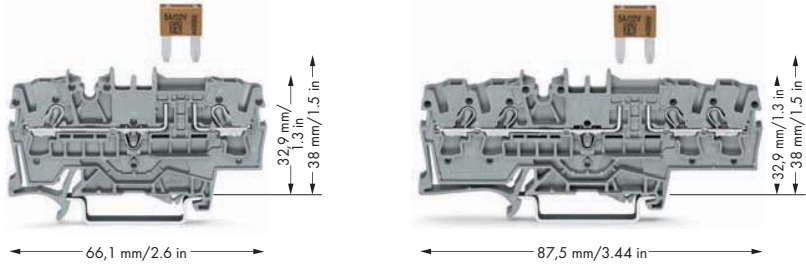


# TOPJOB® Fuse Terminal Blocks 2.5 (4) mm<sup>2</sup> 2002 Series

0.25 - 2.5 (4) mm <sup>2</sup> ① 400 V/6 kV/3 ② I <sub>N</sub> 10 A ③	AWG 22 - 12 300 V, 10 A ④ 300 V, 10 A ⑤	0.25 - 2.5 (4) mm <sup>2</sup> ① 400 V/6 kV/3 ② I <sub>N</sub> 10 A ③	AWG 22 - 12 300 V, 10 A ④ 300 V, 10 A ⑤
Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ④		Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ④	



Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories
<b>2-conductor fuse terminal block,</b> with test point, for blade-style fuses acc. to DIN 72581-3f, ISO 8820-3		<b>4-conductor fuse terminal block,</b> with test point, for blade-style fuses acc. to DIN 72581-3f, ISO 8820-3		<b>Staggered jumper,</b> ⑤ insulated, I <sub>N</sub> 25 A, light gray 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)
○ gray <b>2002-1681</b> 50		○ gray <b>2002-1881</b> 50		
<b>Blade-style fuses are not offered by WAGO</b>		<b>Blade-style fuses are not offered by WAGO</b>		
<b>Other terminal blocks with the same profile:</b> Through <b>2002-1601</b> Page 94		<b>Other terminal blocks with the same profile:</b> Through <b>2002-1801</b> Page 96		
<b>Item-Specific Accessories</b>		<b>Item-Specific Accessories</b>		
<b>End and intermediate plate, 1 mm thick</b> orange <b>2002-1692</b> 100 (4x25) gray <b>2002-1691</b> 100 (4x25)		<b>End and intermediate plate, 1 mm thick</b> orange <b>2002-1892</b> 100 (4x25) gray <b>2002-1891</b> 100 (4x25)		<b>Adjacent jumper for continuous commoning,</b> ⑤ insulated, I <sub>N</sub> 25 A, light gray 2-way <b>2002-400</b> 100 (4x25)
<b>2002 Series Accessories</b> Appropriate marking systems: WMB/Marking strips/WMB Inline (see Section 13)				
<b>Insulation stop,</b> 5 pcs/strip, 0.25 - 0.5 mm <sup>2</sup> light gray <b>2002-171</b> 200 (8x25)		<b>Push-in type jumper bar, insulated,</b> I <sub>N</sub> 25 A, light gray from 1 to 3 <b>2002-433</b> 200 (8x25) from 1 to 4 <b>2002-434</b> 200 (8x25) from 1 to 5 <b>2002-435</b> 100 (4x25) from 1 to 6 <b>2002-436</b> 100 (4x25) from 1 to 7 <b>2002-437</b> 100 (4x25) from 1 to 8 <b>2002-438</b> 100 (4x25) from 1 to 9 <b>2002-439</b> 100 (4x25) from 1 to 10 <b>2002-440</b> 100 (4x25)		<b>Modular TOPJOB®S connector,</b> ⑤ can be snapped together, for jumper contact slot gray <b>2002-511</b> 100 (4x25)
<b>Insulation stop,</b> 5 pcs/strip, 0.75 - 1 mm <sup>2</sup> dark gray <b>2002-172</b> 200 (8x25)				
<b>Push-in type jumper bar, insulated,</b> ⑤ I <sub>N</sub> 25 A, light gray 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)		<b>Push-in type wire jumper,</b> ⑤ insulated, I <sub>N</sub> 16 A, wire size 1.5 mm <sup>2</sup> L = 60 mm <b>2009-412</b> 100 (10x10) L = 110 mm <b>2009-414</b> 100 (10x10) L = 250 mm <b>2009-416</b> 100 (10x10)		<b>Spacer module,</b> can be snapped together, e.g., for bridging commoned terminal blocks gray <b>2002-549</b> 100 (4x25)
<b>Protective warning marker,</b> with high-voltage symbol, black, for 5 terminal blocks yellow <b>2002-115</b> 100 (4x25)		<b>Test plug,</b> with 500 mm cable, 2 mm Ø red <b>210-136</b> 50		
<b>Double-deck marker carrier,</b> pivoting gray <b>2002-121</b> 50 (2x25)		<b>Banana plug,</b> for socket 4 mm Ø, color mixed <b>215-111</b> 50		<b>End plate,</b> for modular TOPJOB®S connectors, 1.5 mm thick gray <b>2002-541</b> 100 (4x25)
				<b>TOPJOB®S L-test plug module,</b> ⑤ can be snapped together gray <b>2002-611</b> 100 (4x25)
				<b>Test plug adapter,</b> for test plug 4 mm Ø gray <b>2009-174</b> 100 (4x25)
				<b>Testing tap,</b> for max. 2.5 mm <sup>2</sup> gray <b>2009-182</b> 100 (4x25)
				<b>WMB Multi marking system,</b> 10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain <b>793-5501</b> 5

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

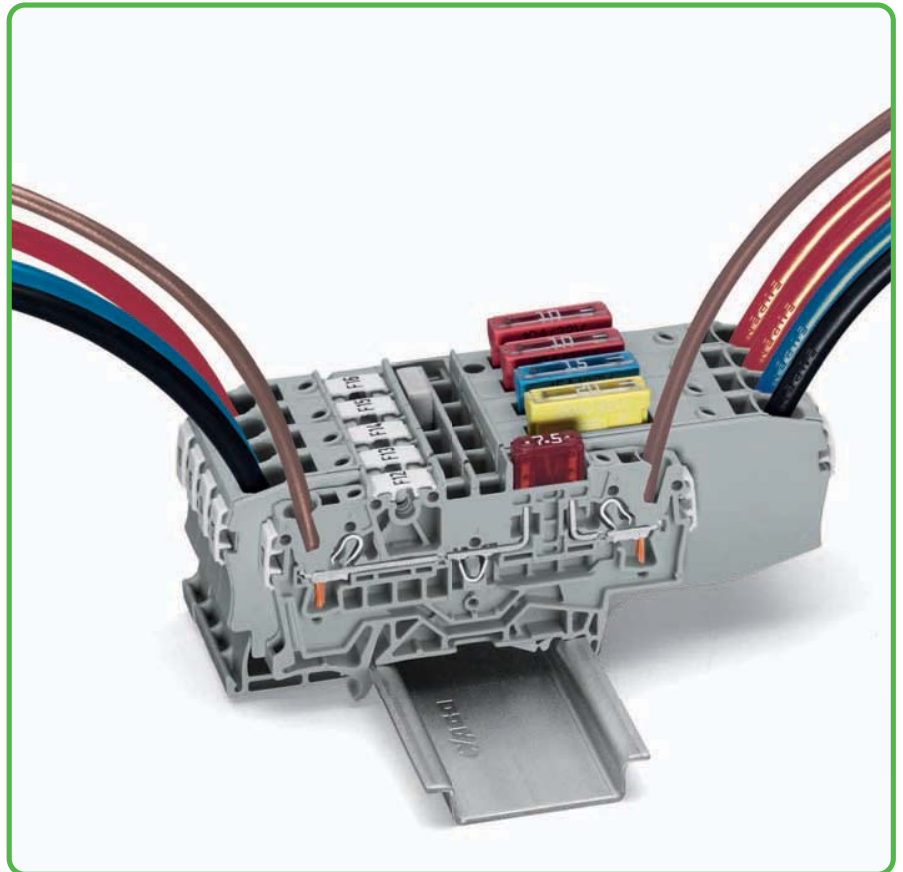
- ❶ Conductor sizes: 0.25 mm<sup>2</sup> – 4 mm<sup>2</sup> "s + f-st";  
Push-in conductor sizes: 0.75 mm<sup>2</sup> – 4 mm<sup>2</sup> "s"  
and 0.75 mm<sup>2</sup> – 2.5 mm<sup>2</sup>  
"insulated ferrules, 12 mm"
- ❷ 400 V = rated voltage  
6 kV = rated surge voltage  
3 = pollution degree  
(also 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.
- ❺ See application notes for:  
Colored push-in type jumper bars, page 139  
Staggered jumper, page 141  
Adjacent jumper for continuous commoning,  
page 139  
Push-in type wire jumper, page 140  
TOPJOB®S connector, page 134  
TOPJOB®S L-type test plug module, page 136

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.

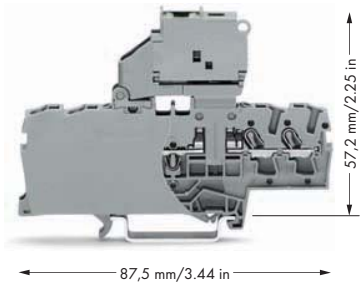
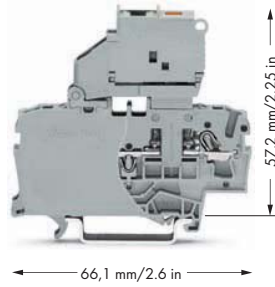
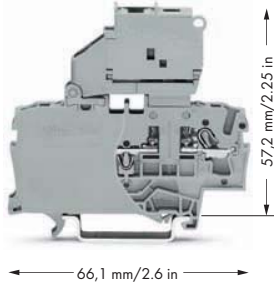
Due to different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23 °C).

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



# Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder 2.5 (4) mm<sup>2</sup> for Miniature Metric Fuses 5 x 20 mm, 2002 Series

<p>0.25 - 2.5 (4) mm<sup>2</sup> ① AWG 22 - 12                  250 V/6 kV/3 ②                  I<sub>N</sub> 6.3 A</p> <p>Terminal block width 6.2 mm / 0.244 in   10 - 12 mm / 0.43 in ③</p>	<p>0.25 - 2.5 (4) mm<sup>2</sup> ① AWG 22 - 12                  250 V/6 kV/3 ②                  I<sub>N</sub> 6.3 A</p> <p>Terminal block width 6.2 mm / 0.244 in   10 - 12 mm / 0.43 in ③</p>	<p>0.25 - 2.5 (4) mm<sup>2</sup> ① AWG 22 - 12                  250 V/6 kV/3 ②                  I<sub>N</sub> 6.3 A</p> <p>Terminal block width 6.2 mm / 0.244 in   10 - 12 mm / 0.43 in ③</p>
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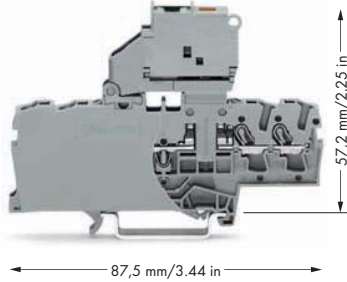
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>2-conductor fuse disconnect terminal block with pivoting fuse holder,</b> for miniature metric fuses 5 x 20 mm, without blown fuse indication Nominal voltage and current are given by the fuse.		<b>2-conductor fuse disconnect terminal block with pivoting fuse holder,</b> for miniature metric fuses 5 x 20 mm, with blown fuse indication by LED, gray Nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2 mA		<b>4-conductor fuse disconnect terminal block with pivoting fuse holder,</b> for miniature metric fuses 5 x 20 mm, without blown fuse indication Nominal voltage and current are given by the fuse.	
● gray	<b>2002-1611</b> 50	● 12 - 30 V	<b>2002-1611/1000-541</b> 50	● gray	<b>2002-1811</b> 50
		● 30 - 65 V	<b>2002-1611/1000-542</b> 50		
		● 230 V	<b>2002-1611/1000-836</b> 50		
		● 120 V	<b>2002-1611/1000-867</b> 50		

**Accessories**

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

<p><b>End plate for fuse terminal blocks,</b>                  2 mm thick                  orange <b>2002-992</b> 100 (4x25)                  gray <b>2002-991</b> 100 (4x25)</p>	<p><b>Push-in type jumper bar, insulated,</b>                  I<sub>N</sub> 32 A,                  light gray</p> <table border="1"> <tr><td>2-way</td><td><b>2004-402</b></td><td>200 (8x25)</td></tr> <tr><td>3-way</td><td><b>2004-403</b></td><td>200 (8x25)</td></tr> <tr><td>4-way</td><td><b>2004-404</b></td><td>100 (4x25)</td></tr> <tr><td>5-way</td><td><b>2004-405</b></td><td>100 (4x25)</td></tr> <tr><td>6-way</td><td><b>2004-406</b></td><td>100 (4x25)</td></tr> <tr><td>7-way</td><td><b>2004-407</b></td><td>100 (4x25)</td></tr> <tr><td>8-way</td><td><b>2004-408</b></td><td>100 (4x25)</td></tr> <tr><td>9-way</td><td><b>2004-409</b></td><td>100 (4x25)</td></tr> <tr><td>10-way</td><td><b>2004-410</b></td><td>100 (4x25)</td></tr> </table>	2-way	<b>2004-402</b>	200 (8x25)	3-way	<b>2004-403</b>	200 (8x25)	4-way	<b>2004-404</b>	100 (4x25)	5-way	<b>2004-405</b>	100 (4x25)	6-way	<b>2004-406</b>	100 (4x25)	7-way	<b>2004-407</b>	100 (4x25)	8-way	<b>2004-408</b>	100 (4x25)	9-way	<b>2004-409</b>	100 (4x25)	10-way	<b>2004-410</b>	100 (4x25)	<p><b>Push-in type jumper bar, insulated,</b>                  I<sub>N</sub> 32 A,                  light gray</p> <table border="1"> <tr><td>from 1 to 3</td><td><b>2004-433</b></td><td>200 (8x25)</td></tr> <tr><td>from 1 to 4</td><td><b>2004-434</b></td><td>200 (8x25)</td></tr> <tr><td>from 1 to 5</td><td><b>2004-435</b></td><td>100 (4x25)</td></tr> <tr><td>from 1 to 6</td><td><b>2004-436</b></td><td>100 (4x25)</td></tr> <tr><td>from 1 to 7</td><td><b>2004-437</b></td><td>100 (4x25)</td></tr> <tr><td>from 1 to 8</td><td><b>2004-438</b></td><td>100 (4x25)</td></tr> <tr><td>from 1 to 9</td><td><b>2004-439</b></td><td>100 (4x25)</td></tr> <tr><td>from 1 to 10</td><td><b>2004-440</b></td><td>100 (4x25)</td></tr> </table>	from 1 to 3	<b>2004-433</b>	200 (8x25)	from 1 to 4	<b>2004-434</b>	200 (8x25)	from 1 to 5	<b>2004-435</b>	100 (4x25)	from 1 to 6	<b>2004-436</b>	100 (4x25)	from 1 to 7	<b>2004-437</b>	100 (4x25)	from 1 to 8	<b>2004-438</b>	100 (4x25)	from 1 to 9	<b>2004-439</b>	100 (4x25)	from 1 to 10	<b>2004-440</b>	100 (4x25)
2-way	<b>2004-402</b>	200 (8x25)																																																			
3-way	<b>2004-403</b>	200 (8x25)																																																			
4-way	<b>2004-404</b>	100 (4x25)																																																			
5-way	<b>2004-405</b>	100 (4x25)																																																			
6-way	<b>2004-406</b>	100 (4x25)																																																			
7-way	<b>2004-407</b>	100 (4x25)																																																			
8-way	<b>2004-408</b>	100 (4x25)																																																			
9-way	<b>2004-409</b>	100 (4x25)																																																			
10-way	<b>2004-410</b>	100 (4x25)																																																			
from 1 to 3	<b>2004-433</b>	200 (8x25)																																																			
from 1 to 4	<b>2004-434</b>	200 (8x25)																																																			
from 1 to 5	<b>2004-435</b>	100 (4x25)																																																			
from 1 to 6	<b>2004-436</b>	100 (4x25)																																																			
from 1 to 7	<b>2004-437</b>	100 (4x25)																																																			
from 1 to 8	<b>2004-438</b>	100 (4x25)																																																			
from 1 to 9	<b>2004-439</b>	100 (4x25)																																																			
from 1 to 10	<b>2004-440</b>	100 (4x25)																																																			
<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>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>                  ④ insulated,                  I<sub>N</sub> 16 A,                  wire size 1.5 mm<sup>2</sup>                  L = 60 mm <b>2009-412</b> 100 (10x10)                  L = 110 mm <b>2009-414</b> 100 (10x10)                  L = 250 mm <b>2009-416</b> 100 (10x10)</p>	<p><b>Protective warning marker,</b>                  with high-voltage symbol, black,                  for 5 terminal blocks                  yellow <b>2002-115</b> 100 (4x25)</p>																																																				

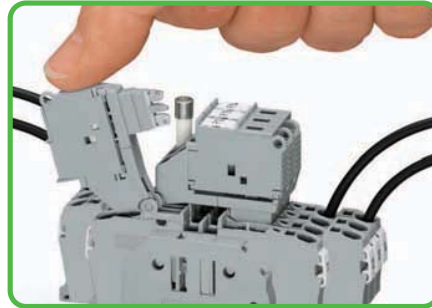
0.25 - 2.5 (4) mm<sup>2</sup> ❶ AWG 22 - 12  
250 V/6 kV/3 ❷  
I<sub>N</sub> 6.3 A  
Terminal block width 6.2 mm / 0.244 in  
10 - 12 mm / 0.43 in ❸



Fuse terminal blocks with a width of 6.2 mm/0.244 in can be assembled adjacently. If there is **no** adjacent fuse terminal block at the end of the assembly, an end plate must be used.

- 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 ferrule, 12 mm”
- ❷ 250 V = rated voltage  
6 kV = rated surge voltage  
3 = pollution degree  
(also see Section 14)
- ❸ Strip length, see packaging or instructions.
- ❹ See application notes for:  
Push-in type wire jumper, page 140

Item No.	Pack. Unit
<b>4-conductor fuse disconnect terminal block with pivoting fuse holder,</b> for miniature metric fuses 5 x 20 mm, with blown fuse indication by LED, gray Nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2 mA	
● 12 - 30 V <b>2002-1811/1000-541</b>	50
● 30 - 65 V <b>2002-1811/1000-542</b>	50
● 230 V <b>2002-1811/1000-836</b>	50
● 120 V <b>2002-1811/1000-867</b>	50



Pivoting the fuse holder in the locked open position.

When selecting miniature metric fuses, the maximum power loss listed below should not be exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal blocks must be checked according to their application and mounting. Higher ambient temperatures place additional strain on fuse cartridges. Therefore, in such applications, the rated current must be reduced if necessary. More details available from the manufacturer.




Exchanging fuse.

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
Fuse terminal blocks				
<b>2002-1611</b>	1.6 W	1.6 W	2.5 W	2.5 W
<b>2002-1811</b>				
<b>2002-1611/.....</b>	1.6 W	1.6 W	2.5 W	2.5 W
<b>2002-1811/.....</b>				

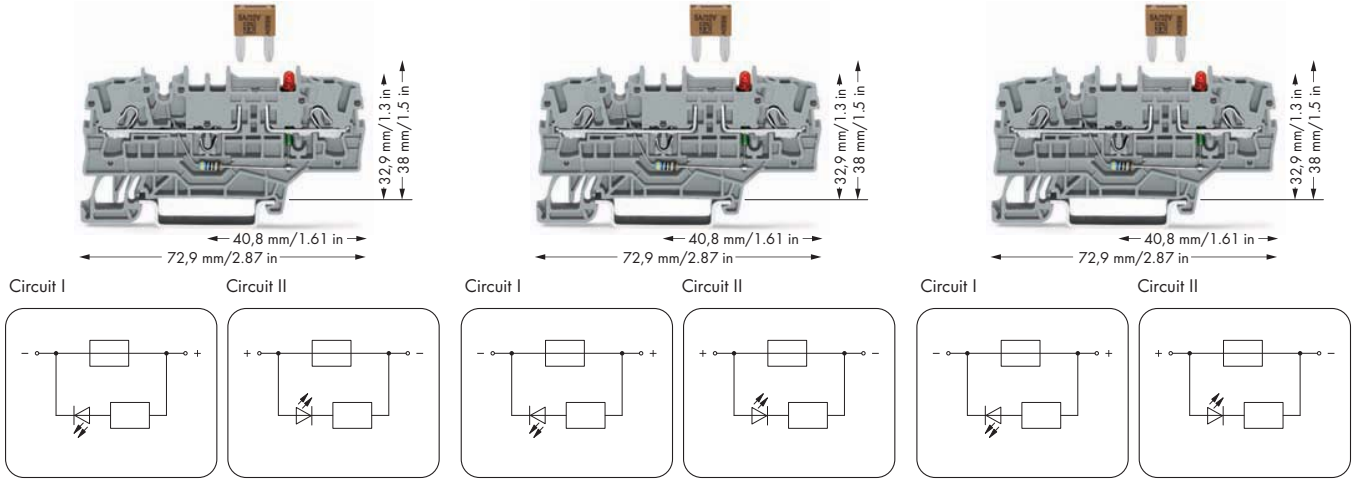
Protective warning marker and insulation stop must be applied individually. Due to the 6.2 mm/0.244 in width of the fuse terminal blocks with pivoting fuse holder, 2004 Series jumpers must be used.

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

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  
Terminal block width 5.2 mm / 0.205 in  
10 - 12 mm / 0.43 in ③

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  
Terminal block width 5.2 mm / 0.205 in  
10 - 12 mm / 0.43 in ③

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  
Terminal block width 5.2 mm / 0.205 in  
10 - 12 mm / 0.43 in ③




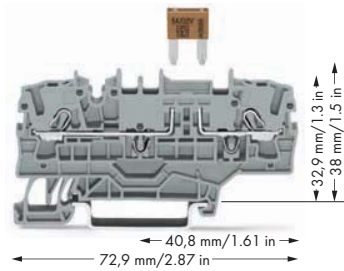
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>2-conductor fuse terminal block for mini-automotive blade-style fuses,</b> 12V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray Nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		<b>2-conductor fuse terminal block for mini-automotive blade-style fuses,</b> 24 V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray Nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		<b>2-conductor fuse terminal block for mini-automotive blade-style fuses,</b> 48 V, with test point, with blown fuse indication by LED, LED power consumption: 4.8 mA, gray Nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.	
○ Circuit I	<b>2002-1981/1000-429</b>	50	○ Circuit I	<b>2002-1981/1000-413</b>	50
○ Circuit II	<b>2002-1981/1000-449</b>	50	○ Circuit II	<b>2002-1981/1000-434</b>	50
<b>Other terminal blocks with the same profile:</b> Through <b>2002-1901</b> Page 102					

## 2002 Series Accessories

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

<b>End and intermediate plate, 1 mm thick</b> orange <b>2002-1992</b> 100 (4x25) gray <b>2002-1991</b> 100 (4x25)	<b>Push-in type wire jumper,</b> ④ insulated, I <sub>N</sub> 16 A, wire size 1.5 mm <sup>2</sup> L = 60 mm <b>2009-412</b> 100 (10x10) L = 110 mm <b>2009-414</b> 100 (10x10) L = 250 mm <b>2009-416</b> 100 (10x10)	<b>Staggered jumper,</b> ④ insulated, I <sub>N</sub> 25 A, light gray 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)
<b>Insulation stop,</b> 5 pcs/strip, 0.25 - 0.5 mm <sup>2</sup> light gray <b>2002-171</b> 200 (8x25)	<b>Adjacent jumper for continuous commoning,</b> ④ insulated, I <sub>N</sub> 25 A, light gray 2-way <b>2002-400</b> 100 (4x25)	
<b>Insulation stop,</b> 5 pcs/strip, 0.75 - 1 mm <sup>2</sup> dark gray <b>2002-172</b> 200 (8x25)	<b>Push-in type jumper bar, insulated,</b> ④ I <sub>N</sub> 25 A, light gray 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)	<b>Protective warning marker,</b> with high-voltage symbol, black, for 5 terminal blocks yellow <b>2002-115</b> 100 (4x25)

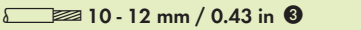
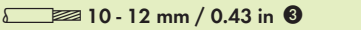
0.25 - 2.5 [4] mm<sup>2</sup> ① AWG 22 - 12  
 400 V/6 kV/3 ②  
 I<sub>N</sub> 10 A  
 Terminal block width 5.2 mm / 0.205 in  
 10 - 12 mm / 0.43 in ③

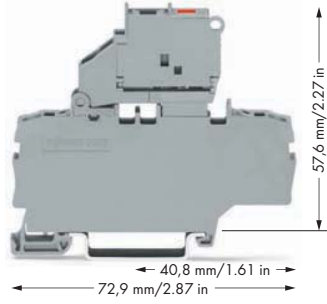
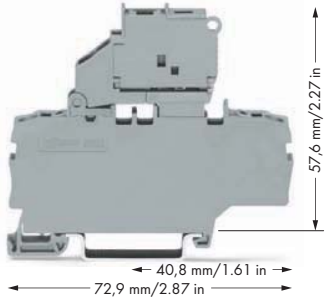


- ① Conductor sizes: 0.25 mm<sup>2</sup> - 4 mm<sup>2</sup> "s + f-st"; Push-in conductor sizes: 0.75 mm<sup>2</sup> - 4 mm<sup>2</sup> "s" and 0.75 mm<sup>2</sup> - 2.5 mm<sup>2</sup> "insulated ferrules, 12 mm"
- ② 400 V = rated voltage  
 6 kV = rated surge voltage  
 3 = pollution degree  
 (see Section 14)
- ③ Strip length, see packaging or instructions.
- ④ See application notes for:  
 Colored push-in type jumper bars, page 139  
 Staggered jumper, page 141  
 Adjacent jumper for continuous commoning, page 139  
 Push-in type wire jumper, page 140  
 TOPJOB®S connector, page 134  
 TOPJOB®S L-type test plug module, page 136

Item No.	Pack. Unit
<b>2-conductor fuse terminal block for mini-automotive blade-style fuses,</b>	
with test point, with additional jumper position, without blown fuse indication	
Nominal voltage and current are given by the fuse. Blade-style fuses, please note touchproof protection for 42V and higher.	
● gray	2002-1981 50
<b>Blade-style fuses are not offered by WAGO</b>	
<b>WMB Inline, plain,</b>	
stretchable 5 - 5.2 mm,	
1,500 WMB markers, 5 mm, on roll	
white	2009-115 1
<b>WMB Multi marking system,</b>	
10 strips with 10 markers per card,	
stretchable 5 - 5.2 mm	
plain	793-5501 5
<b>Double-deck marker carrier,</b>	
pivoting	
gray	2002-121 50 (2x25)

# Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder and Additional Jumper Position for Miniature Metric Fuses 5 x 20 mm, 2002 Series

0.25 - 2.5 (4) mm <sup>2</sup> ① AWG 22 - 12 250 V/6 kV/3 ② I <sub>N</sub> 6.3 A Terminal block width 6.2 mm / 0.244 in  10 - 12 mm / 0.43 in ③	0.25 - 2.5 (4) mm <sup>2</sup> ① AWG 22 - 12 250 V/6 kV/3 ② I <sub>N</sub> 6.3 A Terminal block width 6.2 mm / 0.244 in  10 - 12 mm / 0.43 in ③
--	--



- 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 ferrule, 12 mm"
- ② 250 V = rated voltage  
6 kV = rated surge voltage  
3 = pollution degree  
(see Section 14)
- ③ Strip length, see packaging or instructions.
- ④ See application notes for: Push-in type wire jumper, page 140









Item No.	Pack. Unit	Item No.	Pack. Unit
<b>2-conductor fuse disconnect terminal block with pivoting fuse holder, with additional jumper position, for miniature metric fuses 5 x 20 mm, without blown fuse indication</b> Nominal voltage and current are given by the fuse.		<b>2-conductor fuse disconnect terminal block with pivoting fuse holder, with additional jumper position, with blown fuse indication by LED, gray</b> Nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2 mA	
● gray	<b>2002-1911</b> 50	● 12 - 30 V	<b>2002-1911/1000-541</b> 50
		● 30 - 65 V	<b>2002-1911/1000-542</b> 50
		● 120 V	<b>2002-1911/1000-867</b>
		● 230 V	<b>2002-1911/1000-836</b> 50

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
Fuse terminal blocks				
<b>2002-1911</b>	1.6 W	1.6 W	2.5 W	2.5 W
<b>2002-1911/.....</b>	1.6 W	1.6 W	2.5 W	2.5 W

Protective warning marker and insulation stop must be applied individually. Due to the 6.2 mm/0.244 in width of the fuse terminal blocks with pivoting fuse holder, 2004 Series jumpers must be used.

### 2002 Series Accessories

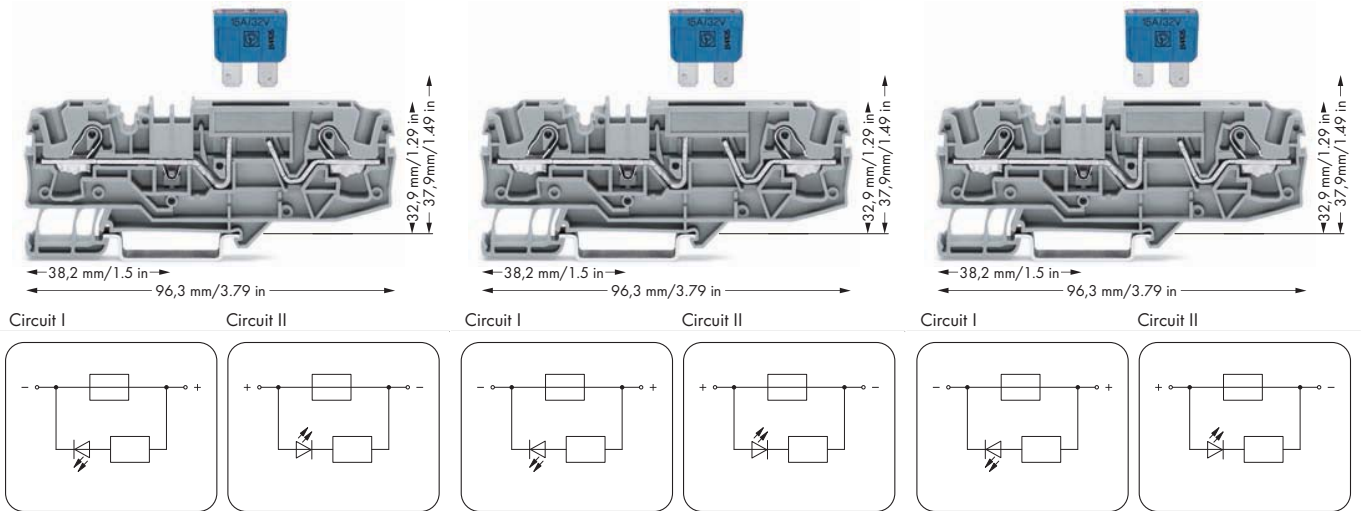
Appropriate marking systems: WMB/Marking strips/WMB Inline (see Section 13)

<b>End plate for fuse terminal blocks,</b>  2 mm thick orange <b>2002-992</b> 100 (4x25) gray <b>2002-991</b> 100 (4x25)	<b>Push-in type jumper bar, insulated,</b>  I <sub>N</sub> 32 A, light gray from 1 to 3 <b>2004-433</b> 200 (8x25) from 1 to 4 <b>2004-434</b> 200 (8x25) from 1 to 5 <b>2004-435</b> 100 (4x25) from 1 to 6 <b>2004-436</b> 100 (4x25) from 1 to 7 <b>2004-437</b> 100 (4x25) from 1 to 8 <b>2004-438</b> 100 (4x25) from 1 to 9 <b>2004-439</b> 100 (4x25) from 1 to 10 <b>2004-440</b> 100 (4x25)
<b>Insulation stop,</b>  5 pcs/strip, 0.25 - 0.5 mm <sup>2</sup> light gray <b>2002-171</b> 200 (8x25)	
<b>Insulation stop,</b>  5 pcs/strip, 0.75 - 1 mm <sup>2</sup> dark gray <b>2002-172</b> 200 (8x25)	
<b>Push-in type jumper bar, insulated,</b>  I <sub>N</sub> 32 A, light gray 2-way <b>2004-402</b> 200 (8x25) 3-way <b>2004-403</b> 200 (8x25) 4-way <b>2004-404</b> 100 (4x25) 5-way <b>2004-405</b> 100 (4x25) 6-way <b>2004-406</b> 100 (4x25) 7-way <b>2004-407</b> 100 (4x25) 8-way <b>2004-408</b> 100 (4x25) 9-way <b>2004-409</b> 100 (4x25) 10-way <b>2004-410</b> 100 (4x25)	<b>Push-in type wire jumper,</b>  ④ insulated, I <sub>N</sub> 16 A, wire size 1.5 mm <sup>2</sup> L = 60 mm <b>2009-412</b> 100 (10x10) L = 110 mm <b>2009-414</b> 100 (10x10) L = 250 mm <b>2009-416</b> 100 (10x10)
	<b>Protective warning marker,</b>  with high-voltage symbol, black, for 5 terminal blocks yellow <b>2002-115</b> 100 (4x25)
	<b>Test plug,</b>  with 500 mm cable, 2 mm Ø red <b>210-136</b> 50

When selecting miniature metric fuses, the maximum power loss listed below should not be exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23 °C. The temperature rise of the terminal blocks must be checked according to their application and mounting. Higher ambient temperatures are an additional burden on fuse cartridges. Therefore, in such applications the rated current must be reduced if necessary. More details available from the manufacturer.

# Fuse Terminal Blocks for Mini-Automotive Blade-Style Fuses 6 (10) mm<sup>2</sup> 2006 Series

<p>0.5 - 6 (10) mm<sup>2</sup> ① AWG 20 - 8                  500 V/8 kV/3 ②                  I<sub>N</sub> 25 A (30 A) ③</p> <p>Terminal block width 7.5 mm / 0.295 in                  13 - 15 mm / 0.55 in ④</p>	<p>0.5 - 6 (10) mm<sup>2</sup> ① AWG 20 - 8                  500 V/8 kV/3 ②                  I<sub>N</sub> 25 A (30 A) ③</p> <p>Terminal block width 7.5 mm / 0.295 in                  13 - 15 mm / 0.55 in ④</p>	<p>0.5 - 6 (10) mm<sup>2</sup> ① AWG 20 - 8                  500 V/8 kV/3 ②                  I<sub>N</sub> 25 A (30 A) ③</p> <p>Terminal block width 7.5 mm / 0.295 in                  13 - 15 mm / 0.55 in ④</p>
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<p><b>2-conductor fuse terminal block for mini-automotive blade-style fuses,</b>                      12V, with test point, with blown fuse indication by LED,                      LED power consumption: 4.8 mA, gray                      Nominal voltage and current are given by the LED or fuse.                      Blade-style fuses, please note touchproof protection for 42V and higher.</p>		<p><b>2-conductor fuse terminal block for mini-automotive blade-style fuses,</b>                      24V, with test point, with blown fuse indication by LED,                      LED power consumption: 4.8 mA, gray                      Nominal voltage and current are given by the LED or fuse.                      Blade-style fuses, please note touchproof protection for 42V and higher.</p>		<p><b>2-conductor fuse terminal block for mini-automotive blade-style fuses,</b>                      48V, with test point, with blown fuse indication by LED,                      LED power consumption: 4.8 mA, gray                      Nominal voltage and current are given by the LED or fuse.                      Blade-style fuses, please note touchproof protection for 42V and higher.</p>	
<p>● Circuit I      <b>2006-1681/1000-429</b>    25</p> <p>● Circuit II     <b>2006-1681/1000-449</b>    25</p>		<p>● Circuit I      <b>2006-1681/1000-413</b>    25</p> <p>● Circuit II     <b>2006-1681/1000-434</b>    25</p>		<p>● Circuit I      <b>2006-1681/1000-414</b>    25</p> <p>● Circuit II     <b>2006-1681/1000-435</b>    25</p>	
<p><b>Other terminal blocks with the same profile:</b>                      Through      <b>2006-1601</b>      Page 108</p>					

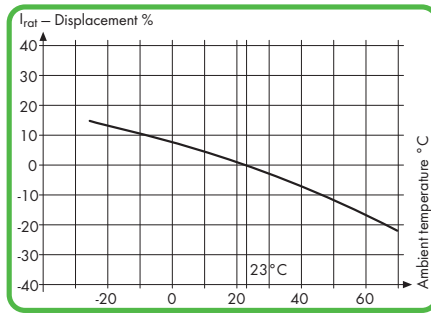
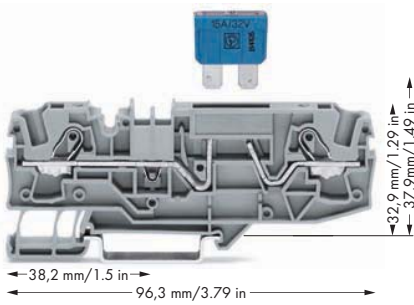
**2006 Series Accessories**

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

<p><b>End and intermediate plate, 1 mm thick</b>                      orange      <b>2006-1692</b>    100 (4x25)                      gray         <b>2006-1691</b>    100 (4x25)</p>	<p><b>Protective warning marker,</b>                      with high-voltage symbol, black,                      for 5 terminal blocks                      yellow      <b>2006-115</b>    100 (4x25)</p>
<p><b>Push-in type jumper bar, insulated,</b>                      I<sub>N</sub> 41 A,                      light gray</p> <p>2-way      <b>2006-402</b>    50 (2x25)                      3-way      <b>2006-403</b>    50 (2x25)                      4-way      <b>2006-404</b>    50 (2x25)                      5-way      <b>2006-405</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>Push-in type jumper bar, insulated,</b>                      I<sub>N</sub> 41 A,                      light gray</p> <p>from 1 to 3   <b>2006-433</b>    50 (2x25)                      from 1 to 4   <b>2006-434</b>    50 (2x25)                      from 1 to 5   <b>2006-435</b>    50 (2x25)</p>	<p><b>Marking strip, plain,</b>                      11 mm wide,                      50 m roll                      white        <b>2009-110</b>      1</p>
	<p><b>Double-deck marker carrier,</b>                      pivoting                      gray         <b>2002-121</b>    50 (2x25)</p>



0.5 - 6 (10) mm<sup>2</sup> ① AWG 20 - 8  
 500 V/8 kV/3 ②  
 I<sub>N</sub> 25 A (30 A) ③  
 Terminal block width 7.5 mm / 0.295 in  
 Δ 13 - 15 mm / 0.55 in ④



- ① Conductor sizes: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup> "s + f-st"; Push-in conductor sizes: 1 mm<sup>2</sup> - 10 mm<sup>2</sup> "s" and 1.5 mm<sup>2</sup> - 6 mm<sup>2</sup> "insulated ferrule, 12 mm"
- ② 500 V = rated voltage  
8 kV = rated surge voltage  
3 = pollution degree  
(also see Section 14)
- ③ LED power consumption: 4.8 mA
- ④ Strip length, see packaging or instructions.

Item No.	Pack. Unit
<b>2-conductor fuse terminal block for mini-automotive blade-style fuses,</b> with test point, without blown fuse indication Nominal voltage and current are given by the fuse. Blade-style fuses, please note touchproof protection for 42V and higher.	
● gray	2006-1681 25
<b>Blade-style fuses</b> <b>(not offered by WAGO)</b>	
<b>Excess-current circuit-breaker, thermal</b> <b>(not offered by WAGO)</b>	
<b>Recommended excess-current circuit-breakers from ETA</b>	

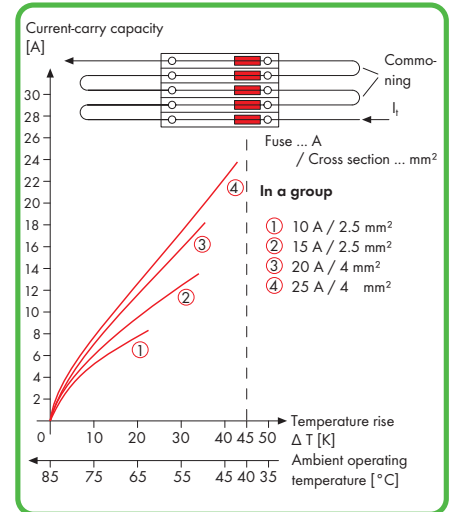
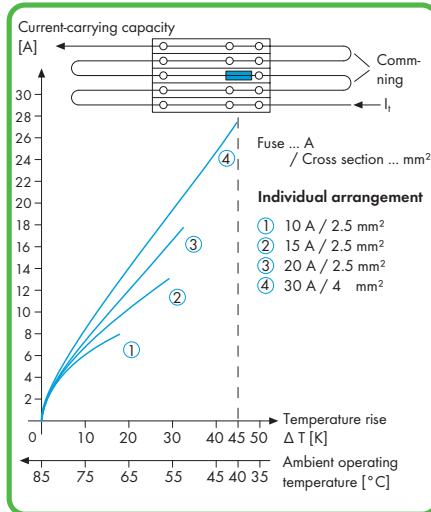


Diagram: Individual arrangement  
 The rated currents of the fuse cartridges are defined differently in international standards. Due to the different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23 °C).  
 Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartridges may be used as protection (break-off point) if they are properly selected and used according to manufacturer specifications.

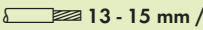
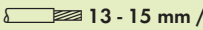
Diagram: Block arrangement

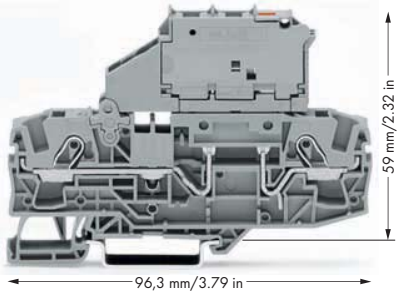
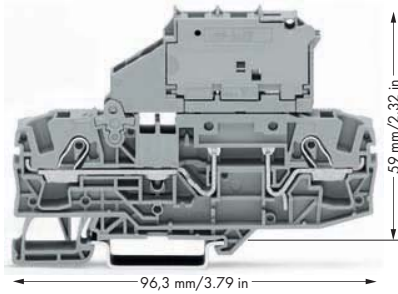
**Information from the mini-automotive blade-type fuse manufacturers**

Derating T <sub>amb</sub> / °C	%	F <sub>T</sub>
- 25	14	0.877
- 20	13	0.885
- 15	12	0.893
- 10	11	0.901
- 5	10	0.909
0	9	0.917
5	8	0.926
10	6	0.943
15	4	0.962
20	2	0.980
23	0	1.000
30	- 2	1.020
35	- 4	1.042
40	- 6	1.064
45	- 8	1.087
50	- 10	1.111
55	- 13	1.149
60	- 16	1.190
65	- 19	1.235
70	- 22	1.282

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

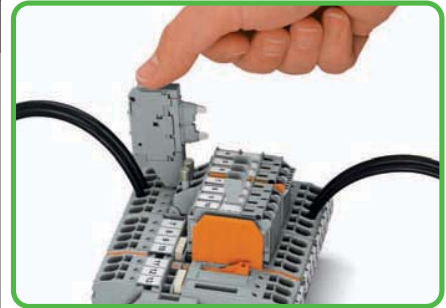
# Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder for Miniature Metric Fuses 5 x 20 mm, 5 x 30 mm, 1/4" x 1 1/4", 2006 Series

0.5 - 6 (10) mm <sup>2</sup> ① AWG 20 - 8 800 V/8 kV/3 ② I <sub>N</sub> 10 A Terminal block width 7.5 mm / 0.295 in  13 - 15 mm / 0.55 in ③	0.5 - 6 (10) mm <sup>2</sup> ① AWG 20 - 8 800 V/8 kV/3 ② I <sub>N</sub> 10 A Terminal block width 7.5 mm / 0.295 in  13 - 15 mm / 0.55 in ③
--	--



- ① Conductor sizes: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup> "s + f-st"; Push-in conductor sizes: 1 mm<sup>2</sup> - 10 mm<sup>2</sup> "s" and 1.5 mm<sup>2</sup> - 6 mm<sup>2</sup> "insulated ferrule, 12 mm"
- ② 800 V = rated voltage  
8 kV = rated surge voltage  
3 = pollution degree  
(see Section 14)
- ③ Strip length, see packaging or instructions.
- ④ See application notes for: Star point jumper, page 140

Item No.	Pack. Unit	Item No.	Pack. Unit
<b>2-conductor fuse disconnect terminal block with pivoting fuse holder, without blown fuse indication</b> Nominal voltage and current are given by the fuse. for miniature metric fuses 5 x 20 mm		<b>2-conductor fuse disconnect terminal block with pivoting fuse holder, gray, with blown fuse indication by LED</b> Nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2 mA, for miniature metric fuses 5 x 20 mm	
gray	2006-1611 25	12 - 30 V	2006-1611/1000-541 25
		30 - 65 V	2006-1611/1000-542 25
		120 V	2006-1611/1000-867 25
		230 V	2006-1611/1000-836 25
for miniature metric fuses 5 x 30 mm		for miniature metric fuses 5 x 30 mm	
gray	2006-1621 25	12 - 30 V	2006-1621/1000-541 25
		30 - 65 V	2006-1621/1000-542 25
		120 V	2006-1621/1000-867 25
		230 V	2006-1621/1000-836 25
		380 - 500 V	2006-1621/1000-859 25
for miniature metric fuses 1/4" x 1 1/4"		for miniature metric fuses 1/4" x 1 1/4"	
gray	2006-1631 25	12 - 30 V	2006-1631/1000-541 25
		30 - 65 V	2006-1631/1000-542 25
		120 V	2006-1631/1000-867 25
		230 V	2006-1631/1000-836 25
		380 - 500 V	2006-1631/1000-859 25



Pivoting the fuse holder in the locked open position.



Opening the cover to replace the fuse.

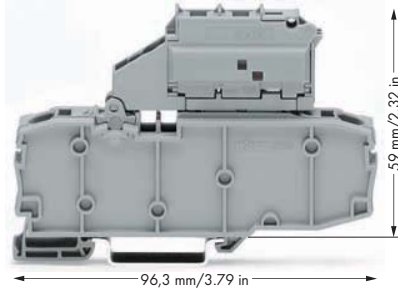
**2006 Series Accessories**

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

<b>End and intermediate plate, 1 mm thick</b> orange 2006-1692 100 (4x25) gray 2006-1691 100 (4x25)	<b>Push-in type jumper bar, insulated,</b> I <sub>N</sub> 41 A, light gray from 1 to 3 2006-433 50 (2x25) from 1 to 4 2006-434 50 (2x25) from 1 to 5 2006-435 50 (2x25)
<b>End plate for fuse terminal blocks,</b> 2 mm thick orange 2006-992 100 (4x25) gray 2006-991 100 (4x25)	<b>Protective warning marker,</b> with high-voltage symbol, black, for 5 terminal blocks yellow 2006-115 100 (4x25)
<b>Push-in type jumper bar, insulated,</b> I <sub>N</sub> 41 A, light gray 2-way 2006-402 50 (2x25) 3-way 2006-403 50 (2x25) 4-way 2006-404 50 (2x25) 5-way 2006-405 50 (2x25)	<b>Test plug,</b> with 500 mm cable, 2 mm Ø red 210-136 50
<b>Star point jumper, insulated,</b> I <sub>N</sub> = I <sub>N</sub> terminal block, light gray 1-3-5 2006-405/011-000 50 (2x25)	<b>WMB Multi marking system,</b> 10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain 793-5501 5

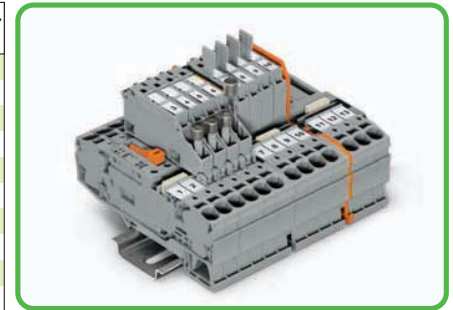
# Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder for Miniature Metric Fuses 1/4" x 1 1/4", 2006 Series

0.5 - 6 (10) mm <sup>2</sup> ① 800 V/8 kV/3 ② I <sub>N</sub> 10 A Terminal block width 10.4 mm / 0.409 in 13 - 15 mm / 0.55 in ③	AWG 20 - 8 600 V, 15 A ④	0.5 - 6 (10) mm <sup>2</sup> ① 800 V/8 kV/3 ② I <sub>N</sub> 10 A Terminal block width 10.4 mm / 0.409 in 13 - 15 mm / 0.55 in ③	AWG 20 - 8 600 V, 15 A ④
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- ① Conductor sizes: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup> "s + f-st"; Push-in conductor sizes: 1 mm<sup>2</sup> - 10 mm<sup>2</sup> "s" and 1.5 mm<sup>2</sup> - 6 mm<sup>2</sup> "insulated ferrule, 12 mm"
- ② 800 V = rated voltage  
8 kV = rated surge voltage  
3 = pollution degree  
(see Section 14)
- ③ Strip length, see packaging or instructions.
- ④ See application notes for: Star point jumper, page 140

Item No.	Pack. Unit	Item No.	Pack. Unit
<b>Fuse disconnect terminal block with pivoting fuse holder and end plate, without blown fuse indication</b> Nominal voltage and current are given by the fuse. for miniature metric fuses 1/4" x 1 1/4"		<b>Fuse disconnect terminal block with pivoting fuse holder and end plate, gray, with blown fuse indication by LED</b> Nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2 mA, for miniature metric fuses 1/4" x 1 1/4"	
gray	2006-1631/099-000 25	12 - 30 V	2006-1631/1099-541 25
		30 - 65 V	2006-1631/1099-542 25
		120 V	2006-1631/1099-867 25
		230 V	2006-1631/1099-836 25
		380 - 500 V	2006-1631/1099-859 25



Pivoting fuse holder with spare fuse holders

Protective warning markers must be applied individually. Due to the 10.4 mm/0.409 in width of the fuse terminal blocks with pivoting fuse holder, 2002 Series jumpers must be used.

## 2006 Series Accessories

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

<b>End plate for fuse terminal blocks,</b> 2 mm thick orange 2006-992 100 (4x25) gray 2006-991 100 (4x25)	<b>Screwless end stop,</b> for DIN 35 rail, 6 mm wide gray 249-116 100 (4x25)
<b>Push-in type jumper bar, insulated,</b> I <sub>N</sub> 25 A, light gray from 1 to 3 2002-433 200 (8x25) from 1 to 5 2002-435 100 (4x25) from 1 to 7 2002-437 100 (4x25) from 1 to 9 2002-439 100 (4x25)	<b>Screwless end stop,</b> for DIN 35 rail, 10 mm wide gray 249-117 50 (2x25)
<b>Star point jumper, insulated,</b> ④ I <sub>N</sub> = I <sub>N</sub> terminal block, light gray 1-3-5 2002-405/011-000 100 (4x25)	
<b>Protective warning marker,</b> with high-voltage symbol, black, for 5 terminal blocks yellow 2006-115 100 (4x25)	
<b>WMB Multi marking system,</b> 10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain 793-5501 5	
<b>Test plug,</b> with 500 mm cable, 2 mm Ø red 210-136 50	

## Miniature metric fuses

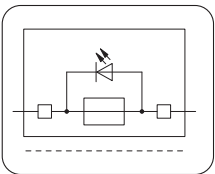
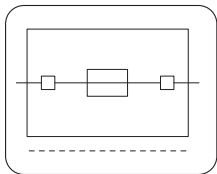
Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
Fused disconnect terminal blocks				
2006-1611	7.5	1.6 W	1.6 W	2.5 W
2006-1621	7.5	1.6 W	1.6 W	2.5 W
2006-1631	7.5	1.6 W	1.6 W	2.5 W
2006-1631 /099...	10.4	2.5 W	2.5 W	2.5 W
2006-1631 /1099...	10.4	2.5 W	2.5 W	2.5 W

When selecting miniature metric fuses, the maximum power loss listed below should not be exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23 °C. The temperature rise of the terminal blocks must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature metric fuses. Therefore, in such applications the rated current must be reduced if necessary. More details are available from the fuse manufacturer.

# TOPJOB® 2004 Series Fuse Plugs on 2002 Series Carrier Terminal Blocks

**Fuse plug with pull-tab**  
for miniature metric fuses 5 x 20 mm  
250 V / I<sub>N</sub> 6.3 A  
Plug width 6.1 mm / 0.24 in

**Fuse plug with pull-tab**  
for miniature metric fuses 5 x 20 mm  
250 V / I<sub>N</sub> 6.3 A  
Plug width 6.1 mm / 0.24 in





Item No.	Pack. Unit
<b>Fuse plug with pull-tab,</b> for miniature metric fuses 5 x 20 mm Nominal voltage and current are given by the fuse.	
● gray <b>2004-911</b>	50

Item No.	Pack. Unit
<b>Fuse plug with pull-tab,</b> for miniature metric fuses 5 x 20 mm, with indicator lamp, gray Nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2 mA	
● 12 - 30 V <b>2004-911/1000-541</b>	50
● 30 - 65 V <b>2004-911/1000-542</b>	50
● 120 V <b>2004-911/1000-867</b>	50
● 230 V <b>2004-911/1000-836</b>	50

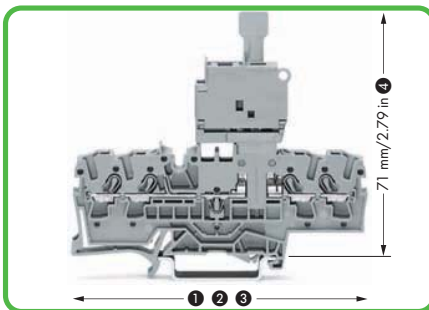
**Accessories**  
Appropriate marking systems: WMB/Marking strips  
(see Section 13)

<b>2-conductor carrier terminal block,</b> ① 0.25 - 2.5 (4) mm <sup>2</sup> / AWG 22 - 12 Terminal block width 5.2 mm / 0.205 in gray <b>2002-1661</b>	50
<b>End and intermediate plate, 1 mm thick</b> orange <b>2002-1692</b> 100 (4x25) gray <b>2002-1691</b> 100 (4x25)	
<b>4-conductor carrier terminal block,</b> ② 0.25 - 2.5 (4) mm <sup>2</sup> / AWG 22 - 12 Terminal block width 5.2 mm / 0.205 in gray <b>2002-1861</b>	50
<b>End and intermediate plate, 1 mm thick</b> orange <b>2002-1892</b> 100 (4x25) gray <b>2002-1891</b> 100 (4x25)	
<b>2-conductor carrier terminal block,</b> ③ 0.25 - 2.5 (4) mm <sup>2</sup> / AWG 22 - 12 Terminal block width 5.2 mm / 0.205 in gray <b>2002-1961</b>	50
<b>End and intermediate plate, 1 mm thick</b> orange <b>2002-1992</b> 100 (4x25) gray <b>2002-1991</b> 100 (4x25)	

<b>Double-deck carrier terminal block,</b> 0.25 - 2.5 (4) mm <sup>2</sup> / AWG 22 - 12 Terminal block width 5.2 mm / 0.205 in L/L <b>2002-2961</b>	50
<b>Double-deck carrier terminal block,</b> 0.25 - 2.5 (4) mm <sup>2</sup> / AWG 22 - 12 Terminal block width 5.2 mm / 0.205 in L/N <b>2002-2963</b>	50
<b>End and intermediate plate, 1 mm thick</b> orange <b>2002-2992</b> 100 (4x25) gray <b>2002-2991</b> 100 (4x25)	
<b>End plate for fuse terminal blocks,</b> 2 mm thick orange <b>2002-992</b> 100 (4x25) gray <b>2002-991</b> 100 (4x25)	
<b>Shorting link, 5 x 20 mm,</b> if the fuse plug is used as disconnect plug I <sub>N</sub> 6.3 A <b>281-503</b>	250 (10x25)

Accessories	
<b>WMB Multi marking system,</b> 	10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain <b>793-5501</b>
<b>WMB Multi marking system, plain,</b> 	10 strips with 10 markers per card, stretchable 5 - 5.2 mm
	yellow <b>793-5501/000-002</b>
	red <b>793-5501/000-005</b>
	blue <b>793-5501/000-006</b>
	gray <b>793-5501/000-007</b>
	orange <b>793-5501/000-012</b>
	light green <b>793-5501/000-017</b>
	green <b>793-5501/000-023</b>
	violet <b>793-5501/000-024</b>

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



**Fuse plug dimensions:**

- 1 66.5 mm/2.62 in for 2002-1661
- 2 87.5 mm/3.45 in for 2002-1861
- 3 72.9 mm/2.87 in for 2002-1961
- 4 with inserted fuse plug

Using pluggable fuse holders with rail-mount terminal blocks for control circuit protection is highly advantageous for the user since the function and the wiring are accomplished by two separate parts:

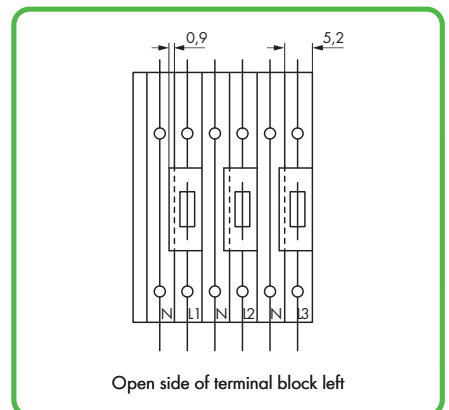
- No additional cost for assembly and wiring
- No risk of accidental contact with live parts during disconnection of fuse plug
- If exchanging a defective fuse, the fuse plug is completely separated from the carrier terminal block. This provides safe fuse changeout away from current carrying parts.
- The fuse plug can be removed by service personnel, avoiding unintentional reclosing of the circuit by another person.
- Quick replacement a fuse by using a prepared "stand-by plug."

The following fuse plug features provide quick and safe handling:

- Optional LED indicates blown fuse
- Marking slot on the fuse plug for clear coordination to the correct carrier terminal block
- Two touch-proof test slots
- High density with only 6.1 mm/0.24 in width of terminal block/fuse plug
- Instead of a fuse, a shorting link may be used as a disconnect plug.

**Miniature metric fuses 5 x 20**

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
Fuse terminal blocks				
2004-911				
2004-911/.....	1.6 W	1.6 W	2.5 W	2.5 W



Open side of terminal block left

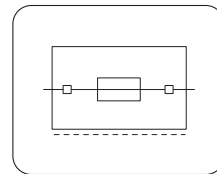
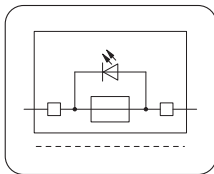
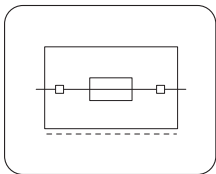
**Please note:**

The extra width of the plug (6.1 mm/0.24 in compared to 5.2 mm/0.2 in for carrier terminal blocks) must be compensated for by intermediate plates (1 mm/0.039 in) when building an assembly of carrier terminal blocks equipped with fuse plugs.

# TOPJOB®

## Fuse Plugs on Carrier Terminal Blocks 6 (10) mm<sup>2</sup> 2006 Series

<b>Fuse plug with pull-tab</b>  800 V / I <sub>N</sub> 10 A Plug width 7.4 mm / 0.291 in	<b>Fuse plug with pull-tab</b>  800 V / I <sub>N</sub> 10 A Plug width 7.4 mm / 0.291 in	<b>Fuse plug with pull-tab</b>  800 V / I <sub>N</sub> 10 A Plug width 10.4 mm / 0.409 in
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>Fuse plug with pull-tab</b> Nominal voltage and current are given by the fuse. for miniature metric fuses 5 x 20 mm		<b>Fuse plug with pull-tab, gray, with indicator lamp</b> Nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2 mA, for miniature metric fuses 5 x 20 mm		<b>Fuse plug with pull-tab</b> Nominal voltage and current are given by the fuse. for miniature metric fuses 1/4" x 11/4"	
○ gray	<b>2006-911</b> 25	○ 12 - 30 V <b>2006-911/1000-541</b> 25 ○ 30 - 65 V <b>2006-911/1000-542</b> 25 ○ 120 V <b>2006-911/1000-867</b> 25 ○ 230 V <b>2006-911/1000-836</b> 25		○ gray	<b>2006-931/099-000</b> 25
for miniature metric fuses 5 x 30 mm		for miniature metric fuses 5 x 30 mm			
○ gray	<b>2006-921</b> 25	○ 12 - 30 V <b>2006-921/1000-541</b> 25 ○ 30 - 65 V <b>2006-921/1000-542</b> 25 ○ 120 V <b>2006-921/1000-867</b> 25 ○ 230 V <b>2006-921/1000-836</b> 25 ○ 380 - 500 V <b>2006-921/1000-859</b> 25			
for miniature metric fuses 1/4" x 11/4"		for miniature metric fuses 1/4" x 11/4"			
○ gray	<b>2006-931</b> 25	○ 12 - 30 V <b>2006-931/1000-541</b> 25 ○ 30 - 65 V <b>2006-931/1000-542</b> 25 ○ 120 V <b>2006-931/1000-867</b> 25 ○ 230 V <b>2006-931/1000-836</b> 25 ○ 380 - 500 V <b>2006-931/1000-859</b> 25			
<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>Intermediate plate, 2.9 mm thick</b>	
orange <b>2006-1692</b> 100 (4x25) gray <b>2006-1691</b> 100 (4x25)		orange <b>2006-1692</b> 100 (4x25) gray <b>2006-1691</b> 100 (4x25)		orange <b>2006-1696</b> 100 (4x25) gray <b>2006-1695</b> 100 (4x25)	

### Accessories fuse plugs

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

<b>End plate for fuse terminal blocks,</b> 2 mm thick orange <b>2006-992</b> 100 (4x25) gray <b>2006-991</b> 100 (4x25)	<b>Shorting link, 5 x 20 mm,</b> if the fuse plug is used as disconnect plug I <sub>N</sub> 6.3 A <b>281-503</b> 250 (10x25)	<b>Screwless end stop,</b> for DIN 35 rail, 6 mm wide gray <b>249-116</b> 100 (4x25)
<b>2-conductor carrier terminal block,</b> 0.5 - 6 (10) mm <sup>2</sup> / AWG 20 - 8 Terminal block width 7.5 mm / 0.295 in gray <b>2006-1661</b> 25	<b>WMB Multi marking system,</b> 10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain <b>793-5501</b> 5	<b>Screwless end stop,</b> for DIN 35 rail, 10 mm wide gray <b>249-117</b> 50 (2x25)

**Fuse plug with pull-tab**

800 V / I<sub>N</sub> 10 A

Plug width 10.4 mm / 0.409 in

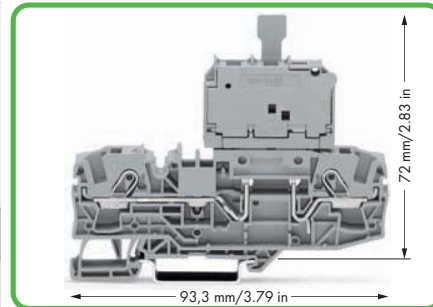
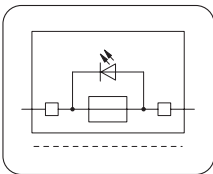


Using pluggable fuse holders with rail-mounted terminal blocks for control circuit protection is highly advantageous for the user, as the function and the wiring are accomplished by two separate parts:

- No additional cost for assembly and wiring
- No risk of accidental contact with live parts during disconnection of fuse plug
- If exchanging a defective fuse, the fuse plug is completely separated from the carrier terminal block. This provides changeout away from current carrying parts.
- The fuse plug can be removed by service personnel, avoiding unintentional reclosing of the circuit by another person
- Quick replacement a fuse by using a prepared "stand-by plug."

The following features of the fuse plug ensure quick and safe use:

- Optional LED indicates blown fuse
- Markable fuse plug for clear coordination to the correct carrier terminal block
- Two touch-proof test slots
- High density with only 7.5 mm/0.295 in width of terminal block and fuse plug width 7.4 (10.4) mm
- Instead of a fuse, a shorting link may be used as a disconnect plug

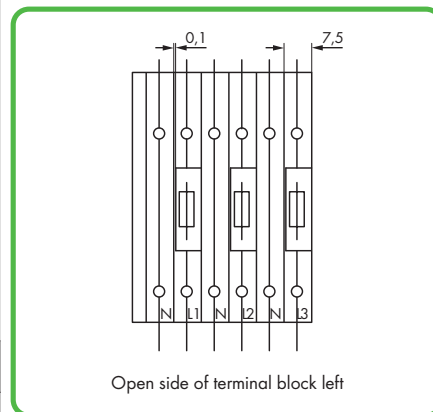


Fuse plug dimensions

**Miniature metric fuse**

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
Fused disconnect terminal blocks				
2006-911	7.5	1.6 W	1.6 W	2.5 W
2006-921	7.5	1.6 W	1.6 W	2.5 W
2006-931	7.5	1.6 W	1.6 W	2.5 W
Fused disconnect terminal blocks				
2006-931 /099...	10.4	2.5 W	2.5 W	2.5 W
2006-931 /1099...	10.4	2.5 W	2.5 W	2.5 W

Item No.	Pack. Unit
<b>Fuse plug with pull-tab, gray, with indicator lamp</b>	
Nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2 mA, for miniature metric fuses 1/4" x 1 1/4"	
○ 12 - 30 V	2006-931/1099-541 25
○ 30 - 65 V	2006-931/1099-542 25
○ 120 V	2006-931/1099-867 25
○ 230 V	2006-931/1099-836 25
○ 380 - 500 V	2006-931/1099-859 25



Open side of terminal block left

**Item-Specific Accessories**

Intermediate plate, 2.9 mm thick

orange	2006-1696	100 (4x25)
gray	2006-1695	100 (4x25)

**When using the 10.4 mm/0.409 in wide plug, please note:**

The extra width of the plug (10.4 mm/0.409 in compared to 7.5 mm/0.295 in for carrier terminal blocks) must be compensated for by intermediate plates (2.9 mm) when building an assembly of carrier terminal blocks equipped with fuse plugs.