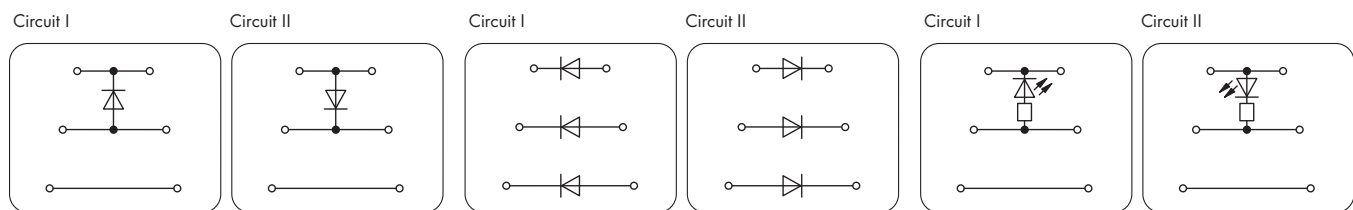
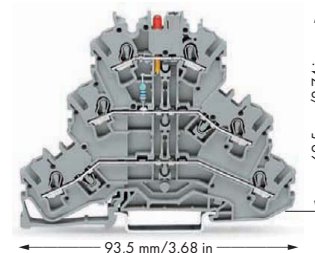
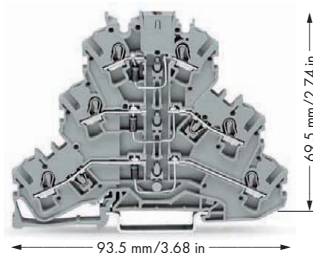
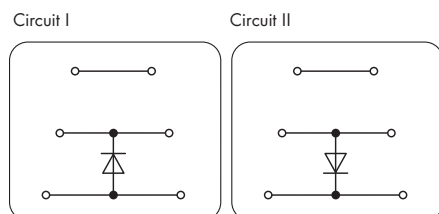
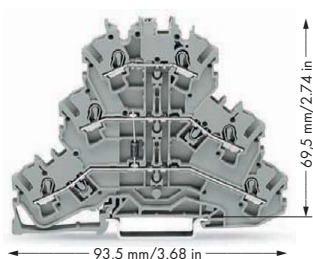


# Triple-Deck Diode Terminal Blocks and LED Terminal Blocks 2.5 (4) mm<sup>2</sup> TOPJOB® S – 2002 Series

<p>0.25 - 2.5 (4) mm<sup>2</sup> ①   AWG 22 - 12                  U<sub>N</sub> 250 V, U<sub>RM</sub> 1000 V                  1N4007 - 0.5 A continuous current                  Terminal block width 5.2 mm / 0.205 in                  10 - 12 mm / 0.43 in ②</p>	<p>0.25 - 2.5 (4) mm<sup>2</sup> ①   AWG 22 - 12                  U<sub>N</sub> 250 V, U<sub>RM</sub> 1000 V                  1N4007 - 0.5 A continuous current                  Terminal block width 5.2 mm / 0.205 in                  10 - 12 mm / 0.43 in ②</p>	<p>0.25 - 2.5 (4) mm<sup>2</sup> ①   AWG 22 - 12                  DC 24 V                  I<sub>f</sub> 0.025 A max.                  Terminal block width 5.2 mm / 0.205 in                  10 - 12 mm / 0.43 in ②</p>
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>Triple-deck diode terminal block with 1N4007 diode, gray</b>		<b>Triple-deck diode terminal block with 3 diodes, gray</b>		<b>Triple-deck LED terminal block with red LED, DC 24 V, gray</b>	
Circuit I	2002-3211/1000-410 50	Circuit I	2002-3212/1000-673 50	Circuit I	2002-3221/1000-434 50
Circuit II	2002-3211/1000-411 50	Circuit II	2002-3212/1000-674 50	Circuit II	2002-3221/1000-413 50



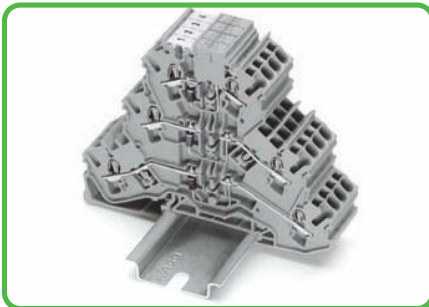
Item No.	Pack. Unit	
<b>Triple-deck diode terminal block with 1N4007 diode, gray</b>		<b>Through terminal blocks with same profile, see page 68</b>
Circuit I	2002-3211/1000-675 50	
Circuit II	2002-3211/1000-676 50	

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

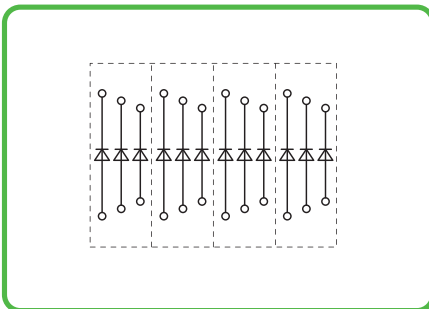
# Circuit Configuration Example

## Triple-Deck Diode Terminal Blocks







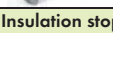











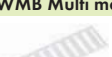

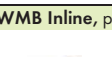















- ❶ Conductor sizes: 0.25 mm<sup>2</sup> - 4 mm<sup>2</sup> "s + f-st";  
Push-in conductor sizes: 0.75 mm<sup>2</sup> - 4 mm<sup>2</sup> "s"  
and 0.75 mm<sup>2</sup> - 2.5 mm<sup>2</sup>  
"insulated ferrules, 12 mm"
- ❷ Strip length, see packaging or instructions.



**Triple-deck diode terminal blocks** have been specially developed for custom diode circuits, such as lamp test and collective fault signal circuits. Using LED terminal blocks, monitoring units can be designed, e.g., for control and operating circuits. The terminal blocks provide high-density wiring, while maintaining a width of only 5.2 mm/0.205 in. Push-in type jumper bars provide additional options for custom circuit design.



Open diode gates can be created, which can be connected individually using the following terminal blocks:  
**2002-3212/1000-763 or 2002-3212/1000-674**  
Using push-in type jumper bars, individual levels can be turned into polarized diode gates.

2002 Series Accessories		Appropriate marking systems: WMB/WMB Inline/Marking strips (see Section 13)	
<b>End and intermediate plate, 0.8 mm thick</b>		<b>End plate,</b>	
 orange	<b>2002-3292</b> 100 (4x25)		for modular TOPJOB®S connectors, 1.5 mm thick
 gray	<b>2002-3291</b> 100 (4x25)		gray <b>2002-541</b> 100 (4x25)
<b>Triple-deck marker carrier,</b>		<b>Test plug,</b>	
 pivoting			with 500 mm/17.7 in cable, 2 mm Ø
 gray	<b>2002-131</b> 50 (2x25)		red <b>210-136</b> 50
<b>Insulation stop,</b>		<b>Test plug adapter,</b>	
	5 pcs/strip, 0.25 - 0.5 mm <sup>2</sup>		for test plug 4 mm Ø
	light gray <b>2002-171</b> 200 (8x25)		gray <b>2009-174</b> 100 (4x25)
<b>Insulation stop,</b>		<b>Testing tap,</b>	
	5 pcs/strip, 0.75 - 1 mm <sup>2</sup>		for max. 2.5 mm <sup>2</sup>
	dark gray <b>2002-172</b> 200 (8x25)		gray <b>2009-182</b> 100 (4x25)
<b>Push-in type jumper bar, insulated,</b>		<b>Banana plug,</b>	
	I <sub>N</sub> 25 A, light gray		for socket 4 mm Ø, color mixed
	2-way <b>2002-402</b> 200 (8x25)		<b>215-111</b> 50
	3-way <b>2002-403</b> 200 (8x25)	<b>WMB Multi marking system,</b>	
	4-way <b>2002-404</b> 200 (8x25)		10 strips with 10 markers per card, stretchable 5 - 5.2 mm
	5-way <b>2002-405</b> 100 (4x25)		plain <b>793-5501</b> 5
	6-way <b>2002-406</b> 100 (4x25)	<b>WMB Inline, plain,</b>	
	7-way <b>2002-407</b> 100 (4x25)		stretchable 5 - 5.2 mm, 1,500 WMB markers, 5 mm, on roll
	8-way <b>2002-408</b> 100 (4x25)		white <b>2009-115</b> 1
	9-way <b>2002-409</b> 100 (4x25)	<b>Marking strip, plain,</b>	
	10-way <b>2002-410</b> 100 (4x25)		11 mm wide, 50 m roll
<b>Push-in type jumper bar, insulated,</b>			white <b>2009-110</b> 1
	I <sub>N</sub> 25 A, light gray	<b>TOPJOB®S group marker carrier,</b>	
	1 - 3 <b>2002-433</b> 200 (8x25)		snap-on type for jumper slot, 5 mm wide
	1 - 4 <b>2002-434</b> 200 (8x25)		gray <b>2009-191</b> 50 (2x25)
	1 - 5 <b>2002-435</b> 100 (4x25)	<b>Screwless end stop,</b>	
	1 - 6 <b>2002-436</b> 100 (4x25)		for DIN 35 rail, 6 mm/0.236 in wide
	1 - 7 <b>2002-437</b> 100 (4x25)		gray <b>249-116</b> 100 (4x25)
	1 - 8 <b>2002-438</b> 100 (4x25)	<b>Screwless end stop,</b>	
	1 - 9 <b>2002-439</b> 100 (4x25)		for DIN 35 rail, 10 mm/0.394 in wide
	1 - 10 <b>2002-440</b> 100 (4x25)		gray <b>249-117</b> 50 (2x25)
<b>TOPJOB®S connector,</b>		<b>Spacer module, can be snapped together,</b>	
	modular, for jumper contact slot		e.g., for bridging commoned terminal blocks
	gray <b>2002-511</b> 100 (4x25)		gray <b>2002-549</b> 100 (4x25)