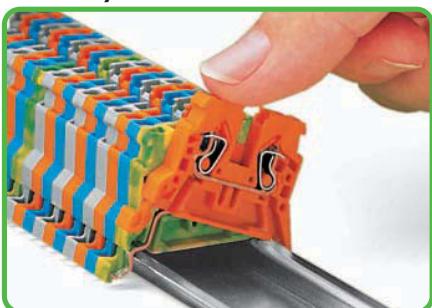


Compact Rail-Mounted Terminal Blocks for DIN 15 and DIN 35 Rails

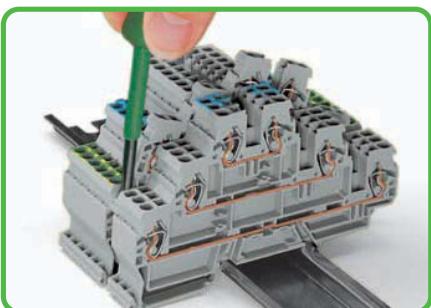
870 Series

Assembly



Snapping a rail-mount terminal block onto DIN 35 carrier rail.

Removal



Removing a terminal block from the assembly.

Insulation stop



Inserting an insulation stop.

Push-in type jumper bar system



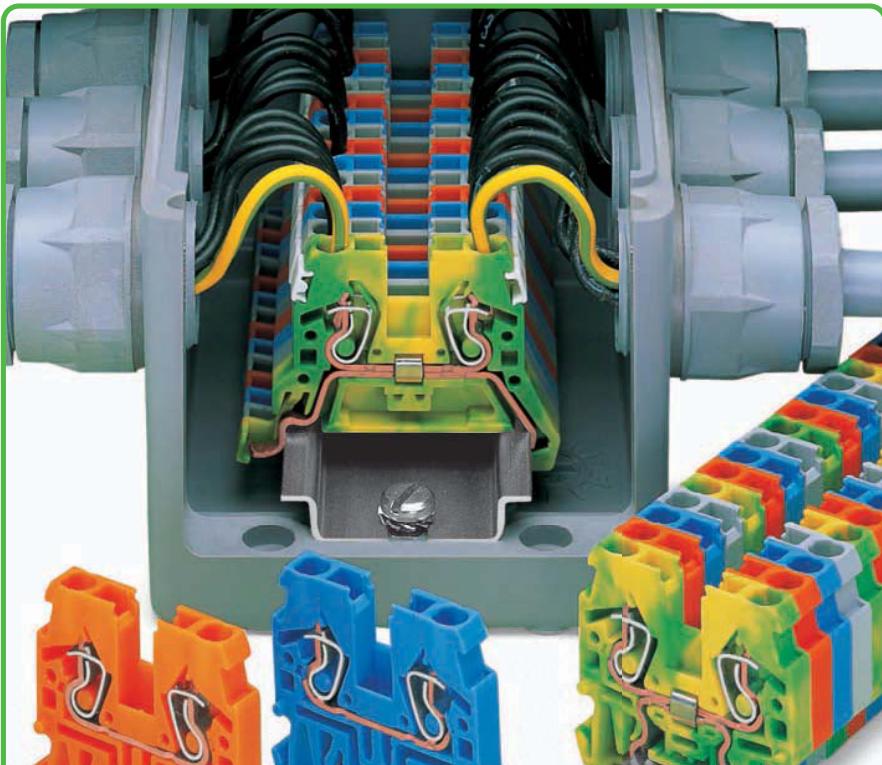
Push jumper bars down firmly until fully inserted. When using multipole bars, push alternately on right and then left side, until installed.

Push-in type jumper bars 1 - 3 - 5 - 7 or 1 - - 4 - - 7 upon request.

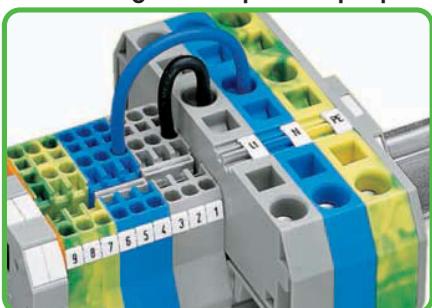
Push-in type jumper bar system



Two parallel jumper receptacles are accommodated in one terminal block.

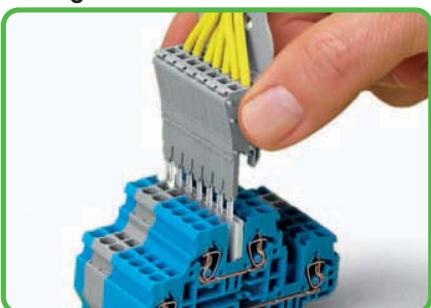


Commoning with step-down jumpers



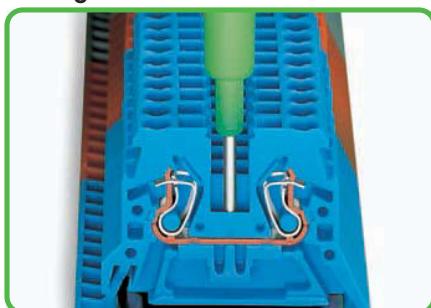
Commoning terminal blocks of different sizes – step down.

Testing



Testing is also possible using a pre-wired module assembly, similar to test plugs.

Testing



Testing with phase testing device, also possible with single-pole voltage tester.

CAGE CLAMP®
clamps the following
copper conductors:^{*}

solid



stranded

fine-stranded,
also with tinned
single strands

* For aluminum conductors, see notes in Section 14.

① When using ferrules, the max. conductor cross section accommodated is one size smaller than max. rating of terminal block.

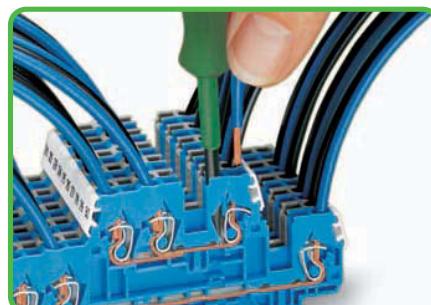
- Description and Handling -

CAGE CLAMP® connection

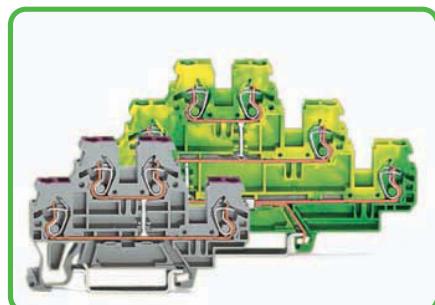


Terminating fine-stranded conductors ranging from 0.08 to 4 mm² (AWG 28 – 12).

CAGE CLAMP® connection



Multilevel terminal blocks

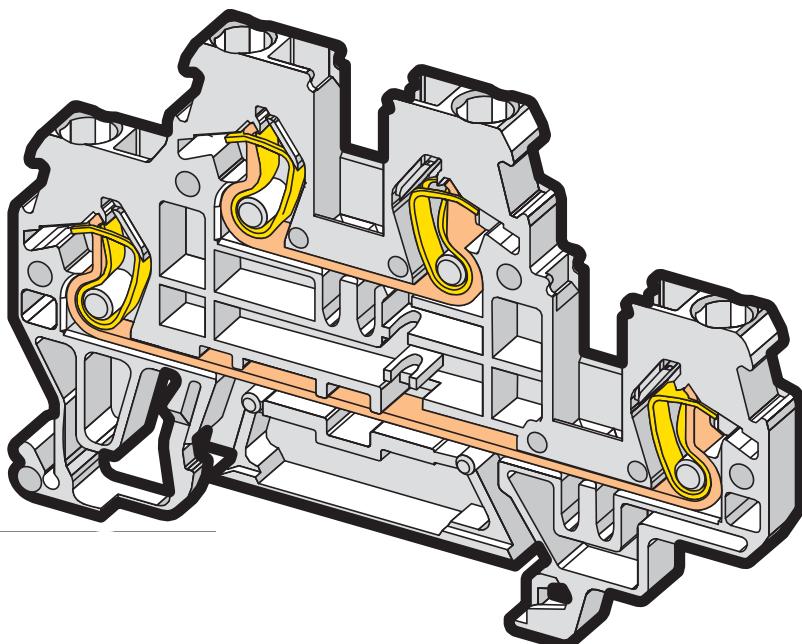


Double- and triple-deck terminal blocks with internal comming acting as 4- and 6-conductor terminal blocks.

Protective warning marker



Protective warning markers (280-405), with black high-voltage symbols.

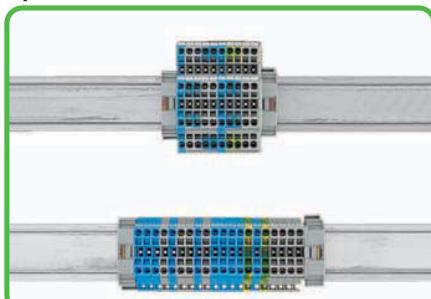


Marking



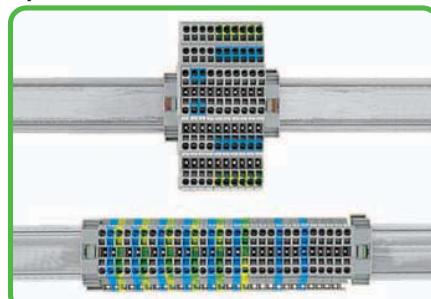
Marking the clamping unit via WMB Multi marking system or miniature WSB Quick marking system.

Space saver



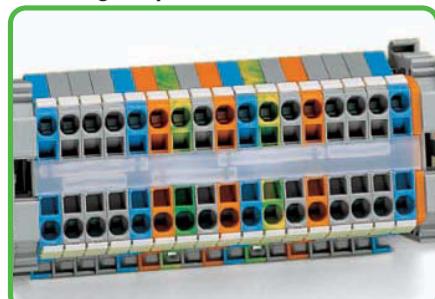
Save 50% of rail space when using double-deck terminal blocks.

Space saver



Save 67% of rail space when using triple-deck terminal blocks.

Marking Strips



Transparent marker strips (note: Jumpers below may be visible).

fine-stranded,
tip-bonded

fine-stranded,
with ferrule ①
(gastight crimped)

fine-stranded,
with pin terminal
(gastight crimped)

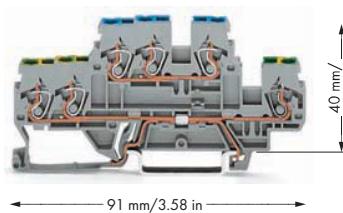
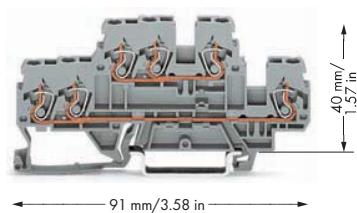
3-Conductor Double-Deck Terminal Blocks 2.5 mm² (4 mm² "f-st") 870 Series

/CAGE CLAMP®

4

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0.08 - 2.5 (4" f-st") mm ² ① AWG 28 - 12 500 V/6 kV/3 ② I _N 24 A Terminal block width 5 mm / 0.197 in 6 - 7 mm / 0.26 in ③	300 V, 20 A _{us}	0.08 - 2.5 (4" f-st") mm ² ① AWG 28 - 12 500 V/6 kV/3 ② I _N 24 A Terminal block width 5 mm / 0.197 in 6 - 7 mm / 0.26 in ③
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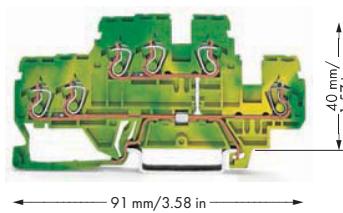
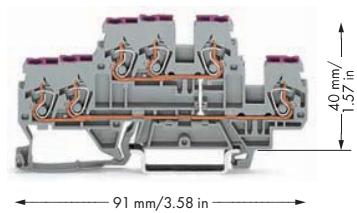


① Max. insulation diameter: 4.4 mm

② 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)

③ Strip length, see packaging or instructions.
④ Suitable for Ex i applications
⑤ See application notes for:
Insulation stop, page 199

Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories	
Through/through terminal block, gray housing		Ground conductor/through terminal block, gray housing			
○ L/L	870-531	50	○ PE/N	870-535	50
○ N/L	870-532	50	○ PE/L	870-536	50
○ L/N	870-533	50			
Through/through terminal block, blue housing					
● N/N	870-534	④ 50			



Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories	
6-conductor through terminal block, internal commoning, conductor entry position colored in violet, gray housing		6-conductor ground terminal block, internal commoning, green-yellow housing			
○ L	870-538	50	○ PE	870-537	50
6-conductor through terminal block, internal commoning, conductor entry position colored in violet, blue housing					
● N	870-539	④ 50			
				Push-in type jumper bar, insulated, I _N 18 A, light gray	
				2-way 870-402 200 (8x25)	
				3-way 870-403 200 (8x25)	
				4-way 870-404 200 (8x25)	
				5-way 870-405 100 (4x25)	
				6-way 870-406 100 (4x25)	
				7-way 870-407 100 (4x25)	
				8-way 870-408 100 (4x25)	
				9-way 870-409 100 (4x25)	
				10-way 870-410 100 (4x25)	
				Push-in type jumper bar, insulated, I _N 18 A, light gray	
				from 1 to 3 870-433 200 (8x25)	
				from 1 to 4 870-434 200 (8x25)	
				from 1 to 5 870-435 100 (4x25)	
				from 1 to 6 870-436 100 (4x25)	
				from 1 to 7 870-437 100 (4x25)	
				from 1 to 8 870-438 100 (4x25)	
				from 1 to 9 870-439 100 (4x25)	
				from 1 to 10 870-440 100 (4x25)	
				Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks	
				yellow 280-405 100 (4x25)	
				Marking strip, plain, 7.5 mm wide, 1 m/3'3" long	
				translucent 709-196 1	

For list of approvals and user guide, see pages 634 to 637.

WAGO®