



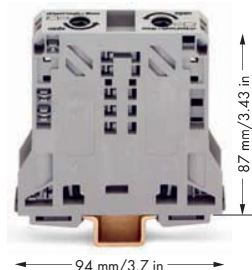
Commoning from 35 mm²/AWG 2 POWER CAGE CLAMP terminal blocks to 10/16 mm² (AWG 8/10) TOPJOB® terminal blocks



fine-stranded,
with ferrule
(gastight crimped)

High-Current, Through and Ground Conductor Terminal Blocks 50 (70 "f-st") mm² 285 Series

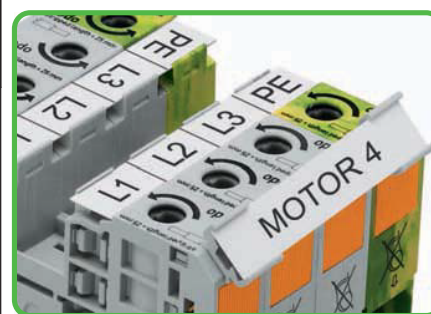
10 - 50 (70 "f-st") mm ² 1000 V/8 kV/3 ① I _N 150 A Terminal block width 20 mm / 0.787 in 30 mm / 1.18 in ②	AWG 8 - 1 600 V, 150 A ③ 600 V, 150 A ③	0.2 - 6 mm ² 1000 V/8 kV/3 ① I _N 41 A module width 16 mm / 0.63 in 12 - 13 mm / 0.49 in ②	AWG 24 - 10 600 V, 30 A ③ 600 V, 41 A ③
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- ① 1000 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ② Strip length, see packaging or instructions.
- ③ Jumper can only be removed or inserted when the clamp is in closed position.

Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor through terminal block , to be used exclusively on DIN 35 x 15 rail		Voltage tap , for 50 mm ² high-current terminal blocks	
gray	285-150 5	gray	285-447 5
blue	285-154 5		
2-conductor ground terminal block , to be used exclusively on DIN 35 x 15 rail; 2.3 mm thick, copper			
green-yellow	285-157 5		
Item-Specific Accessories		Item-Specific Accessories	
Adjacent jumper , insulated, ③ I _N 150 A for 1 jumper, I _N 130 A for 2 - 4 jumpers		Protective warning marker , with high-voltage symbol, black, for 5 terminal blocks	
gray	285-450 100 (4x25)	yellow	284-415 50 (2x25)
Protective warning marker , with high-voltage symbol, black		WMB Multi marking system , 10 strips with 10 markers per card, for terminal widths 5 - 17.5 mm	
yellow	285-440 50 (2x25)	plain	793-501 5
Finger guard , touchproof cover protects unused conductor entries and jumper slots		WMB Multi marking system , 10 strips with 10 markers per card, stretchable 5 - 5.2 mm	
yellow	285-441 100 (4x25)	plain	793-5501 5
Allen wrench with partially insulated shaft			
	285-172 1		
Three-phase set , with 50 mm ² high-current terminal blocks			
	285-159 1		
WMB Multi marking system , 10 strips with 10 markers per card, for terminal widths 5 - 17.5 mm			
	plain 793-501 5		
WMB Multi marking system , 10 strips with 10 markers per card, stretchable 5 - 5.2 mm			
	plain 793-5501 5		
Marking strip , plain, 11 mm wide, 50 m roll			
	white 2009-110 1		
Marker carrier , for POWER CAGE CLAMP 35/50/95 mm ² , 5 mm wide			
	gray 285-442 25		
Copper carrier rail , acc. to EN 60715, 35 x 15 mm, 2.3 mm, 2 m/6'6" long			
	unslotted 210-198 10		

Description and handling see pages 464 and 465



Adapter for marking strips or 2 x WMB