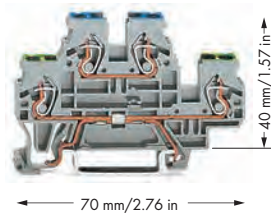
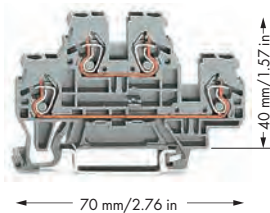


# Double-Deck Terminal Blocks 2.5 mm<sup>2</sup> (4 mm<sup>2</sup> "f-st") 870 Series



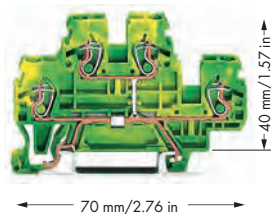
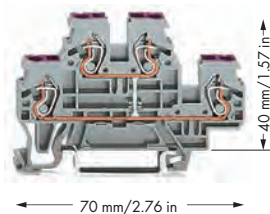
0.08 ... 2.5 (4 "f-st") mm <sup>2</sup> ① 500 V/6 kV/3 ② I <sub>N</sub> 24 A Terminal block width 5 mm / 0.197 in. 6 ... 7 mm / 0.26 in. ③	AWG 28 ... 12 300 V, 20 A ④	0.08 ... 2.5 (4 "f-st") mm <sup>2</sup> ① 500 V/6 kV/3 ② I <sub>N</sub> 24 A Terminal block width 5 mm / 0.197 in. 6 ... 7 mm / 0.26 in. ③	AWG 28 ... 12
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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 Suitable for Ex e II applications  
0.2 mm<sup>2</sup> ... 2.5 (4 "f-st") mm<sup>2</sup>/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 293

Item No.	Pack. Unit	Item No.	Pack. Unit
<b>Through/through terminal block,</b> gray housing		<b>Ground conductor/through terminal block,</b> gray housing	
○ L/L	870-501 50	○ PE/N	870-517 50
○ N/L	870-502 50	○ PE/L	870-527 50
○ L/N	870-503 50		
<b>Through/through terminal block,</b> blue housing			
● N/N	870-504 ④ 50		
<b>Through/through terminal block,</b> light gray housing		<b>Ground conductor/through terminal block,</b> light gray housing	
○ L/L ⑥	870-961 ⑤ 50	○ PE/L ⑥	870-967/999-950 ⑤ 50
<b>Other terminal blocks with the same profile:</b>			
Diode	870-540/281-410 Page 384		
LED	870-543/281-434 Page 384		

Accessories		
WMB/Miniature WSB (see Section 13)		
<b>End and intermediate plate, 2 mm thick</b>		
	orange	870-519 100 (4x25)
	gray	870-518 100 (4x25)
<b>Ex e/Ex i separator, orange,</b> 3 mm thick		
	125.5 mm	209-192 50 (2x25)
<b>Insulation stop,</b> ⑥ 5 pcs/strip, 0.08 ... 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st")		
	white	280-470 200 (8x25)
	light gray	280-471 200 (8x25)
	dark gray	280-472 200 (8x25)



Item No.	Pack. Unit	Item No.	Pack. Unit
<b>4-conductor through terminal block,</b> internal commoning, conductor entry position colored in violet, gray housing		<b>4-conductor ground terminal block,</b> internal commoning, green-yellow housing	
○ L	870-508 50	● PE	870-507 50
<b>4-conductor through terminal block,</b> internal commoning, conductor entry position colored in violet, blue housing			
● N	870-509 ④ 50		

	light gray	870-402 200 (8x25)
	3-way	870-403 200 (8x25)
	4-way	870-404 100 (4x25)
	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 50 (2x25)
<b>Push-in type jumper bar, insulated,</b> I <sub>N</sub> 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 50 (2x25)
<b>Protective warning marker,</b> with high-voltage symbol, black, for 5 terminal blocks		
	yellow	280-405 100 (4x25)