

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

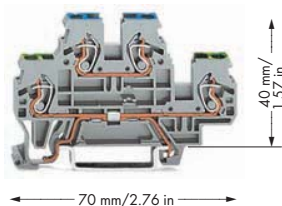
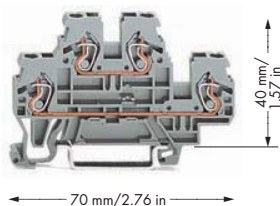
CAGE CLAMP®

0.08 - 2.5 (4 "f-st") mm<sup>2</sup> ① AWG 28 - 12  
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

0.08 - 2.5 (4 "f-st") mm<sup>2</sup> ① AWG 28 - 12  
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



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.

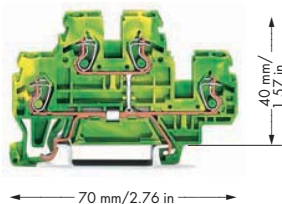
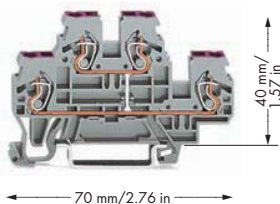
④ Suitable for Ex i applications

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 199

| Item No.                                                     | Pack. Unit | Item No.                                                              | Pack. Unit | Accessories                                                                                                                                                                                                                           |
|--------------------------------------------------------------|------------|-----------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Through/through terminal block,</b><br>gray housing       |            | <b>Ground conductor/through terminal block,</b><br>gray housing       |            | WMB/Miniature WSB<br>(see Section 13)                                                                                                                                                                                                 |
| ○ L/L <b>870-501</b>                                         | 50         | ○ PE/N <b>870-517</b>                                                 | 50         | <b>End and intermediate plate, 2 mm thick</b><br><br>orange <b>870-519</b> 100 (4x25)<br>gray <b>870-518</b> 100 (4x25)                            |
| ○ N/L <b>870-502</b>                                         | 50         | ○ PE/L <b>870-527</b>                                                 | 50         |                                                                                                                                                                                                                                       |
| ○ L/N <b>870-503</b>                                         | 50         |                                                                       |            |                                                                                                                                                                                                                                       |
| <b>Through/through terminal block,</b><br>blue housing       |            |                                                                       |            | <b>Ex e/Ex i separator, orange,</b><br>3 mm thick<br><br>125.5 mm <b>209-192</b> 50 (2x25)                                                       |
| ● N/N <b>870-504</b> ④                                       | 50         |                                                                       |            |                                                                                                                                                                                                                                       |
| <b>Through/through terminal block,</b><br>light gray housing |            | <b>Ground conductor/through terminal block,</b><br>light gray housing |            | <b>Insulation stop,</b><br>⑥ <br>5 pcs/strip,<br>0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st")<br>white <b>280-470</b> 200 (8x25) |
| ○ L/L ⑤ <b>870-961</b>                                       | 50         | ○ PE/L ⑤ <b>870-967/999-950</b>                                       | 50         |                                                                                                                                                                                                                                       |
| <b>Other terminal blocks with the same profile:</b>          |            |                                                                       |            | <b>Insulation stop,</b><br>⑥ <br>5 pcs/strip,<br>0.25 - 0.5 mm <sup>2</sup><br>light gray <b>280-471</b> 200 (8x25)                              |
| Diode <b>870-540/281-410</b>                                 | Page 288   |                                                                       |            |                                                                                                                                                                                                                                       |
| LED <b>870-543/281-434</b>                                   | Page 288   |                                                                       |            |                                                                                                                                                                                                                                       |



| Item No.                                                                                                         | Pack. Unit   | Item No.                                                                    | Pack. Unit |                                                                                       |
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| 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 |            |  |
| ● L                                                                                                              | 870-508 50   | ● PE                                                                        | 870-507 50 |                                                                                       |
| 4-conductor through terminal block, internal commoning, conductor entry position colored in violet, blue housing |              |                                                                             |            |                                                                                       |
| ● N                                                                                                              | 870-509 ④ 50 |                                                                             |            |                                                                                       |
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