

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

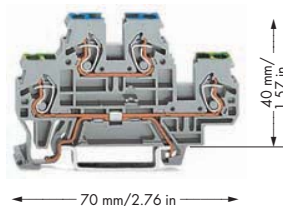
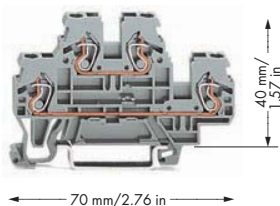
CAGE CLAMP®

0.08 - 2.5 (4 "f-st") mm² 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

0.08 - 2.5 (4 "f-st") mm² 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



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.

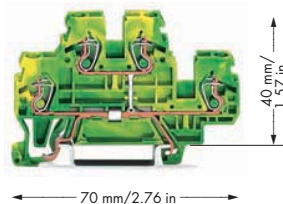
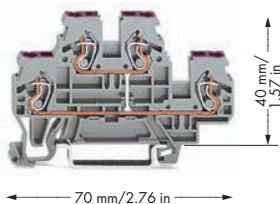
④ Suitable for Ex i applications

⑤ Suitable for Ex e II applications
0.2 mm² - 2.5 (4 "f-st") mm²/AWG 24 - 12
440 V, 18 A

Using push-in type jumper bars 1 to X, the maximum rated voltage is reduced to 275 V and the rated current to 13.5 A
(also see Section 14)

⑥ 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		WMB/Miniature WSB (see Section 13)
○ L/L	870-501 50	○ PE/N	870-517 50	End and intermediate plate, 2 mm thick
○ N/L	870-502 50	○ PE/L	870-527 50	orange 870-519 100 (4x25)
○ L/N	870-503 50			gray 870-518 100 (4x25)
Through/through terminal block, blue housing				Ex e/Ex i separator, orange, 3 mm thick
● N/N	870-504 ④ 50			125.5 mm 209-192 50 (2x25)
Through/through terminal block, light gray housing		Ground conductor/through terminal block, light gray housing		Insulation stop, ⑥
○ L/L ⑤	870-961 ⑤ 50	○ PE/L ⑤	870-967/999-950 ⑤ 50	5 pcs/strip, 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st") white 280-470 200 (8x25)
Other terminal blocks with the same profile:				Insulation stop, ⑥
Diode	870-540/281-410 Page 288			5 pcs/strip, 0.25 - 0.5 mm ² light gray 280-471 200 (8x25)
LED	870-543/281-434 Page 288			Insulation stop, ⑥
				5 pcs/strip, 0.75 - 1 mm ² dark gray 280-472 200 (8x25)



Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories
4-conductor through terminal block, internal commoning, conductor entry position colored in violet, gray housing		4-conductor ground terminal block, internal commoning, green-yellow housing		Push-in type jumper bar, insulated, I_N 18 A, light gray
○ L	870-508 50	● PE	870-507 50	2-way 870-402 200 (8x25)
4-conductor through terminal block, internal commoning, conductor entry position colored in violet, blue housing				3-way 870-403 200 (8x25)
● N	870-509 ④ 50			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)

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