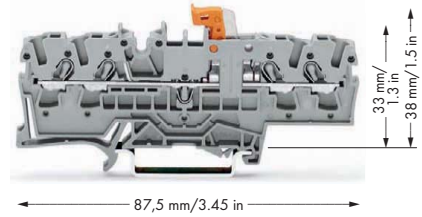
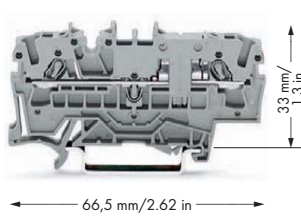


# Disconnect Terminal Blocks for Test and Measurement; and Through Terminal Blocks of Same Profile 2.5 (4) mm<sup>2</sup> TOPJOB® S – 2002 Series

<p>0.25 - 2.5 (4) mm<sup>2</sup> ①   AWG 22 - 12 400 V/6 kV/3 ② I<sub>N</sub> 16 A</p> <p>Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ③</p>	<p>0.25 - 2.5 (4) mm<sup>2</sup> ①   AWG 22 - 12 400 V/6 kV/3 ② I<sub>N</sub> 16 A</p> <p>Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ③</p>	<p>0.25 - 2.5 (4) mm<sup>2</sup> ①   AWG 22 - 12 400 V/6 kV/3 ② I<sub>N</sub> 16 A</p> <p>Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ③</p>
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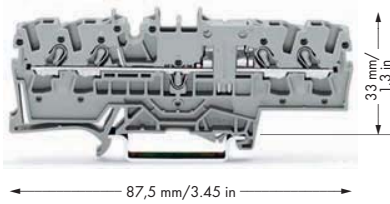
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>2-conductor disconnect terminal block for test and measurement, with test point, orange disconnect link</b>		<b>2-conductor through terminal block, with test point, same profile as 2-conductor disconnect terminal block</b>		<b>4-conductor disconnect terminal block for test and measurement, with test point, orange disconnect link</b>	
gray	2002-1671 50	gray	2002-1601 50	gray	2002-1871 50
blue	2002-1674 50	blue	2002-1604 50	blue	2002-1874 50
orange	2002-1672 50	orange	2002-1602 50	orange	2002-1872 50
<b>Other terminal blocks with the same profile:</b>		<b>Other terminal blocks with the same profile:</b>		<b>Other terminal blocks with the same profile:</b>	
Carrier 2002-1661 Page 90		Carrier 2002-1661 Page 90		Carrier 2002-1661 Page 90	
Fuse 2002-1681 Page 82		Fuse 2002-1681 Page 82		Fuse 2002-1681 Page 82	
<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	2002-1692 100 (4x25)	orange	2002-1692 100 (4x25)	orange	2002-1892 100 (4x25)
gray	2002-1691 100 (4x25)	gray	2002-1691 100 (4x25)	gray	2002-1891 100 (4x25)

## 2002 Series Accessories

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

<p><b>Insulation stop,</b> 5 pcs/strip, 0.25 - 0.5 mm<sup>2</sup> light gray 2002-171 200 (8x25)</p>	<p><b>Push-in type jumper bar, insulated,</b> I<sub>N</sub> 25 A, light gray 1 - 3 2002-433 200 (8x25) 1 - 4 2002-434 200 (8x25) 1 - 5 2002-435 100 (4x25) 1 - 6 2002-436 100 (4x25) 1 - 7 2002-437 100 (4x25) 1 - 8 2002-438 100 (4x25) 1 - 9 2002-439 100 (4x25) 1 - 10 2002-440 100 (4x25)</p>	<p><b>Push-in type wire jumper,</b> insulated, I<sub>N</sub> 16 A, wire size 1.5 mm<sup>2</sup> 60 mm 2009-412 100 (10x10) 110 mm 2009-414 100 (10x10) 250 mm 2009-416 100 (10x10)</p>
<p><b>Insulation stop,</b> 5 pcs/strip, 0.75 - 1 mm<sup>2</sup> dark gray 2002-172 200 (8x25)</p>	<p><b>Staggered jumper,</b> insulated, I<sub>N</sub> 25 A, light gray 2-way 2002-472 100 (4x25) 3-way 2002-473 100 (4x25) 4-way 2002-474 100 (4x25) 5-way 2002-475 50 (2x25) 6-way 2002-476 50 (2x25) 7-way 2002-477 50 (2x25) 8-way 2002-478 50 (2x25) 9-way 2002-479 50 (2x25) 10-way 2002-480 50 (2x25) 11-way 2002-481 50 (2x25) 12-way 2002-482 50 (2x25)</p>	<p><b>TOPJOB®S connector,</b> modular, for jumper contact slot gray 2002-511 100 (4x25)</p>
<p><b>Push-in type jumper bar, insulated,</b> I<sub>N</sub> 25 A, light gray 2-way 2002-402 200 (8x25) 3-way 2002-403 200 (8x25) 4-way 2002-404 200 (8x25) 5-way 2002-405 100 (4x25) 6-way 2002-406 100 (4x25) 7-way 2002-407 100 (4x25) 8-way 2002-408 100 (4x25) 9-way 2002-409 100 (4x25) 10-way 2002-410 100 (4x25)</p>	<p><b>Protective warning marker,</b> with high-voltage symbol, black, for 5 terminal blocks yellow 2002-115 100 (4x25)</p>	<p><b>Spacer module,</b> can be snapped together, e.g., for bridging commoned terminal blocks gray 2002-549 100 (4x25)</p>
		<p><b>End plate,</b> for modular TOPJOB®S connectors, 1.5 mm thick gray 2002-541 100 (4x25)</p>
		<p><b>Test plug,</b> with 500 mm/17.7 in cable, 2 mm Ø red 210-136 50</p>

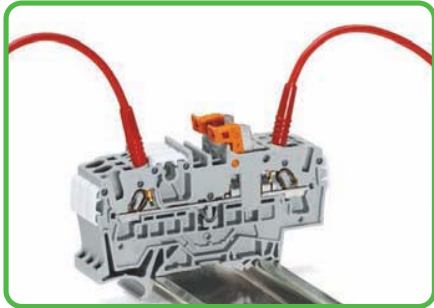
0.25 - 2.5 [4] mm<sup>2</sup> ① | AWG 22 - 12  
 400 V/6 kV/3 ②  
 I<sub>N</sub> 16 A  
 Terminal block width 5.2 mm / 0.205 in  
 10 - 12 mm / 0.43 in ③



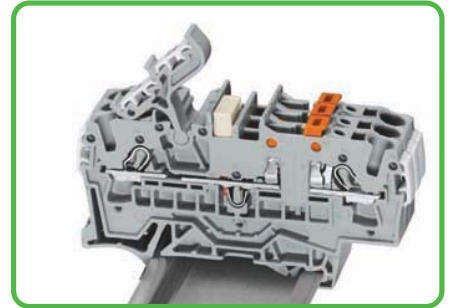
One center and two side marker slots for WMB markers or marking strips. Dual jumper slots, in the same position as the 2002 Series terminal blocks. Commoning options in front of or behind the knife disconnect, depending on the power supply direction.

- ① Conductor sizes: 0.25 mm<sup>2</sup> - 4 mm<sup>2</sup> "s + f-st"; Push-in conductor sizes: 0.75 mm<sup>2</sup> - 4 mm<sup>2</sup> "s" and 0.75 mm<sup>2</sup> - 2.5 mm<sup>2</sup> "insulated ferrules, 12 mm"
- ② 400 V = rated voltage  
 6 kV = rated surge voltage  
 3 = pollution degree  
 (also see Section 14)
- ③ Strip length, see packaging or instructions.

Item No.	Pack. Unit
<b>4-conductor through terminal block, with test point, same profile as 4-conductor disconnect terminal block</b>	
gray	2002-1801 50
blue	2002-1804 50
orange	2002-1802 50
<b>Other terminal blocks with the same profile:</b>	
Carrier	2002-1861 Page 90
Fuse	2002-1881 Page 82

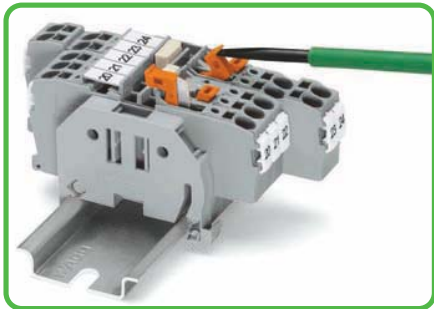


Testing with test plug 2 mm Ø



Additional marking option via pivoting marking adapter

Item-Specific Accessories		
<b>End and intermediate plate, 1 mm thick</b>		
orange	2002-1892	100 (4x25)
gray	2002-1891	100 (4x25)
<b>Test plug adapter,</b>		
	for test plug 4 mm Ø	
gray	2009-174	100 (4x25)
<b>Testing tap,</b>		
	for max. 2.5 mm <sup>2</sup>	
gray	2009-182	100 (4x25)
<b>Banana plug,</b>		
	for socket 4 mm Ø,	
	color mixed	
	215-111	50
<b>Double-deck marker carrier,</b>		
	pivoting	
gray	2002-121	50 (2x25)
<b>WMB Multi marking system,</b>		
	10 strips with 10 markers per card,	
	stretchable 5 - 5.2 mm	
plain	793-5501	5
<b>WMB Inline, plain,</b>		
	stretchable 5 - 5.2 mm,	
	1,500 WMB markers, 5 mm, on roll	
white	2009-115	1
<b>Marking strip, plain,</b>		
	11 mm wide,	
	50 m roll	
white	2009-110	1





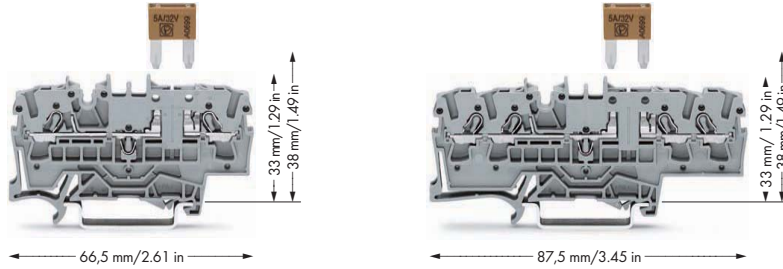
2- and 4-conductor disconnect terminal blocks for test und measurement  
 Opening the knife disconnect.



2- and 4-conductor disconnect terminal blocks for test and measurement  
 Closing the knife disconnect.

# Fuse Terminal Blocks 2.5 (4) mm<sup>2</sup> TOPJOB® - 2002 Series

<p>0.25 - 2.5 (4) mm<sup>2</sup> ①   AWG 22 - 12 400 V/6 kV/3 ② I<sub>N</sub> 10 A ③</p> <p>Terminal block width 5.2 mm / 0.205 in   10 - 12 mm / 0.43 in ④</p>	<p>0.25 - 2.5 (4) mm<sup>2</sup> ①   AWG 22 - 12 400 V/6 kV/3 ② I<sub>N</sub> 10 A ③</p> <p>Terminal block width 5.2 mm / 0.205 in   10 - 12 mm / 0.43 in ④</p>
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Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories
<p><b>2-conductor fuse terminal block,</b> with test point, for blade-style fuses acc. to DIN 72581-3f, iso 8820-3 gray <b>2002-1681</b> 50</p> <p>Blade-style fuses are not offered by WAGO</p>		<p><b>4-conductor fuse terminal block,</b> with test point, for blade-style fuses acc. to DIN 72581-3f, iso 8820-3 gray <b>2002-1881</b> 50</p> <p>Blade-style fuses are not offered by WAGO</p>		<p><b>TOPJOB®S connector,</b> modular, for jumper contact slot gray <b>2002-511</b> 100 (4x25)</p> <p><b>Spacer module,</b> can be snapped together, e.g., for bridging commoned terminal blocks gray <b>2002-549</b> 100 (4x25)</p> <p><b>End plate,</b> for modular TOPJOB®S connectors, 1.5 mm thick gray <b>2002-541</b> 100 (4x25)</p> <p><b>Test plug,</b> with 500 mm/17.7 in cable, 2 mm Ø red <b>210-136</b> 50</p> <p><b>Test plug adapter,</b> for test plug 4 mm Ø gray <b>2009-174</b> 100 (4x25)</p> <p><b>Testing tap,</b> for max. 2.5 mm<sup>2</sup> gray <b>2009-182</b> 100 (4x25)</p> <p><b>Banana plug,</b> for socket 4 mm Ø, color mixed <b>215-111</b> 50</p> <p><b>Double-deck marker carrier,</b> pivoting gray <b>2002-121</b> 50 (2x25)</p> <p><b>WMB Multi marking system,</b> 10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain <b>793-5501</b> 5</p> <p><b>WMB Inline, plain,</b> stretchable 5 - 5.2 mm, 1,500 WMB markers, 5 mm, on roll white <b>2009-115</b> 1</p> <p><b>Marking strip, plain,</b> 11 mm wide, 50 m roll white <b>2009-110</b> 1</p>
<p><b>Item-Specific Accessories</b></p> <p><b>End and intermediate plate, 1 mm thick</b> orange <b>2002-1692</b> 100 (4x25) gray <b>2002-1691</b> 100 (4x25)</p>		<p><b>Item-Specific Accessories</b></p> <p><b>End and intermediate plate, 1 mm thick</b> orange <b>2002-1892</b> 100 (4x25) gray <b>2002-1891</b> 100 (4x25)</p>		
<p><b>2002 Series Accessories</b> Appropriate marking systems: WMB/Marking strips/WMB Inline (see Section 13)</p>				
<p><b>Insulation stop,</b> 5 pcs/strip, 0.25 - 0.5 mm<sup>2</sup> light gray <b>2002-171</b> 200 (8x25)</p>		<p><b>Staggered jumper,</b> insulated, I<sub>N</sub> 25 A, light gray</p> <p>2-way <b>2002-472</b> 100 (4x25) 3-way <b>2002-473</b> 100 (4x25) 4-way <b>2002-474</b> 100 (4x25) 5-way <b>2002-475</b> 50 (2x25) 6-way <b>2002-476</b> 50 (2x25) 7-way <b>2002-477</b> 50 (2x25) 8-way <b>2002-478</b> 50 (2x25) 9-way <b>2002-479</b> 50 (2x25) 10-way <b>2002-480</b> 50 (2x25) 11-way <b>2002-481</b> 50 (2x25) 12-way <b>2002-482</b> 50 (2x25)</p>		
<p><b>Insulation stop,</b> 5 pcs/strip, 0.75 - 1 mm<sup>2</sup> dark gray <b>2002-172</b> 200 (8x25)</p>		<p><b>Push-in type wire jumper,</b> insulated, I<sub>N</sub> 16 A, wire size 1.5 mm<sup>2</sup></p> <p>60 mm <b>2009-412</b> 100 (10x10) 110 mm <b>2009-414</b> 100 (10x10) 250 mm <b>2009-416</b> 100 (10x10)</p>		
<p><b>Push-in type jumper bar, insulated,</b> I<sub>N</sub> 25 A, light gray</p> <p>2-way <b>2002-402</b> 200 (8x25) 3-way <b>2002-403</b> 200 (8x25) 4-way <b>2002-404</b> 200 (8x25) 5-way <b>2002-405</b> 100 (4x25) 6-way <b>2002-406</b> 100 (4x25) 7-way <b>2002-407</b> 100 (4x25) 8-way <b>2002-408</b> 100 (4x25) 9-way <b>2002-409</b> 100 (4x25) 10-way <b>2002-410</b> 100 (4x25)</p>		<p><b>Protective warning marker,</b> with high-voltage symbol, black, for 5 terminal blocks yellow <b>2002-115</b> 100 (4x25)</p>		
<p><b>Push-in type jumper bar, insulated,</b> I<sub>N</sub> 25 A, light gray</p> <p>1 - 3 <b>2002-433</b> 200 (8x25) 1 - 4 <b>2002-434</b> 200 (8x25) 1 - 5 <b>2002-435</b> 100 (4x25) 1 - 6 <b>2002-436</b> 100 (4x25) 1 - 7 <b>2002-437</b> 100 (4x25) 1 - 8 <b>2002-438</b> 100 (4x25) 1 - 9 <b>2002-439</b> 100 (4x25) 1 - 10 <b>2002-440</b> 100 (4x25)</p>				

For list of approvals and user guide, see pages 540 and 542.

- ❶ Conductor sizes: 0.25 mm<sup>2</sup> - 4 mm<sup>2</sup> "s + f-st";  
Push-in conductor sizes: 0.75 mm<sup>2</sup> - 4 mm<sup>2</sup> "s"  
and 0.75 mm<sup>2</sup> - 2.5 mm<sup>2</sup>  
"insulated ferrules, 12 mm"
- ❷ 400 V = rated voltage  
6 kV = rated surge voltage  
3 = pollution degree  
(also see Section 14)
- ❸ - Individual arrangement: 10 A  
- Block arrangement: 5 A  
Protection against direct contact must be observed for  
42 V and higher voltages
- ❹ Strip length, see packaging or instructions.

Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartridges can operate perfectly as protection (break-off point) if they are properly selected and used according to manufacturer specifications.

The rated currents of the fuse cartridges are defined differently in international standards.

Due to different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23 °C).

Regarding product safety, it is generally necessary to test fuse cartridges under normal conditions and operational failures within your application.

