





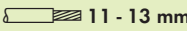
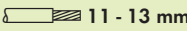
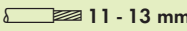
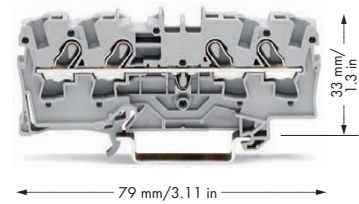
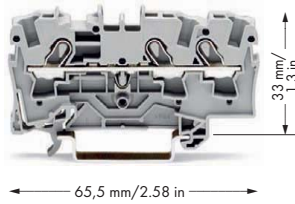
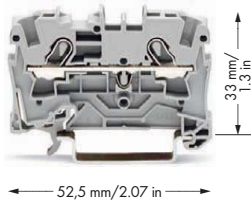































































# Through/Ground Conductor and Terminal Blocks 4 (6) mm<sup>2</sup> TOPJOB® – 2004 Series












0.5 - 4 (6) mm <sup>2</sup> ① 800 V/8 kV/3 ② I <sub>N</sub> 32 A (41 A)	AWG 20 - 10 600 V, 30 A  600 V, 30 A 	0.5 - 4 (6) mm <sup>2</sup> ① 800 V/8 kV/3 ② I <sub>N</sub> 32 A (41 A)	AWG 20 - 10 600 V, 30 A  600 V, 30 A 	0.5 - 4 (6) mm <sup>2</sup> ① 800 V/8 kV/3 ② I <sub>N</sub> 32 A (41 A)	AWG 20 - 10 600 V, 30 A  600 V, 30 A 
Terminal block width 6.2 mm / 0.244 in  11 - 13 mm / 0.47 in ③		Terminal block width 6.2 mm / 0.244 in  11 - 13 mm / 0.47 in ③		Terminal block width 6.2 mm / 0.244 in  11 - 13 mm / 0.47 in ③	



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>2-conductor through terminal block</b>		<b>3-conductor through terminal block</b>		<b>4-conductor through terminal block</b>	
gray  2004-1201  50		gray  2004-1301  50		gray  2004-1401  50	
blue  2004-1204  4  50		blue  2004-1304  4  50		blue  2004-1404  4  50	
orange  2004-1202  50		orange  2004-1302  50		orange  2004-1402  50	
red  2004-1203  50		red  2004-1303  50		red  2004-1403  50	
black  2004-1205  50		black  2004-1305  50		black  2004-1405  50	
yellow  2004-1206  50		yellow  2004-1306  50		yellow  2004-1406  50	
<b>2-conductor ground terminal block</b>		<b>3-conductor ground terminal block</b>		<b>4-conductor ground terminal block</b>	
green-yellow  2004-1207  50		green-yellow  2004-1307  50		green-yellow  2004-1407  50	
<b>Item-Specific Accessories</b>		<b>Item-Specific Accessories</b>		<b>Item-Specific Accessories</b>	
<b>End and intermediate plate, 1 mm thick</b>		<b>End and intermediate plate, 1 mm thick</b>		<b>End and intermediate plate, 1 mm thick</b>	
 orange 2004-1292 100 (4x25)		 orange 2004-1392 100 (4x25)		 orange 2004-1492 100 (4x25)	
 gray 2004-1291 100 (4x25)		 gray 2004-1391 100 (4x25)		 gray 2004-1491 100 (4x25)	
<b>Separator, oversized, 2 mm thick</b>		<b>Separator, oversized, 2 mm thick</b>		<b>Separator, oversized, 2 mm thick</b>	
 orange 2004-1294 100 (4x25)		 orange 2004-1394 100 (4x25)		 orange 2004-1494 100 (4x25)	
 gray 2004-1293 100 (4x25)		 gray 2004-1393 100 (4x25)		 gray 2004-1493 100 (4x25)	
<b>Ex e/Ex i separator, orange, 3 mm thick</b>		<b>Ex e/Ex i separator, orange, 3 mm thick</b>		<b>Ex e/Ex i separator, orange, 3 mm thick</b>	
 90 mm 209-190 50 (2x25)		 120 mm 209-191 50 (2x25)		 120 mm 209-191 50 (2x25)	
 120 mm 209-191 50 (2x25)					

## 2004 Series Accessories

Appropriate marking systems: WMB/Marking strips  
(see Section 13)

 5 pcs/strip, 0.25 - 0.5 mm <sup>2</sup> light gray 2004-171 200 (8x25)	 5 pcs/strip, 0.75 - 1 mm <sup>2</sup> dark gray 2004-172 200 (8x25)	 with high-voltage symbol, black, for 5 terminal blocks yellow 2004-115 100 (4x25)
 I <sub>N</sub> 32 A, light gray 2-way 2004-402 200 (8x25) 3-way 2004-403 200 (8x25) 4-way 2004-404 100 (4x25) 5-way 2004-405 50 (2x25) 6-way 2004-406 100 (4x25) 7-way 2004-407 100 (4x25) 8-way 2004-408 100 (4x25) 9-way 2004-409 100 (4x25) 10-way 2004-410 100 (4x25)	 I <sub>N</sub> 32 A, light gray 1 - 3 2004-433 200 (8x25) 1 - 4 2004-434 200 (8x25) 1 - 5 2004-435 100 (4x25) 1 - 6 2004-436 100 (4x25) 1 - 7 2004-437 100 (4x25) 1 - 8 2004-438 100 (4x25) 1 - 9 2004-439 100 (4x25) 1 - 10 2004-440 100 (4x25)	 modular, for jumper contact slot gray 2004-511 100 (4x25)
		 can be snapped together, e.g., for bridging commoned terminal blocks gray 2004-549 100 (4x25)
		 for modular TOPJOB®S connectors, 1.5 mm thick gray 2004-541 100 (4x25)
 I <sub>N</sub> = I <sub>N</sub> terminal block, light gray 1 - 3 - 5 2004-405/011-000 100 (4x25)	 I <sub>N</sub> 32 A light gray 2006-499 50 (2x25)	 for test plug 4 mm Ø gray 2009-174 100 (4x25)

# Terminal Blocks for Ex i or Ex e II Applications

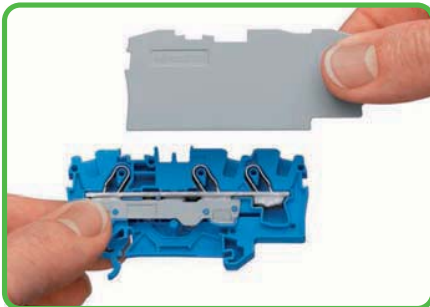


Through terminal blocks with blue insulated housing are suitable for Ex i applications.

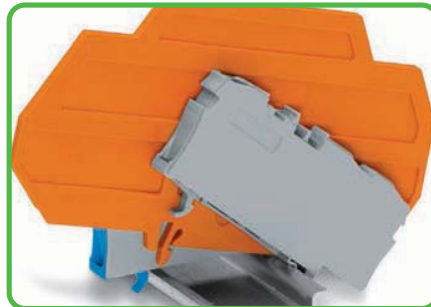


All through and ground conductor terminal blocks are suitable for Ex e II applications.

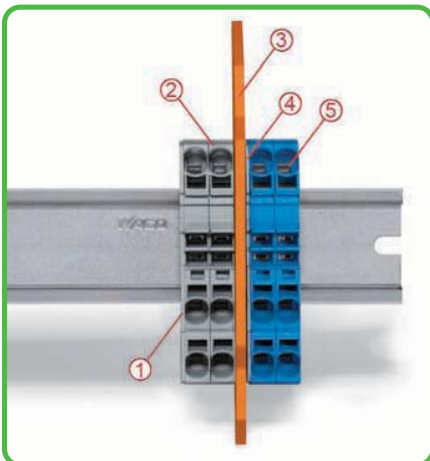
- 1 Conductor sizes: 0.5 mm<sup>2</sup> - 6 mm<sup>2</sup> "s + f-st";  
Push-in conductor sizes: 1 mm<sup>2</sup> - 6 mm<sup>2</sup> "s"  
and 0.75 mm<sup>2</sup> - 2.5 mm<sup>2</sup>  
"insulated ferrule, 12 mm"
- 2 800 V = rated voltage  
8 kV = rated surge voltage  
3 = pollution degree  
(also see Section 14)
- 3 Strip length, see packaging or instructions.
- 4 Suitable for Ex i applications
- 5 Suitable for Ex e II applications  
550 V, 30 A  
Jumper 30 A  
(also see Section 14)
- 6 See application notes for:  
Ex e/Ex i separator plate, page 48



**Separator for Ex e/Ex i applications**  
An end plate must be applied to the terminal block located directly behind an Ex e/Ex i separator plate.



**Ex e II/Ex i terminal strip**  
**Notice:**  
The movable feet of terminal blocks and separator plate must face the same direction.



Separator located between Ex e II and Ex i terminal strip  
 1 End plate  
 2 Ex e II terminal blocks  
 3 Ex e/Ex i separator plate  
 4 End plate  
 5 Ex i terminal blocks

2004 Series Accessories			
<b>Banana plug,</b>	for socket 4 mm Ø, color mixed	215-111	50
<b>Testing tap,</b>	for max. 2.5 mm <sup>2</sup> gray	2009-182	100 (4x25)
<b>Test plug,</b>	with 500 mm/17.7 in cable, 2 mm Ø red	210-136	50
<b>Test plug,</b>	with 500 mm/17.7 in cable, 2.3 mm Ø yellow	210-137	50
<b>WMB Multi marking system,</b>	10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain	793-5501	5
<b>Marking strip, plain,</b>	11 mm wide, 50 m roll white	2009-110	1
<b>TOPJOB®S group marker carrier,</b>	snap-on type for jumper slot, 5 mm wide gray	2009-191	50 (2x25)
<b>Screwless end stop,</b>	for DIN 35 rail, 6 mm/0.236 in wide gray	249-116	100 (4x25)