


# 1 TOPJOB® S

## Double-Deck Terminal Blocks 1 (1.5) mm<sup>2</sup>


### 2000 Series

68

0.14 - 1 (1.5) mm<sup>2</sup> ① | AWG 24 - 16  
500 V/6 kV/3 ②  
I<sub>N</sub> 13.5 A (18 A)

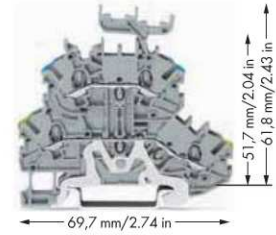
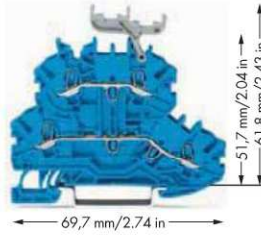
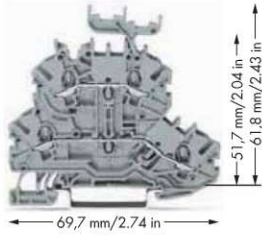
Terminal block width 3.5 mm / 0.138 in  
 9 - 11 mm / 0.39 in ③

0.14 - 1 (1.5) mm<sup>2</sup> ① | AWG 24 - 16  
500 V/6 kV/3 ②  
I<sub>N</sub> 13.5 A (18 A)

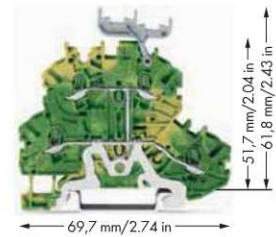
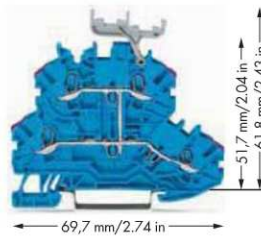
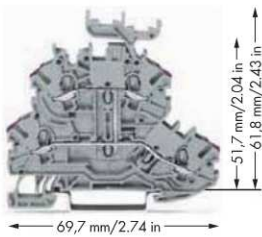
Terminal block width 3.5 mm / 0.138 in  
 9 - 11 mm / 0.39 in ③

0.14 - 1 (1.5) mm<sup>2</sup> ① | AWG 24 - 16  
500 V/6 kV/3 ②  
I<sub>N</sub> 13.5 A (18 A)

Terminal block width 3.5 mm / 0.138 in  
 9 - 11 mm / 0.39 in ③

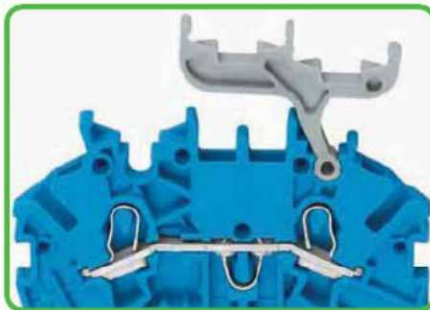


Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit		
<b>Through/through terminal block, with marker carrier, gray housing</b>		<b>Through/through terminal block, with marker carrier, blue housing</b>		<b>Ground conductor/through terminal block, with marker carrier, gray housing</b>			
● L/L	2000-2231	50	● N/N	2000-2234	50		
● N/L	2000-2232	50			● PE/N	2000-2247	50
● L/N	2000-2233	50			● PE/L	2000-2257	50
<b>Through/through terminal block, without marker carrier, gray housing</b>		<b>Through/through terminal block, without marker carrier, blue housing</b>		<b>Ground conductor/through terminal block, without marker carrier, gray housing</b>			
● L/L	2000-2201	50	● N/N	2000-2204	50		
● N/L	2000-2202	50			● PE/N	2000-2217	50
● L/N	2000-2203	50			● PE/L	2000-2227	50















Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit	
<b>4-conductor through terminal block, with marker carrier, internal commoning, conductor entry position colored in violet, gray housing</b>		<b>4-conductor through terminal block, with marker carrier, internal commoning, conductor entry position colored in violet, blue housing</b>		<b>4-conductor ground terminal block, with marker carrier, internal commoning, green-yellow housing</b>		
● L	2000-2238	50	● N	2000-2239	50	
<b>4-conductor through terminal block, without marker carrier, internal commoning, conductor entry position colored in violet, gray housing</b>		<b>4-conductor through terminal block, without marker carrier, internal commoning, conductor entry position colored in violet, blue housing</b>		<b>4-conductor ground terminal block, without marker carrier, internal commoning, green-yellow housing</b>		
● L	2000-2208	50	● N	2000-2209	50	
				● PE	2000-2237	50
				● PE	2000-2207	50

- ① Conductor sizes: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup> "s + f-st";  
Push-in conductor sizes: 0.5 mm<sup>2</sup> - 1.5 mm<sup>2</sup> "s"  
and 0.5 mm<sup>2</sup> - 0.75 mm<sup>2</sup>  
"insulated ferrule, 10 mm"
- ② 500 V = rated voltage  
6 kV = rated surge voltage  
3 = pollution degree  
(see Section 14)
- ③ Strip length, see packaging or instructions.



**Double-deck terminal block assembly**  
A double-deck marker carrier can be fitted retrospectively to double-deck terminal blocks without marker carrier.

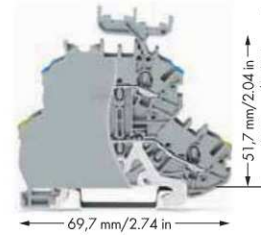
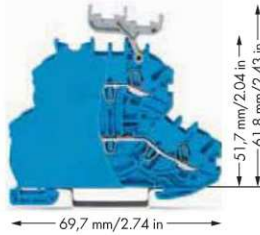
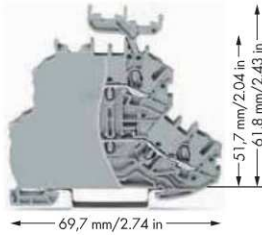
2000 Series Accessories			
Appropriate marking systems: WMB/Marking strips (see Section 13)			
<b>End and intermediate plate, 0.7 mm thick</b>		<b>Test plug adapter,</b>	
	orange <b>2000-2292</b> 25		for test plug 4 mm Ø
	gray <b>2000-2291</b> 25		gray <b>2009-174</b> 100 (4x25)
<b>Push-in type jumper bar, insulated,</b>		<b>Banana plug,</b>	
	I <sub>N</sub> 14 A, light gray		for socket 4 mm Ø, color mixed
	2-way <b>2000-402</b> 200 (8x25)		<b>215-111</b> 50
	3-way <b>2000-403</b> 200 (8x25)	<b>Testing tap,</b>	
	4-way <b>2000-404</b> 200 (8x25)		for max. 2.5 mm <sup>2</sup>
	5-way <b>2000-405</b> 100 (4x25)		gray <b>2009-182</b> 100 (4x25)
	6-way <b>2000-406</b> 100 (4x25)	<b>Test plug,</b>	
	7-way <b>2000-407</b> 100 (4x25)		with 500 mm cable, 2 mm Ø
	8-way <b>2000-408</b> 100 (4x25)		red <b>210-136</b> 50
	9-way <b>2000-409</b> 100 (4x25)	<b>Test plug,</b>	
	10-way <b>2000-410</b> 100 (4x25)		with 500 mm cable, 2.3 mm Ø
<b>Push-in type jumper bar, insulated,</b>			yellow <b>210-137</b> 50
	I <sub>N</sub> 14 A, light gray		
	from 1 to 3 <b>2000-433</b> 200 (8x25)		
	from 1 to 4 <b>2000-434</b> 200 (8x25)		
	from 1 to 5 <b>2000-435</b> 100 (4x25)		
	from 1 to 6 <b>2000-436</b> 100 (4x25)		
	from 1 to 7 <b>2000-437</b> 100 (4x25)		
	from 1 to 8 <b>2000-438</b> 100 (4x25)		
	from 1 to 9 <b>2000-439</b> 100 (4x25)		
	from 1 to 10 <b>2000-440</b> 100 (4x25)		
<b>Protective warning marker,</b>			
	with high-voltage symbol, black, for 5 terminal blocks		
	yellow <b>2000-115</b> 100 (4x25)		
<b>Double-deck marker carrier,</b>			
	pivoting gray <b>2000-121</b> 50 (2x25)		
<b>WMB Multi marking system,</b>			
	10 strips with 10 markers per card, for 3.5 mm terminal block width		
	plain <b>793-3501</b> 5		
<b>Marking strip, plain,</b>			
	11 mm wide, 50 m roll white <b>2009-110</b> 1		

# TOPJOB® Double-Deck Terminal Blocks 1 (1.5) mm<sup>2</sup> 2000 Series

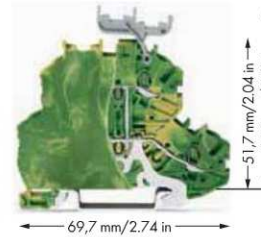
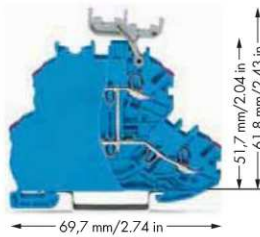
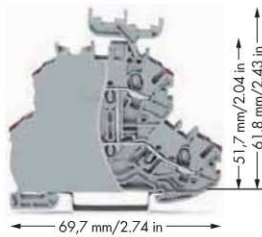
0.14 - 1 (1.5) mm<sup>2</sup> ① | AWG 24 - 16  
800 V/8 kV/3 ②  
I<sub>N</sub> 13.5 A (18 A)  
Terminal block width 4.2 mm / 0.165 in  
9 - 11 mm / 0.39 in ③

0.14 - 1 (1.5) mm<sup>2</sup> ① | AWG 24 - 16  
800 V/8 kV/3 ②  
I<sub>N</sub> 13.5 A (18 A)  
Terminal block width 4.2 mm / 0.165 in  
9 - 11 mm / 0.39 in ③

0.14 - 1 (1.5) mm<sup>2</sup> ① | AWG 24 - 16  
800 V/8 kV/3 ②  
I<sub>N</sub> 13.5 A (18 A)  
Terminal block width 4.2 mm / 0.165 in  
9 - 11 mm / 0.39 in ③



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit		
<b>Through/through terminal block, with end plate, with marker carrier, gray housing</b>		<b>Through/through terminal block, with end plate, with marker carrier, blue housing</b>		<b>Ground conductor/through terminal block, with end plate, with marker carrier, gray housing</b>			
● L/L	2000-2231/099-000	50	● N/N	2000-2234/099-000	50		
● N/L	2000-2232/099-000	50			● PE/N	2000-2247/099-000	50
● L/N	2000-2233/099-000	50			● PE/L	2000-2257/099-000	50
<b>Through/through terminal block, with end plate, without marker carrier, gray housing</b>		<b>Through/through terminal block, with end plate, without marker carrier, blue housing</b>		<b>Ground conductor/through terminal block, with end plate, without marker carrier, gray housing</b>			
● L/L	2000-2201/099-000	50	● N/N	2000-2204/099-000	50		
● N/L	2000-2202/099-000	50			● PE/N	2000-2217/099-000	50
● L/N	2000-2203/099-000	50			● PE/L	2000-2227/099-000	50



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit		
<b>4-conductor through terminal block, with end plate, with marker carrier, internal commoning, conductor entry position colored in violet, gray housing</b>		<b>4-conductor through terminal block, with end plate, with marker carrier, internal commoning, conductor entry position colored in violet, blue housing</b>		<b>4-conductor ground terminal block, with end plate, with marker carrier, internal commoning, green-yellow housing</b>			
● L	2000-2238/099-000	50	● N	2000-2239/099-000	50		
<b>4-conductor through terminal block, with end plate, without marker carrier, internal commoning, conductor entry position colored in violet, gray housing</b>		<b>4-conductor through terminal block, with end plate, without marker carrier, internal commoning, conductor entry position colored in violet, blue housing</b>		<b>4-conductor ground terminal block, with end plate, without marker carrier, internal commoning, green-yellow housing</b>			
● L	2000-2208/099-000	50	● N	2000-2209/099-000	50		
					● PE	2000-2237/099-000	50
					● PE	2000-2207/099-000	50















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



- ① Conductor sizes: 0.14 mm<sup>2</sup> - 1.5 mm<sup>2</sup> "s + f-st";  
Push-in conductor sizes: 0.5 mm<sup>2</sup> - 1.5 mm<sup>2</sup> "s"  
and 0.5 mm<sup>2</sup> - 0.75 mm<sup>2</sup>  
"insulated ferrule, 10 mm"
- ② 800 V = rated voltage  
8 kV = rated surge voltage  
3 = pollution degree  
(see Section 14)
- ③ Strip length, see packaging or instructions.



**Double-deck terminal block assembly**  
A double-deck marker carrier can be fitted retrospectively to double-deck terminal blocks without marker carrier.




2000 Series Accessories		Appropriate marking systems: WMB/Marking strips (see Section 13)	
<b>End and intermediate plate, 0.7 mm thick</b> 		<b>Test plug adapter,</b> for test plug 4 mm Ø 	
orange	2000-2292 25	gray	2009-174 100 (4x25)
gray	2000-2291 25		
<b>Push-in type jumper bar, insulated,</b> I <sub>N</sub> 18 A, 		<b>Testing tap,</b> for max. 2.5 mm <sup>2</sup> 	
light gray		gray	2009-182 100 (4x25)
2-way	2001-402 200 (8x25)		
3-way	2001-403 200 (8x25)		
4-way	2001-404 200 (8x25)		
5-way	2001-405 100 (4x25)		
6-way	2001-406 100 (4x25)		
7-way	2001-407 100 (4x25)		
8-way	2001-408 100 (4x25)		
9-way	2001-409 100 (4x25)		
10-way	2001-410 100 (4x25)		
<b>Push-in type jumper bar, insulated,</b> I <sub>N</sub> 18 A, 		<b>Banana plug,</b> for socket 4 mm Ø, color mixed 	
light gray			215-111 50
from 1 to 3	2001-433 200 (8x25)		
from 1 to 4	2001-434 200 (8x25)		
from 1 to 5	2001-435 100 (4x25)		
from 1 to 6	2001-436 100 (4x25)		
from 1 to 7	2001-437 100 (4x25)		
from 1 to 8	2001-438 100 (4x25)		
from 1 to 9	2001-439 100 (4x25)		
from 1 to 10	2001-440 100 (4x25)		
<b>Protective warning marker,</b> with high-voltage symbol, black, for 5 terminal blocks 		<b>Test plug,</b> with 500 mm cable, 2 mm Ø 	
yellow	2001-115 100 (4x25)	red	210-136 50
<b>Double-deck marker carrier,</b> pivoting 		with 500 mm cable, 2.3 mm Ø 	
gray	2000-121 50 (2x25)	yellow	210-137 50
<b>Marking strip, plain,</b> 11 mm wide, 		<b>WMB Inline, plain,</b> stretchable 4 - 4.2 mm, 2,000 WMB markers, 4 mm, on roll white 	
white	2009-110 1	white	2009-114 1
		<b>WMB Multi marking system,</b> 10 strips with 10 markers per card, stretchable 4 - 4.2 mm plain 	
		plain 793-4501 5	
		<b>WMB Multi marking system, plain,</b> 10 strips with 10 markers per card, stretchable 4 - 4.2 mm 	
		yellow 793-4501/000-002	
		red 793-4501/000-005	
		blue 793-4501/000-006	
		gray 793-4501/000-007	
		orange 793-4501/000-012	
		light green 793-4501/000-017	
		green 793-4501/000-023	
		violet 793-4501/000-024	
		5	

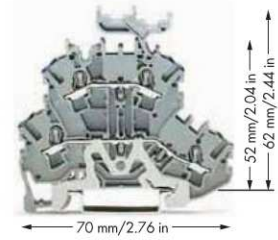
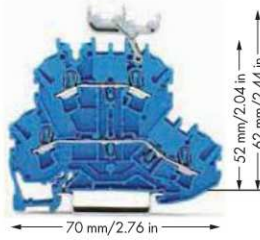
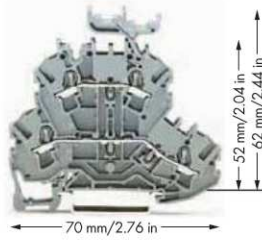
# 1 TOPJOB® S

## Double-Deck Terminal Blocks 2.5 (4) mm<sup>2</sup>

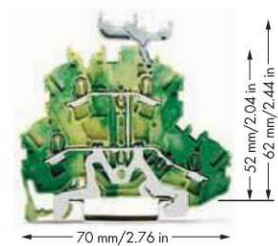
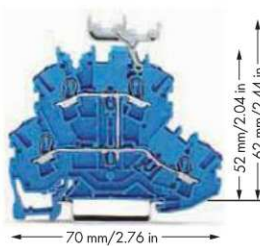
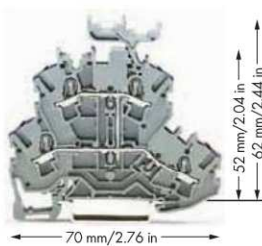
### 2002 Series

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<b>0.25 - 2.5 (4) mm<sup>2</sup></b> ① <b>500 V/6 kV/3</b> ② <b>I<sub>N</sub> 24 A (28 A)</b> Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ③	<b>AWG 22 - 12</b> <b>300 V, 20 A</b> ④ <b>600 V, 20 A</b> ⑤	<b>0.25 - 2.5 (4) mm<sup>2</sup></b> ① <b>500 V/6 kV/3</b> ② <b>I<sub>N</sub> 24 A (28 A)</b> Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ③	<b>AWG 22 - 12</b> <b>300 V, 20 A</b> ④ <b>600 V, 20 A</b> ⑤	<b>0.25 - 2.5 (4) mm<sup>2</sup></b> ① <b>500 V/6 kV/3</b> ② <b>I<sub>N</sub> 24 A (28 A)</b> Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ③	<b>AWG 22 - 12</b> <b>300 V, 20 A</b> ④ <b>600 V, 20 A</b> ⑤
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>Through/through terminal block, with marker carrier, gray housing</b>		<b>Through/through terminal block, with marker carrier, blue housing</b>		<b>Ground conductor/through terminal block, with marker carrier, gray housing</b>	
● L/L ④	2002-2231 ⑤ 50	● N/N ④	2002-2234 ④ ⑤ 50	● PE/N ④	2002-2247 ⑤ 50
● N/L ④	2002-2232 ⑤ 50			● PE/L ④	2002-2257 ⑤ 50
● L/N ④	2002-2233 ⑤ 50				
<b>Through/through terminal block, without marker carrier, gray housing</b>		<b>Through/through terminal block, without marker carrier, blue housing</b>		<b>Ground conductor/through terminal block, without marker carrier, gray housing</b>	
● L/L ④	2002-2201 ⑤ 50	● N/N ④	2002-2204 ④ ⑤ 50	● PE/N ④	2002-2217 ⑤ 50
● N/L ④	2002-2202 ⑤ 50			● PE/L ④	2002-2227 ⑤ 50
● L/N ④	2002-2203 ⑤ 50				
<b>Other terminal blocks with the same profile:</b>					
Diode	2002-2211/1000-410	Page 124			
LED	2002-2221/1000-434	Page 124			

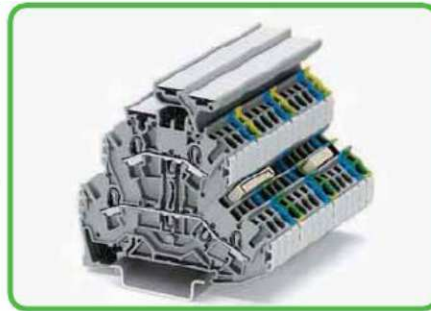
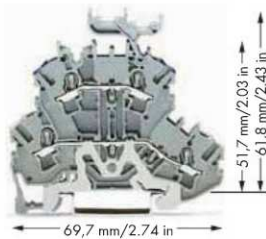


Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>4-conductor through terminal block, with marker carrier, internal commoning, conductor entry position colored in violet, gray housing</b>		<b>4-conductor through terminal block, with marker carrier, internal commoning, conductor entry position colored in violet, blue housing</b>		<b>4-conductor ground terminal block, with marker carrier, internal commoning, green-yellow housing</b>	
● L ④	2002-2238 ⑤ 50	● N ④	2002-2239 ④ ⑤ 50	● PE ④	2002-2237 ⑤ 50
<b>4-conductor through terminal block, without marker carrier, internal commoning, conductor entry position colored in violet, gray housing</b>		<b>4-conductor through terminal block, without marker carrier, internal commoning, conductor entry position colored in violet, blue housing</b>		<b>4-conductor ground terminal block, without marker carrier, internal commoning, green-yellow housing</b>	
● L ④	2002-2208 ⑤ 50	● N ④	2002-2209 ④ ⑤ 50	● PE ④	2002-2207 ⑤ 50



0.25 - 2.5 (4) mm<sup>2</sup> ① AWG 22 - 12  
500 V/6 kV/3 ②  
I<sub>N</sub> 24 A (28 A)

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



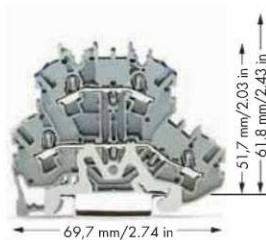
Double-deck terminal block assembly

- 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"
- ② 500 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  
440 V, 20 A  
Jumper 18 A  
(also see Section 14)
- ⑥ See application notes for:  
Ex e/Ex i separator plate, page 52  
Colored push-in type jumper bars, page 139  
Vertical jumper, page 142

Item No.	Pack. Unit
<b>Shield conductor/through terminal block, with marker carrier, gray housing</b>	
Shield/N 2002-2248	50
Shield/L 2002-2258	50



The ground conductor or shield terminal blocks have a contact foot in the bottom level, automatically establishing direct contact to the carrier rail. The flexible double-deck marker carrier, which is placed above the wiring levels, can be pushed aside during the wiring or commoning operation. The marker carrier has two levels for two different WMB markers relating to the two decks of the terminal blocks. With a terminal block width of only 5.2mm an effective width of only 2.6mm for terminal blocks of same or different potentials can be realized for conductor sizes from 0.25 mm<sup>2</sup> to 4 mm<sup>2</sup> (22-12 AWG). For protection against external interfering signals, an increasing number of shielded control cables are being used. Shield terminal blocks for front-entry are suitable for connecting the cable braid. Like ground conductor terminal blocks for front-entry, they are equipped with a grounding foot for direct electrical connection to the rail, however they differ significantly by their white insulated housing. Shield terminal blocks can be directly mounted beside signal-conductor terminal blocks and provide excellent deflection of interfering signals.



Item No.	Pack. Unit
<b>Shield conductor/through terminal block, without marker carrier, gray housing</b>	
Shield/N 2002-2218	50
Shield/L 2002-2228	50

**2002 Series Accessories**

Appropriate marking system (see Section 13)

End and intermediate plate, 0.8 mm thick			
orange	2002-2292	100	(4x25)
gray	2002-2291	100	(4x25)

Ex e/Ex i separator, orange,			
⑥ 3 mm thick	125.5 mm	209-192	50 (2x25)

Double-deck marker carrier,			
pivoting	gray	2002-121	50 (2x25)

Insulation stop,			
5 pcs/strip, 0.25 - 0.5 mm <sup>2</sup>	light gray	2002-171	200 (8x25)

Insulation stop,			
5 pcs/strip, 0.75 - 1 mm <sup>2</sup>	dark gray	2002-172	200 (8x25)

Push-in type jumper bar, insulated,			
⑥ 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)

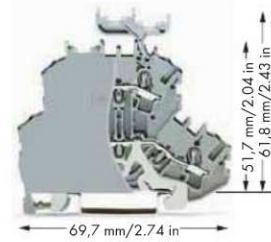
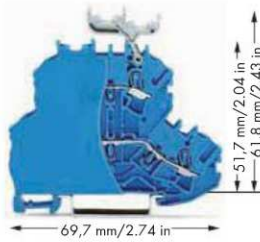
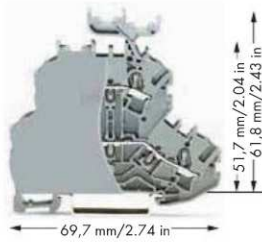
Push-in type jumper bar, insulated,			
I <sub>N</sub> 25 A, light gray	from 1 to 3	2002-433	200 (8x25)
	from 1 to 4	2002-434	200 (8x25)
	from 1 to 5	2002-435	100 (4x25)
	from 1 to 6	2002-436	100 (4x25)
	from 1 to 7	2002-437	100 (4x25)
	from 1 to 8	2002-438	100 (4x25)
	from 1 to 9	2002-439	100 (4x25)
	from 1 to 10	2002-440	100 (4x25)

Double-deck vertical jumper, insulated,			
⑥ I <sub>N</sub> 24 A, light gray		2002-492	100 (4x25)

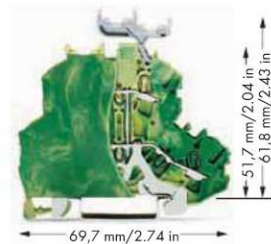
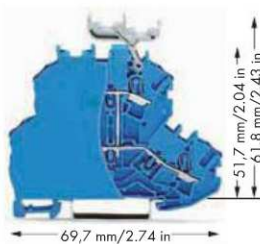
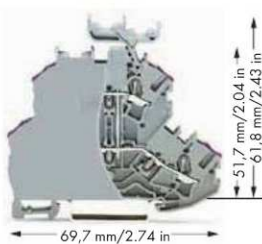
# 1 TOPJOB® Double-Deck Terminal Blocks 2.5 (4) mm<sup>2</sup> 2002 Series

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<p>0.25 - 2.5 (4) mm<sup>2</sup> ①   AWG 22 - 12 800 V/8 kV/3 ② I<sub>N</sub> 24 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 - 12 800 V/8 kV/3 ② I<sub>N</sub> 24 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 - 12 800 V/8 kV/3 ② I<sub>N</sub> 24 A</p> <p>Terminal block width 6.2 mm / 0.244 in 10 - 12 mm / 0.43 in ③</p>
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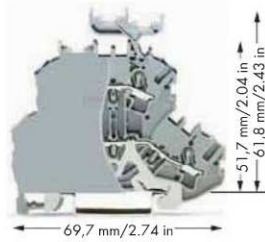
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>Through/through terminal block, with end plate, with marker carrier, gray housing</b>		<b>Through/through terminal block, with end plate, with marker carrier, blue housing</b>		<b>Ground conductor/through terminal block, with end plate, with marker carrier, gray housing</b>	
● L/L	2002-2231/099-000	50	● N/N	2002-2234/099-000 ④	50
● N/L	2002-2232/099-000	50			
● L/N	2002-2233/099-000	50			
<b>Through/through terminal block, with end plate, without marker carrier, gray housing</b>		<b>Through/through terminal block, with end plate, without marker carrier, blue housing</b>		<b>Ground conductor/through terminal block, with end plate, without marker carrier, gray housing</b>	
● L/L	2002-2201/099-000	50	● N/N	2002-2204/099-000 ④	50
● N/L	2002-2202/099-000	50			
● L/N	2002-2203/099-000	50			
<b>Other terminal blocks with the same profile:</b>					
Diode	2002-2211/1000-410	Page 124			
LED	2002-2221/1000-434	Page 124			



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>4-conductor through terminal block, with end plate, with marker carrier, internal commoning, conductor entry position colored in violet, gray housing</b>		<b>4-conductor through terminal block, with end plate, with marker carrier, internal commoning, conductor entry position colored in violet, blue housing</b>		<b>4-conductor ground terminal block, with end plate, with marker carrier, internal commoning, green-yellow housing</b>	
● L	2002-2238/099-000	50	● N	2002-2239/099-000 ④	50
<b>4-conductor through terminal block, with end plate, without marker carrier, internal commoning, conductor entry position colored in violet, gray housing</b>		<b>4-conductor through terminal block, with end plate, without marker carrier, internal commoning, conductor entry position colored in violet, blue housing</b>		<b>4-conductor ground terminal block, with end plate, without marker carrier, internal commoning, green-yellow housing</b>	
● L	2002-2208/099-000	50	● N	2002-2209/099-000 ④	50



0.25 - 2.5 (4) mm<sup>2</sup> ① AWG 22 - 12  
 800 V/8 kV/3 ②  
 I<sub>N</sub> 24 A  
 Terminal block width 6.2 mm / 0.244 in  
 10 - 12 mm / 0.43 in ③



Protective warning marker and insulation stop must be applied individually. Due to the 6.2 mm/0.244 in width of double-deck terminal blocks with end plate, 2004 Series jumpers must be used.

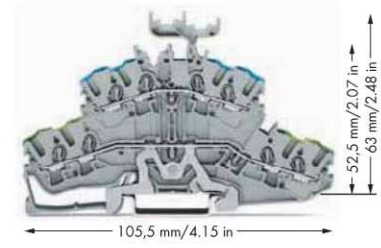
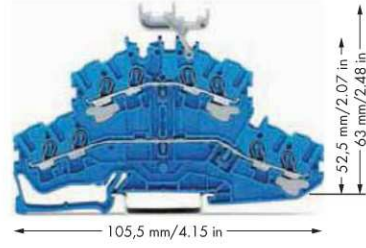
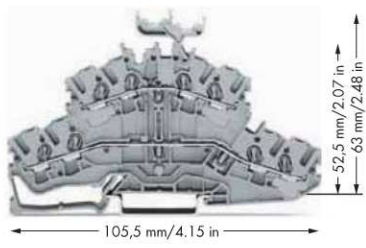
- ① Conductor sizes: 0.25 mm<sup>2</sup> - 4 mm<sup>2</sup> "s + f-st"; Push-in conductor sizes: 0.75 mm<sup>2</sup> - 4 mm<sup>2</sup> "s" and 0.75 mm<sup>2</sup> - 2.5 mm<sup>2</sup> "insulated ferrule, 12 mm"
- ② 800 V = rated voltage  
8 kV = rated surge voltage  
3 = pollution degree  
(see Section 14)
- ③ Strip length, see packaging or instructions.
- ④ Suitable for Ex i applications
- ⑤ See application notes for: Vertical jumper, page 142

Item No.	Pack. Unit	2002 Series Accessories	
Shield conductor/through terminal block, with end plate, with marker carrier, gray housing		Appropriate marking systems: WMB/Marking strips/WMB Inline (see Section 13)	
Shield/N	2002-2248/099-000	50	End and intermediate plate, 0.8 mm thick orange 2002-2292 100 (4x25) gray 2002-2291 100 (4x25)
Shield/L	2002-2258/099-000	50	
Shield conductor/through terminal block, with end plate, without marker carrier, gray housing		Test plug adapter, for test plug 4 mm Ø gray 2009-174 100 (4x25)	
Shield/N	2002-2218/099-000	50	Double-deck marker carrier, pivoting gray 2002-121 50 (2x25)
Shield/L	2002-2228/099-000	50	
Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm <sup>2</sup> light gray		2002-171	200 (8x25)
Insulation stop, 5 pcs/strip, 0.75 - 1 mm <sup>2</sup> dark gray		2002-172	200 (8x25)
Push-in type jumper bar, insulated, 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	2004-405 100 (4x25)
		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)
Push-in type jumper bar, insulated, I <sub>N</sub> 32 A, light gray		from 1 to 3	2004-433 200 (8x25)
		from 1 to 4	2004-434 200 (8x25)
		from 1 to 5	2004-435 100 (4x25)
		from 1 to 6	2004-436 100 (4x25)
		from 1 to 7	2004-437 100 (4x25)
		from 1 to 8	2004-438 100 (4x25)
		from 1 to 9	2004-439 100 (4x25)
		from 1 to 10	2004-440 100 (4x25)
Double-deck vertical jumper, insulated, I <sub>N</sub> 24 A, light gray		2002-492	100 (4x25)
Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks		2002-115	100 (4x25)
		yellow	2009-110 1
		WMB Multi marking system, 10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain 793-5501 5	
		WMB Multi marking system, plain, 10 strips with 10 markers per card, stretchable 5 - 5.2 mm yellow 793-5501/000-002 red 793-5501/000-005 blue 793-5501/000-006 gray 793-5501/000-007 orange 793-5501/000-012 light green 793-5501/000-017 green 793-5501/000-023 violet 793-5501/000-024 5	
		Marking strip, plain, 11 mm wide, 50 m roll white 2009-110 1	

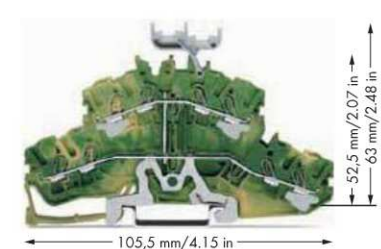
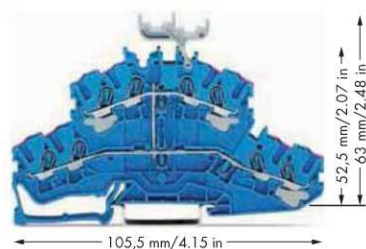
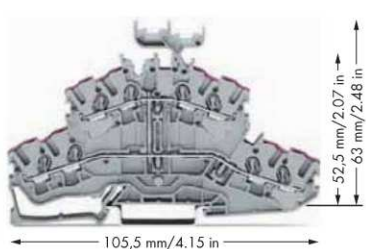


# 4-Conductor, Double-Deck Terminal Blocks 2.5 (4) mm<sup>2</sup> 2002 Series

0.25 - 2.5 (4) mm <sup>2</sup> ① 800 V/8 kV/3 ② I <sub>N</sub> 24 A (28 A)	AWG 22 - 12 600 V, 20 A ③ 600 V, 20 A ④	0.25 - 2.5 (4) mm <sup>2</sup> ① 800 V/8 kV/3 ② I <sub>N</sub> 24 A (28 A)	AWG 22 - 12 600 V, 20 A ③ 600 V, 20 A ④	0.25 - 2.5 (4) mm <sup>2</sup> ① 800 V/8 kV/3 ② I <sub>N</sub> 24 A (28 A)	AWG 22 - 12 600 V, 20 A ③ 600 V, 20 A ④
Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ③		Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ③		Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ③	



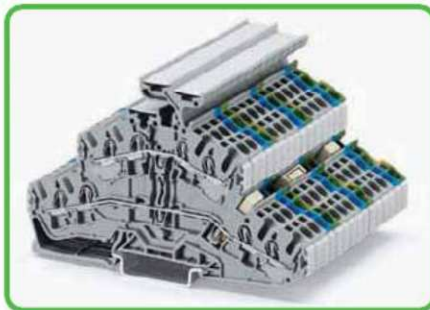
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>Through/through terminal block, with marker carrier, gray housing</b>		<b>Through/through terminal block, with marker carrier, blue housing</b>		<b>Ground conductor/through terminal block, with marker carrier, gray housing</b>	
● L/L 2002-2431	50	● N/N 2002-2434 ④	50	● PE/N 2002-2447	50
● N/L 2002-2432	50			● PE/L 2002-2457	50
● L/N 2002-2433	50				
<b>Through/through terminal block, without marker carrier, gray housing</b>		<b>Through/through terminal block, without marker carrier, blue housing</b>		<b>Ground conductor/through terminal block, without marker carrier, gray housing</b>	
● L/L 2002-2401	50	● N/N 2002-2404 ④	50	● PE/N 2002-2417	50
● N/L 2002-2402	50			● PE/L 2002-2427	50
● L/N 2002-2403	50				
Ⓢ Approvals are pending					














Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>8-conductor through terminal block, with marker carrier, internal commoning, conductor entry position colored in violet, gray housing</b>		<b>8-conductor through terminal block, with marker carrier, internal commoning, conductor entry position colored in violet, blue housing</b>		<b>8-conductor ground terminal block, with marker carrier, internal commoning, green-yellow housing</b>	
● L 2002-2438	50	● N 2002-2439 ④	50	● PE 2002-2437	50
<b>8-conductor through terminal block, without marker carrier, internal commoning, conductor entry position colored in violet, gray housing</b>		<b>8-conductor through terminal block, without marker carrier, internal commoning, conductor entry position colored in violet, blue housing</b>		<b>8-conductor ground terminal block, without marker carrier, internal commoning, green-yellow housing</b>	
● L 2002-2408	50	● N 2002-2409 ④	50	● PE 2002-2407	50

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 ferrule, 12 mm"
- ❷ 800 V = rated voltage  
8 kV = rated surge voltage  
3 = pollution degree  
(also see Section 14)
- ❸ Strip length, see packaging or instructions.
- ❹ Suitable for Ex i applications
- ❺ See application notes for:  
Colored push-in type jumper bars, page 139  
Vertical jumper, page 142



Double-deck terminal block assembly

2002 Series Accessories		Appropriate marking systems: WMB/Marking strips/WMB Inline (see Section 13)	
<b>End and intermediate plate, 0.8 mm thick</b>  orange <b>2002-2492</b> 100 (4x25) gray <b>2002-2491</b> 100 (4x25)		<b>Test plug adapter,</b> for test plug 4 mm Ø  gray <b>2009-174</b> 100 (4x25)	
<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>Insulation stop,</b> 5 pcs/strip, 0.25 - 0.5 mm <sup>2</sup>  light gray <b>2002-171</b> 200 (8x25)		<b>Testing tap,</b> for max. 2.5 mm <sup>2</sup>  gray <b>2009-182</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>Test plug,</b> with 500 mm cable, 2 mm Ø  red <b>210-136</b> 50	
❺ <b>Push-in type jumper bar, insulated,</b> 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>Test plug,</b> with 500 mm cable, 2.3 mm Ø  yellow <b>210-137</b> 50	
		<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>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> 5	
<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>WMB Inline, plain,</b> stretchable 5 - 5.2 mm, 1,500 WMB markers, 5 mm, on roll white <b>2009-115</b> 1	
❺ <b>Double-deck vertical jumper, insulated,</b> I <sub>N</sub> 24 A light gray <b>2002-492</b> 100 (4x25)		<b>Marking strip, plain,</b> 11 mm wide, 50 m roll white <b>2009-110</b> 1	
<b>Protective warning marker,</b> with high-voltage symbol, black, for 5 terminal blocks  yellow <b>2002-115</b> 100 (4x25)		<b>TOPJOB®S group marker carrier,</b> snap-on type for jumper slot, 5 mm wide  gray <b>2009-191</b> 50 (2x25)	



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

0.25 - 2.5 (4) mm<sup>2</sup> ① AWG 22 - 12  
500 V/6 kV/3 ② 300 V, 20 A ③  
I<sub>N</sub> 24 A (28 A) | 600 V, 20 A ④

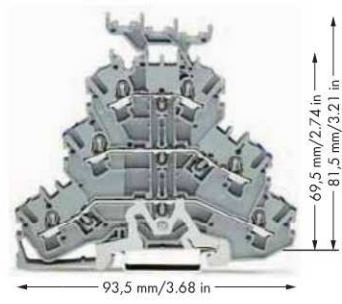
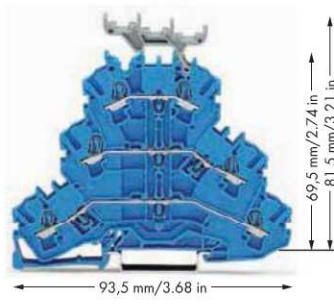
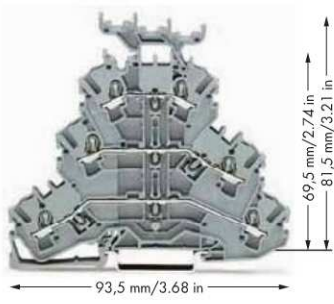
Terminal block width 5.2 mm / 0.205 in  
10 - 12 mm / 0.43 in ③

0.25 - 2.5 (4) mm<sup>2</sup> ① AWG 22 - 12  
500 V/6 kV/3 ② I<sub>N</sub> 24 A (28 A) | 600 V, 20 A ④

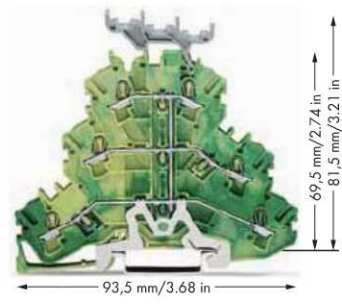
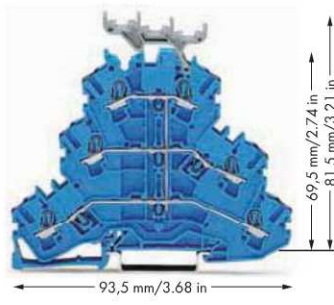
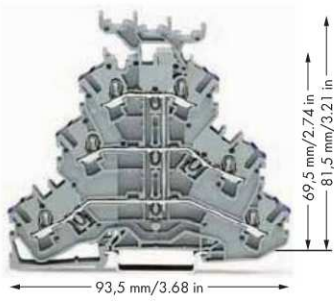
Terminal block width 5.2 mm / 0.205 in  
10 - 12 mm / 0.43 in ③

0.25 - 2.5 (4) mm<sup>2</sup> ① AWG 22 - 12  
500 V/6 kV/3 ② I<sub>N</sub> 24 A (28 A)

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



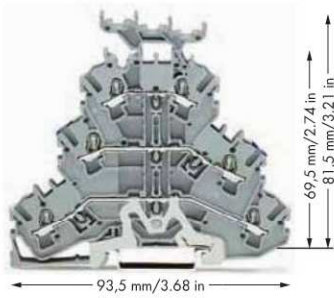
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>Through/through/through terminal block, with marker carrier, gray housing</b>		<b>Through/through/through terminal block, with marker carrier, blue housing</b>		<b>Ground conductor/through/through terminal block, with marker carrier, gray housing</b>	
L/L/L ⑤	2002-3231 ⑤ 50	N/N/N ⑤	2002-3234 ④ ⑤ 50	PE/N/L ⑤	2002-3247 ⑤ 50
L/L/N ⑤	2002-3233 ⑤ 50			PE/L/L ⑤	2002-3257 ⑤ 50
<b>Through/through/through terminal block, without marker carrier, gray housing</b>		<b>Through/through/through terminal block, without marker carrier, blue housing</b>		<b>Ground conductor/through/through terminal block, without marker carrier, gray housing</b>	
L/L/L ⑤	2002-3201 ⑤ 50	N/N/N ⑤	2002-3204 ④ ⑤ 50	PE/N/L ⑤	2002-3217 ⑤ 50
L/L/N ⑤	2002-3203 ⑤ 50			PE/L/L ⑤	2002-3227 ⑤ 50
<b>Other terminal blocks with the same profile:</b>					
Diode		2002-3211/1000-410		Page 126	
LED		2002-3221/1000-434		Page 126	



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
<b>6-conductor through terminal block, with marker carrier, internal commoning, conductor entry position colored in violet, gray housing</b>		<b>6-conductor through terminal block, with marker carrier, internal commoning, conductor entry position colored in violet, blue housing</b>		<b>6-conductor ground terminal block, with marker carrier, internal commoning, green-yellow housing</b>	
L ⑤	2002-3238 ⑤ 50	N ⑤	2002-3239 ④ ⑤ 50	PE ⑤	2002-3237 ⑤ 50
<b>6-conductor through terminal block, without marker carrier, internal commoning, conductor entry position colored in violet, gray housing</b>		<b>6-conductor through terminal block, without marker carrier, internal commoning, conductor entry position colored in violet, blue housing</b>		<b>6-conductor ground terminal block, without marker carrier, internal commoning, green-yellow housing</b>	
L ⑤	2002-3208 ⑤ 50	N ⑤	2002-3209 ④ ⑤ 50	PE ⑤	2002-3207 ⑤ 50

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

0.25 - 2.5 (4) mm <sup>2</sup> ①	AWG 22 - 12
500 V/6 kV/3 ②	300 V, 20 A ③
I <sub>N</sub> 24 A (28 A)	600 V, 20 A ④
Terminal block width 5.2 mm / 0.205 in	
⑤ 10 - 12 mm / 0.43 in ⑥	



Item No.	Pack. Unit
<b>Shield/through/through terminal block, with marker carrier, gray housing</b>	
Shield/N/L 2002-3248	50
Shield/L/L 2002-3258	50
<b>Shield/through/through terminal block, without marker carrier, gray housing</b>	
Shield/N/L 2002-3218	50
Shield/L/L 2002-3228	50




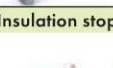








Triple-deck terminal block assembly



Combination of multilevel terminal blocks

- 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"
- ② 500 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  
440 V, 19 A  
Jumper 17 A  
(also see Section 14)
- ⑥ See application notes for:  
Colored push-in type jumper bars, page 139  
Vertical jumper, page 142

2002 Series Accessories		
Appropriate marking systems: WMB/Marking strips/WMB Inline (see Section 13)		
<b>End and intermediate plate, 0.8 mm thick</b>		
	orange	2002-3292 100 (4x25)
	gray	2002-3291 100 (4x25)
<b>Triple-deck marker carrier,</b>		
	pivoting	
	gray	2002-131 50 (2x25)
<b>Insulation stop,</b>		
	5 pcs/strip, 0.25 - 0.5 mm <sup>2</sup> light gray	2002-171 200 (8x25)
<b>Insulation stop,</b>		
	5 pcs/strip, 0.75 - 1 mm <sup>2</sup> dark gray	2002-172 200 (8x25)
<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)
<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 4	2002-434 200 (8x25)
	from 1 to 5	2002-435 100 (4x25)
	from 1 to 6	2002-436 100 (4x25)
	from 1 to 7	2002-437 100 (4x25)
	from 1 to 8	2002-438 100 (4x25)
	from 1 to 9	2002-439 100 (4x25)
	from 1 to 10	2002-440 100 (4x25)
<b>Triple-deck vertical jumper, insulated,</b>		
	I <sub>N</sub> 24 A, light gray	2002-493 100 (4x25)
<b>Double-deck vertical jumper, insulated,</b>		
	I <sub>N</sub> 24 A, light gray	2002-492 100 (4x25)