


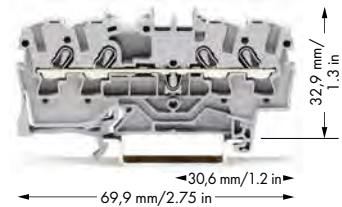
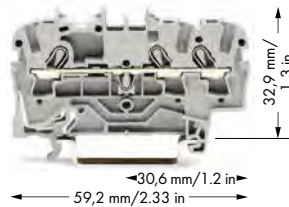
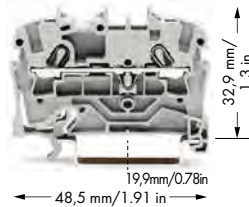


TOPJOB® S Through/Ground Conductor/Shield and Ex Terminal Blocks

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 ② I _N 24 A (32 A)	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④	0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 ② I _N 24 A (32 A)	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④	0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 ② I _N 24 A (32 A)	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④
Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch		Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch		Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch	



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor through terminal block		3-conductor through terminal block		4-conductor through terminal block	
gray ④ 2002-1201 ④ 100		gray ④ 2002-1301 ④ 100		gray ④ 2002-1401 ④ 100	
blue ④ 2002-1204 ④ 100		blue ④ 2002-1304 ④ 100		blue ④ 2002-1404 ④ 100	
orange ④ 2002-1202 ④ 100		orange ④ 2002-1302 ④ 100		orange ④ 2002-1402 ④ 100	
red ④ 2002-1203 ④ 100		red ④ 2002-1303 ④ 100		red ④ 2002-1403 ④ 100	
black ④ 2002-1205 ④ 100		black ④ 2002-1305 ④ 100		black ④ 2002-1405 ④ 100	
yellow ④ 2002-1206 ④ 100		yellow ④ 2002-1306 ④ 100		yellow ④ 2002-1406 ④ 100	
2-conductor ground terminal block		3-conductor ground terminal block		4-conductor ground terminal block	
green-yellow ④ 2002-1207 ④ 100		green-yellow ④ 2002-1307 ④ 100		green-yellow ④ 2002-1407 ④ 100	
2-conductor shield terminal block		3-conductor shield terminal block		4-conductor shield terminal block	
white 2002-1208 100		white 2002-1308 100		white 2002-1408 100	
Other terminal blocks with the same profile:		Other terminal blocks with the same profile:		Other terminal blocks with the same profile:	
Diode 2002-1211/1000-411 Page 110		Diode 2002-1311/1000-411 Page 110		Diode 2002-1411/1000-411 Page 110	
		LED 2002-1321/1000-434 Page 110		LED 2002-1421/1000-434 Page 110	
				Double-potential 2002-1441 Page 25	
Item-Specific Accessories		Item-Specific Accessories		Item-Specific Accessories	
End and intermediate plate, 0.8 mm thick		End and intermediate plate, 0.8 mm thick		End and intermediate plate, 0.8 mm thick	
orange 2002-1292 100 (4x25)		orange 2002-1392 100 (4x25)		orange 2002-1492 100 (4x25)	
gray 2002-1291 100 (4x25)		gray 2002-1391 100 (4x25)		gray 2002-1491 100 (4x25)	
Separator, oversized, 2 mm thick		Separator, oversized, 2 mm thick		Separator, oversized, 2 mm thick	
orange 2002-1294 100 (4x25)		orange 2002-1394 100 (4x25)		orange 2002-1494 100 (4x25)	
gray 2002-1293 100 (4x25)		gray 2002-1393 100 (4x25)		gray 2002-1493 100 (4x25)	
Separator for Ex e/Ex i applications, orange, 3 mm thick		Separator for Ex e/Ex i applications, orange, 3 mm thick		Separator for Ex e/Ex i applications, orange, 3 mm thick	
90 mm 209-190 50 (2x25)		120 mm 209-191 50 (2x25)		120 mm 209-191 50 (2x25)	
120 mm 209-191 50 (2x25)					

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

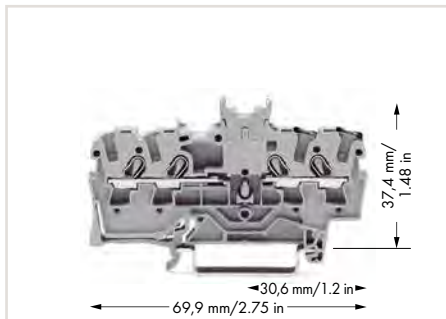
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ²	Push-in type jumper bar, insulated, I _N 25 A, light gray	Push-in type jumper bar, insulated, I _N 25 A, light gray
light gray 2002-171 200 (8x25)	2-way 2002-402 200 (8x25)	from 1 to 3 2002-433 200 (8x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ²	3-way 2002-403 200 (8x25)	from 1 to 4 2002-434 200 (8x25)
dark gray 2002-172 200 (8x25)	4-way 2002-404 200 (8x25)	from 1 to 5 2002-435 100 (4x25)
Protective warning marker, with black high-voltage symbol, for 5 terminal blocks	5-way 2002-405 100 (4x25)	from 1 to 6 2002-436 100 (4x25)
yellow 2002-115 100 (4x25)	6-way 2002-406 100 (4x25)	from 1 to 7 2002-437 100 (4x25)
	7-way 2002-407 100 (4x25)	from 1 to 8 2002-438 100 (4x25)
	8-way 2002-408 100 (4x25)	from 1 to 9 2002-439 100 (4x25)
	9-way 2002-409 100 (4x25)	from 1 to 10 2002-440 100 (4x25)
	10-way 2002-410 100 (4x25)	

TOPJOB® S

Double-Potential Terminal Blocks

2.5 (4) mm², 2002 Series

- ❶ Conductor range: 0.25 ... 4 mm² "s + fst";
Push-in termination: 0.75 ... 4 mm² "s"
and 0.75 ... 2.5 mm²
"insulated ferrule, 12 mm"
- ❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)
- ❸ Suitable for Ex i applications
- ❹ Suitable for Ex e II applications
550 V, 22 A
Jumper 20 A
(see Full Line Catalog, Volume 1, Section 14)
- ❺ See application notes for:
Separator for Ex e/Ex i applications, page 29
Colored push-in type jumper bar, page 188
Staggered jumper, page 190
Delta jumper, page 189
Star point jumper, page 189
Step-down jumper, page 33
Adjacent jumper for continuous commoning, page 191
Push-in type wire jumper, page 192
TOPJOB® S connector, page 182
TOPJOB® S L-type test plug module, page 186




















Double-potential terminal block with double marker slot centered on terminal block
gray 2002-1441
Packing unit: 100 pcs

Notice: These double potential terminal blocks cannot be commoned with push-in type jumper bars!
Double-potential terminal blocks save space. Two independent feedthrough circuits are placed in one insulated housing on one level in just 5.2 mm. This achieves a width of just 2.6 mm (0.103 inch) versus standard through terminal blocks. Input and output contacts of one circuit are placed on the same side of the terminal block. Both circuits can be individually marked according to input and output.

For technical data and accessories,
see www.wago.com


2002 Series Accessories

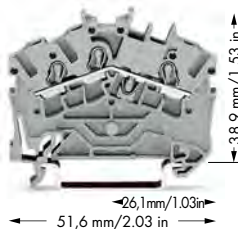
Appropriate marking systems: WMB/WMB Inline/Marking strips

 <p>Staggered jumper, insulated, I_N 25 A, light gray</p>	 <p>Push-in type wire jumper, insulated, I_N 18 A, wire size 1.5 mm²</p>																																										
<table border="1"> <tbody> <tr><td>2-way</td><td>2002-472</td><td>100 (4x25)</td></tr> <tr><td>3-way</td><td>2002-473</td><td>100 (4x25)</td></tr> <tr><td>4-way</td><td>2002-474</td><td>100 (4x25)</td></tr> <tr><td>5-way</td><td>2002-475</td><td>50 (2x25)</td></tr> <tr><td>6-way</td><td>2002-476</td><td>50 (2x25)</td></tr> <tr><td>7-way</td><td>2002-477</td><td>50 (2x25)</td></tr> <tr><td>8-way</td><td>2002-478</td><td>50 (2x25)</td></tr> <tr><td>9-way</td><td>2002-479</td><td>50 (2x25)</td></tr> <tr><td>10-way</td><td>2002-480</td><td>50 (2x25)</td></tr> <tr><td>11-way</td><td>2002-481</td><td>50 (2x25)</td></tr> <tr><td>12-way</td><td>2002-482</td><td>50 (2x25)</td></tr> </tbody> </table>	2-way	2002-472	100 (4x25)	3-way	2002-473	100 (4x25)	4-way	2002-474	100 (4x25)	5-way	2002-475	50 (2x25)	6-way	2002-476	50 (2x25)	7-way	2002-477	50 (2x25)	8-way	2002-478	50 (2x25)	9-way	2002-479	50 (2x25)	10-way	2002-480	50 (2x25)	11-way	2002-481	50 (2x25)	12-way	2002-482	50 (2x25)	<table border="1"> <tbody> <tr><td>L = 60 mm</td><td>2009-412</td><td>100 (10x10)</td></tr> <tr><td>L = 110 mm</td><td>2009-414</td><td>100 (10x10)</td></tr> <tr><td>L = 250 mm</td><td>2009-416</td><td>100 (10x10)</td></tr> </tbody> </table>	L = 60 mm	2009-412	100 (10x10)	L = 110 mm	2009-414	100 (10x10)	L = 250 mm	2009-416	100 (10x10)
2-way	2002-472	100 (4x25)																																									
3-way	2002-473	100 (4x25)																																									
4-way	2002-474	100 (4x25)																																									
5-way	2002-475	50 (2x25)																																									
6-way	2002-476	50 (2x25)																																									
7-way	2002-477	50 (2x25)																																									
8-way	2002-478	50 (2x25)																																									
9-way	2002-479	50 (2x25)																																									
10-way	2002-480	50 (2x25)																																									
11-way	2002-481	50 (2x25)																																									
12-way	2002-482	50 (2x25)																																									
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L = 110 mm	2009-414	100 (10x10)																																									
L = 250 mm	2009-416	100 (10x10)																																									
 <p>Modular TOPJOB® S connector, snaps together, for jumper contact slot</p>	<table border="1"> <tbody> <tr><td>gray</td><td>2002-511</td><td>100 (4x25)</td></tr> </tbody> </table>	gray	2002-511	100 (4x25)																																							
gray	2002-511	100 (4x25)																																									
 <p>Spacer module, snaps together, bridges commoned terminal blocks</p>	<table border="1"> <tbody> <tr><td>gray</td><td>2002-549</td><td>100 (4x25)</td></tr> </tbody> </table>	gray	2002-549	100 (4x25)																																							
gray	2002-549	100 (4x25)																																									
 <p>Customized staggered jumper, insulated, with contact lugs broken off at the factory and circuit printing, I_N 25 A, light gray</p>	 <p>End plate, for modular TOPJOB® S connector, 1.5 mm thick</p>																																										
<table border="1"> <tbody> <tr><td>1-3</td><td>2002-473/011-000</td><td>100 (4x25)</td></tr> <tr><td>1-3-5</td><td>2002-475/011-000</td><td></td></tr> <tr><td>1-3-5-7</td><td>2002-477/011-000</td><td></td></tr> <tr><td>1-3-5-7-9</td><td>2002-479/011-000</td><td></td></tr> <tr><td>1-3-5-7-9-11</td><td>2002-481/011-000</td><td></td></tr> <tr><td></td><td></td><td>50 (2x25)</td></tr> </tbody> </table>	1-3	2002-473/011-000	100 (4x25)	1-3-5	2002-475/011-000		1-3-5-7	2002-477/011-000		1-3-5-7-9	2002-479/011-000		1-3-5-7-9-11	2002-481/011-000				50 (2x25)	 <p>Test plug adapter, for 4 mm Ø test plug</p> <table border="1"> <tbody> <tr><td>gray</td><td>2009-174</td><td>100 (4x25)</td></tr> </tbody> </table>	gray	2009-174	100 (4x25)																					
1-3	2002-473/011-000	100 (4x25)																																									
1-3-5	2002-475/011-000																																										
1-3-5-7	2002-477/011-000																																										
1-3-5-7-9	2002-479/011-000																																										
1-3-5-7-9-11	2002-481/011-000																																										
		50 (2x25)																																									
gray	2009-174	100 (4x25)																																									
 <p>Delta jumper, insulated, I_N = I_N terminal block, light gray</p>	 <p>TOPJOB® S L-type test plug module, snaps together</p> <table border="1"> <tbody> <tr><td>gray</td><td>2002-611</td><td>100 (4x25)</td></tr> </tbody> </table>	gray	2002-611	100 (4x25)																																							
gray	2002-611	100 (4x25)																																									
 <p>Star point jumper, insulated, I_N = I_N terminal block, light gray</p>	 <p>TOPJOB® S L-type spacer module, snaps together, bridges commoned terminal blocks</p> <table border="1"> <tbody> <tr><td>gray</td><td>2002-649</td><td>100 (4x25)</td></tr> </tbody> </table>	gray	2002-649	100 (4x25)																																							
gray	2002-649	100 (4x25)																																									
 <p>Step-down jumper, insulated, commons 6/4 mm² (10/12 AWG) to 4/2.5/1.5 mm² (12/14/16 AWG), I_N 32 A, light gray</p>	 <p>End plate, for modular TOPJOB® S test plugs, 1.5 mm thick</p> <table border="1"> <tbody> <tr><td>gray</td><td>2002-641</td><td>100 (4x25)</td></tr> </tbody> </table>	gray	2002-641	100 (4x25)																																							
gray	2002-641	100 (4x25)																																									
 <p>Adjacent jumper for continuous commoning, insulated, I_N 25 A, light gray</p>	 <p>WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable</p> <table border="1"> <tbody> <tr><td>plain</td><td>793-5501</td><td>5</td></tr> </tbody> </table>	plain	793-5501	5																																							
plain	793-5501	5																																									
 <p>Adjacent jumper for continuous commoning, insulated, I_N 25 A, light gray</p>	 <p>WMB Inline, plain, 1,500 WMB markers (5 mm) per reel, 5 ... 5.2 mm stretchable</p> <table border="1"> <tbody> <tr><td>white</td><td>2009-115</td><td>1</td></tr> </tbody> </table>	white	2009-115	1																																							
white	2009-115	1																																									






































TOPJOB® S Through/Ground Conductor/Shield and Ex Terminal Blocks

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ①	22 ... 12 AWG
800 V/8 kV/3 ②	600 V, 20 A ③
I _N 24 A (32 A)	600 V, 20 A ④
Terminal block width 5.2 mm / 0.205 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch	



- ① Conductor range: 0.25 ... 4 mm² "s + f-st";
Push-in termination: 0.75 ... 4 mm² "s"
and 0.75 ... 2.5 mm²
"insulated ferrule, 12 mm"
- ② 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)
- ③ Suitable for Ex i applications
- ④ Suitable for Ex e II applications
550 V, 22 A
Jumper 20 A
(see Full Line Catalog, Volume 1, Section 14)
- ⑤ See application notes for:
Separator for Ex e/Ex i applications, page 29
Colored push-in type jumper bar, page 188
Adjacent jumper for continuous commoning, page 191
Delta jumper, page 189
Star point jumper, page 189
Staggered jumper, page 190
Push-in type wire jumper, page 192
TOPJOB® S connector, page 182
TOPJOB® S L-type test plug module, page 186
Marker carrier, page 217

Item No.	Pack. Unit	2002 Series Accessories	
3-conductor through terminal block		Appropriate marking systems: WMB/WMB Inline/Marking strips	
<ul style="list-style-type: none">  gray ④ 2002-6301 ④ 100  blue ④ 2002-6304 ④ ④ 100  orange ④ 2002-6302 ④ 100  red ④ 2002-6303 ④ 100  black ④ 2002-6305 ④ 100  yellow ④ 2002-6306 ④ 100 		Push-in type jumper bar, insulated, I _N 25 A, light gray	Push-in type wire jumper, insulated, wire size 1.5 mm ² , I _N 18 A
3-conductor ground terminal block		<ul style="list-style-type: none">  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) 	<ul style="list-style-type: none">  L = 60 mm 2009-412 100 (10x10) L = 110 mm 2009-414 100 (10x10) L = 250 mm 2009-416 100 (10x10)
3-conductor shield terminal block			Protective warning marker, with black high-voltage symbol, for 5 terminal blocks
<ul style="list-style-type: none">  white 2002-6308 100 			<ul style="list-style-type: none">  yellow 2002-115 100 (4x25)
2002 Series Accessories		Delta jumper, insulated, I _N = I _N terminal block, light gray	Modular TOPJOB® S connector, snaps together, for jumper contact slot
End and intermediate plate, 0.8 mm thick		<ul style="list-style-type: none">  orange 2002-6392 100 (4x25)  gray 2002-6391 100 (4x25) 	<ul style="list-style-type: none">  1-2 3-4 5-6 2002-406/020-000 100 (4x25)
Separator for Ex e/Ex i applications, 3 mm thick, orange		Star point jumper, insulated, I _N = I _N terminal block, light gray	TOPJOB® S L-type test plug module, snaps together
<ul style="list-style-type: none">  120 mm 209-191 50 (2x25) 		<ul style="list-style-type: none">  gray 1-3-5 2002-405/011-000 100 (4x25) 	<ul style="list-style-type: none">  gray 2002-611 100 (4x25)
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ²		Staggered jumper, insulated, I _N 25 A, light gray	Test plug adapter, for 4 mm Ø test plug
<ul style="list-style-type: none">  light gray 2002-171 200 (8x25) 		<ul style="list-style-type: none">  2-way 2002-472 100 (4x25) 3-way 2002-473 100 (4x25) 4-way 2002-474 100 (4x25) 5-way 2002-475 50 (2x25) 6-way 2002-476 50 (2x25) 7-way 2002-477 50 (2x25) 8-way 2002-478 50 (2x25) 9-way 2002-479 50 (2x25) 10-way 2002-480 50 (2x25) 11-way 2002-481 50 (2x25) 12-way 2002-482 50 (2x25) 	<ul style="list-style-type: none">  gray 2009-174 100 (4x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ²		Customized staggered jumper, insulated, with contact lugs broken off at the factory and circuit printing, I _N 25 A, light gray	Testing tap, for max. 2.5 mm ²
<ul style="list-style-type: none">  dark gray 2002-172 200 (8x25) 		<ul style="list-style-type: none">  1-3 2002-473/011-000 100 (4x25) 1-3-5 2002-475/011-000 50 (2x25) 	<ul style="list-style-type: none">  gray 2009-182 100 (4x25)
Push-in type jumper bar, insulated, I _N 25 A, light gray		Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray	WMB Inline, plain, 1,500 WMB markers (5 mm) per reel, 5 ... 5.2 mm stretchable
<ul style="list-style-type: none">  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) 		<ul style="list-style-type: none">  1 to 3 2002-423 100 (4x25) 	<ul style="list-style-type: none">  white 2009-115 1
Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray		Marker carrier, for jumper slots 2002 Series, 5 mm wide	WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable
<ul style="list-style-type: none">  2-way 2002-400 100 (4x25) 			<ul style="list-style-type: none">  plain 793-5501 5
			Marking strip, plain, 11 mm wide, 50 m reel
			<ul style="list-style-type: none">  white 2009-110 1
			TOPJOB® S group marker carrier, snap-on type for jumper slot, 5 mm wide
			<ul style="list-style-type: none">  gray 2009-191 50 (2x25)
			Marker carrier, for jumper slots 2002 Series, 5 mm wide
			<ul style="list-style-type: none">  gray 2002-161 100 (4x25)

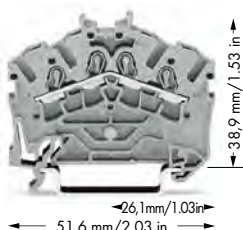
TOPJOB® S

Through/Ground Conductor and Ex Terminal Blocks

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm² ① 22 ... 12 AWG
 800 V/8 kV/3 ② 600 V, 20 A ③
 I_N 24 A (32 A) 600 V, 20 A ④

Terminal block width 5.2 mm / 0.205 inch
 10 ... 12 mm / 0.39 ... 0.47 inch



- ① Conductor range: 0.25 ... 4 mm² "s + fst";
Push-in termination: 0.75 ... 4 mm² "s"
and 0.75 ... 2.5 mm²
"insulated ferrule, 12 mm"
- ② 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)
- ③ Suitable for Ex i applications
- ④ Suitable for Ex e II applications
550 V, 22 A
Jumper 20 A
(see Full Line Catalog, Volume 1, Section 14)
- ⑤ See application notes for:
Separator for Ex e/Ex i applications, page 29

Item No.	Pack. Unit
4-conductor through terminal block	
gray ④ 2002-6401 ④	100
blue ④ 2002-6404 ③ ④	100
orange ④ 2002-6402 ④	100
red ④ 2002-6403 ④	100
black ④ 2002-6405 ④	100
yellow ④ 2002-6406 ④	100
4-conductor ground terminal block	
green-yellow ④ 2002-6407 ④	100
Notice: These terminal blocks cannot be commoned with push-in type jumper bars.	

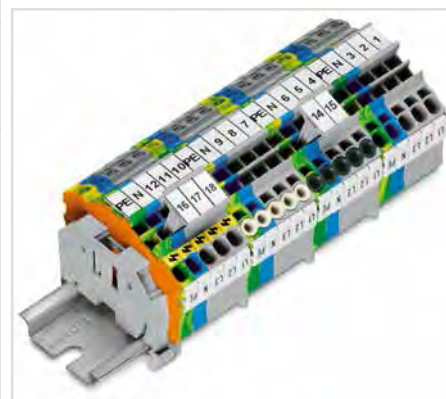


3- and 4-conductor terminal blocks (angled type)
 WAGO's TOPJOB® S Rail-Mount Terminal Blocks have a 35-degree conductor entry angle permitting a very small bend radius and an extremely short wiring distance to the cable duct. These are space- and cost-saving solutions for switchgear and control cabinet applications that use the LSC wiring system from Lütze. The design allows cable duct to be placed very close to the terminal blocks, keeping its height relatively low.

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate , 0.8 mm thick orange 2002-6392 100 (4x25) gray 2002-6391 100 (4x25)	WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable plain 793-5501 5
Separator for Ex e/Ex i applications , 3 mm thick, orange 120 mm 209-191 50 (2x25)	WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable 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
Insulation stop , 5 pcs/strip, 0.25 ... 0.5 mm ² light gray 2002-171 200 (8x25)	
Insulation stop , 5 pcs/strip, 0.75 ... 1 mm ² dark gray 2002-172 200 (8x25)	
Protective warning marker , with black high-voltage symbol, for 5 terminal blocks yellow 2002-115 100 (4x25)	Screwless end stop , for DIN-35 rail, 6 mm wide gray 249-116 100 (4x25)
WMB Inline , plain, 1,500 WMB markers (5 mm) per reel, 5 ... 5.2 mm stretchable white 2009-115 1	Screwless end stop , for DIN-35 rail, 10 mm wide gray 249-117 50 (2x25)
Marking strip , plain, 11 mm wide, 50 m reel white 2009-110 1	






Product features:

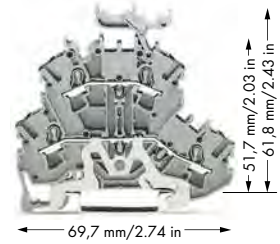
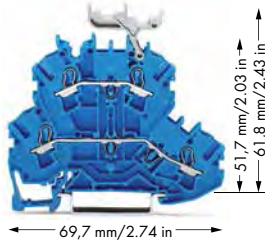
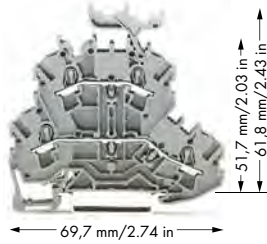
- Push-in CAGE CLAMP® connection for all conductor types, with the additional benefit of solid, stranded and fine-stranded conductors with ferrules being simply pushed in
- Vibration-proof, fast, maintenance-free
- 3-conductor through and ground conductor terminal blocks equipped with a dual jumper slot
- 4-conductor terminal blocks permit potential multiplication – no additional jumpers or terminal blocks needed
- 3- and 4-conductor terminal blocks have the same dimensions
- An end plate must be applied when changing from a 3-conductor terminal block to a 4-conductor terminal block and vice versa.

TOPJOB® S

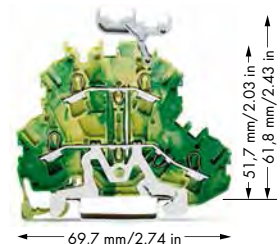
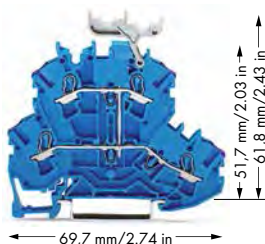
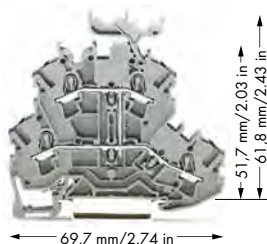
Double-Deck Terminal Blocks

2.5 (4) mm², 2002 Series


0.25 ... 2.5 (4) mm ² ① 500 V/6 kV/3 ② I _N 24 A (28 A)	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④	0.25 ... 2.5 (4) mm ² ① 500 V/6 kV/3 ② I _N 24 A (28 A)	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④	0.25 ... 2.5 (4) mm ² ① 500 V/6 kV/3 ② I _N 24 A (28 A)	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④
Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch		Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch		Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch	

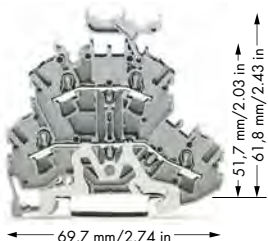


Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Double-deck terminal block, through/through terminal block, with marker carrier, gray housing		Double-deck terminal block, through/through terminal block, with marker carrier, blue housing		Double-deck terminal block, ground conductor/through terminal block, with marker carrier, gray housing	
○ L/L ⑤	2002-2231 ④ 50	● N/N ⑤	2002-2234 ③ ④ 50	○ PE/N ⑤	2002-2247 ④ 50
○ N/L ⑤	2002-2232 ④ 50			○ PE/L ⑤	2002-2257 ④ 50
○ L/N ⑤	2002-2233 ④ 50				
Double-deck terminal block, through/through terminal block, without marker carrier, gray housing		Double-deck terminal block, through/through terminal block, without marker carrier, blue housing		Double-deck terminal block, ground conductor/through terminal block, without marker carrier, gray housing	
○ L/L ⑤	2002-2201 ④ 50	● N/N ⑤	2002-2204 ③ ④ 50	○ PE/N ⑤	2002-2217 ④ 50
○ N/L ⑤	2002-2202 ④ 50			○ PE/L ⑤	2002-2227 ④ 50
○ L/N ⑤	2002-2203 ④ 50				
Other terminal blocks with the same profile:					
Diode	2002-2211/1000-410 Page 114				
LED	2002-2221/1000-434 Page 114				



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Double-deck terminal block, 4-conductor through terminal block, with marker carrier, internally commoned, violet conductor entry, gray housing		Double-deck terminal block, 4-conductor through terminal block, with marker carrier, internally commoned, violet conductor entry, blue housing		Double-deck terminal block, 4-conductor ground terminal block, with marker carrier, internally commoned, green-yellow housing	
○ L ⑤	2002-2238 ④ 50	● N ⑤	2002-2239 ③ ④ 50	● PE ⑤	2002-2237 ④ 50
Double-deck terminal block, 4-conductor through terminal block, without marker carrier, internally commoned, violet conductor entry, gray housing		Double-deck terminal block, 4-conductor through terminal block, without marker carrier, internally commoned, violet conductor entry, blue housing		Double-deck terminal block, 4-conductor ground terminal block, without marker carrier, internally commoned, green-yellow housing	
○ L ⑤	2002-2208 ④ 50	● N ⑤	2002-2209 ③ ④ 50	● PE ⑤	2002-2207 ④ 50

0.25 ... 2.5 (4) mm² ① 22 ... 12 AWG
 500 V/6 kV/3 ② 600 V, 20 A ③
 I_N 24 A (28 A) 600 V, 20 A ④
 Terminal block width 5.2 mm / 0.205 inch
 10 ... 12 mm / 0.39 ... 0.47 inch

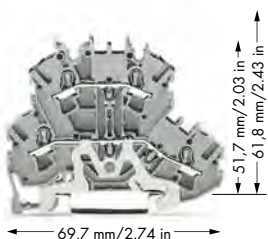


Double-deck terminal block assembly












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

Both ground and shield conductor terminal blocks have a contact foot in the bottom level, automatically establishing direct contact to the carrier rail or busbar.
 The flexible double-deck marker carrier, which is placed above the wiring level, can be pushed aside during wiring. The carrier has two staggered levels for WMB markers that perfectly line up to the terminal block decks.
 With a terminal block width of just 5.2 mm, an effective width of just 2.6 mm for terminal blocks of same or different potentials can be realized for conductors ranging 0.25 mm² ... 4 mm² (22 ... 12 AWG).
 Shielded control cables are becoming an increasingly common solution to external signal interference. Front-entry shield conductor terminal blocks are ideally suited to connect braided cables. Like front-entry ground conductor terminal blocks, they are equipped with a grounding foot for direct electrical connection to the rail, however they differ significantly by their white insulated housing. Front-entry shield conductor terminal blocks can be directly mounted beside signal-conductor terminal blocks, providing excellent deflection of interfering signals.



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




- ① Conductor range: 0.25 ... 4 mm² "s + fst"; Push-in termination: 0.75 ... 4 mm² "s" and 0.75 ... 2.5 mm² "insulated ferrule, 12 mm"
- ② 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)
- ③ Suitable for Ex i applications
- ④ Suitable for Ex e II applications
440 V, 20 A
Jumper 18 A
(see Full Line Catalog, Volume 1, Section 14)
- ⑤ See application notes for:
Colored push-in type jumper bar, page 188
Vertical jumper, page 193

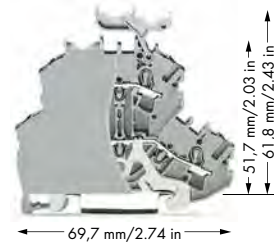
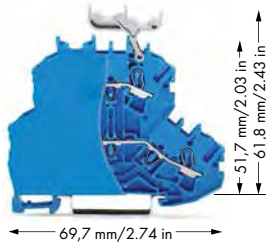
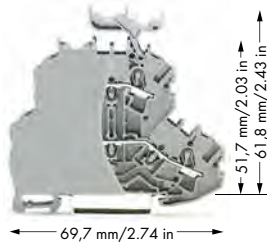
2002 Series Accessories			
Appropriate marking system			
End and intermediate plate, 0.8 mm thick			
	orange	2002-2292	100 (4x25)
	gray	2002-2291	100 (4x25)
Separator for Ex e/Ex i applications, 3 mm thick, orange			
⑤ 	125.5 mm	209-192	50 (2x25)
Double-deck marker carrier, pivoting			
	gray	2002-121	50 (2x25)
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ²			
	light gray	2002-171	200 (8x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ²			
	dark gray	2002-172	200 (8x25)
Push-in type jumper bar, insulated, I _N 25 A, light gray			
⑤ 	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 _N 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, I _N 24 A			
⑤ 	light gray	2002-492	100 (4x25)
	orange	2002-492/000-012	

TOPJOB® S

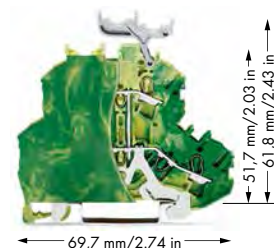
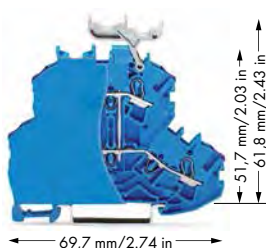
Double-Deck Terminal Blocks with End Plate, 800 V

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 ② I _N 24 A	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④	0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 ② I _N 24 A	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④	0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 ② I _N 24 A	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④
Terminal block width 6.2 mm / 0.244 inch  10 ... 12 mm / 0.39 ... 0.47 inch		Terminal block width 6.2 mm / 0.244 inch  10 ... 12 mm / 0.39 ... 0.47 inch		Terminal block width 6.2 mm / 0.244 inch  10 ... 12 mm / 0.39 ... 0.47 inch	




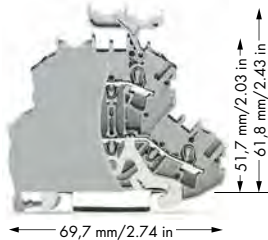
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Double-deck terminal block, through/through terminal block, with end plate, with marker carrier, gray housing		Double-deck terminal block, through/through terminal block, with end plate, with marker carrier, blue housing		Double-deck terminal block, ground conductor/through terminal block, with end plate, with marker carrier, gray housing	
○ L/L	2002-2231/099-000 50	● N/N	2002-2234/099-000 ③ 50	○ PE/N	2002-2247/099-000 50
○ N/L	2002-2232/099-000 50			○ PE/L	2002-2257/099-000 50
○ L/N	2002-2233/099-000 50				
Double-deck terminal block, through/through terminal block, with end plate, without marker carrier, gray housing		Double-deck terminal block, through/through terminal block, with end plate, without marker carrier, blue housing		Double-deck terminal block, ground conductor/through terminal block, with end plate, without marker carrier, gray housing	
○ L/L	2002-2201/099-000 50	● N/N	2002-2204/099-000 ③ 50	○ PE/N	2002-2217/099-000 50
○ N/L	2002-2202/099-000 50			○ PE/L	2002-2227/099-000 50
○ L/N	2002-2203/099-000 50				
Other terminal blocks with the same profile:					
Diode	2002-2211/1000-410 Page 114				
LED	2002-2221/1000-434 Page 114				



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Double-deck terminal block, 4-conductor through terminal block, with end plate, with marker carrier, internally commoned, violet conductor entry, gray housing		Double-deck terminal block, 4-conductor through terminal block, with end plate, with marker carrier, internally commoned, violet conductor entry, blue housing		Double-deck terminal block, 4-conductor ground terminal block, with end plate, with marker carrier, internally commoned, green-yellow housing	
○ L	2002-2238/099-000 50	● N	2002-2239/099-000 ③ 50	● PE	2002-2237/099-000 50
Double-deck terminal block, 4-conductor through terminal block, with end plate, without marker carrier, internally commoned, violet conductor entry, gray housing		Double-deck terminal block, 4-conductor through terminal block, with end plate, without marker carrier, internally commoned, violet conductor entry, blue housing		Double-deck terminal block, 4-conductor ground terminal block, with end plate, without marker carrier, internally commoned, green-yellow housing	
○ L	2002-2208/099-000 50	● N	2002-2209/099-000 ③ 50	● PE	2002-2207/099-000 50

0.25 ... 2.5 (4) mm² ① 22 ... 12 AWG
 800 V/8 kV/3 ② 600 V, 20 A ③
 I_N 24 A 600 V, 20 A ④

Terminal block width 6.2 mm / 0.244 inch
 10 ... 12 mm / 0.39 ... 0.47 inch





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

- ① Conductor range: 0.25 ... 4 mm² "s + fst"; Push-in termination: 0.75 ... 4 mm² "s" and 0.75 ... 2.5 mm² "insulated ferrule, 12 mm"
- ② 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)
- ③ Suitable for Ex i applications
- ④ See application notes for:
Vertical jumper, page 193

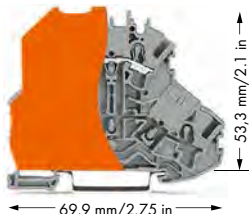
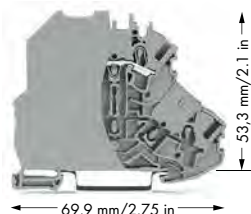
Item No.	Pack. Unit	2002 Series Accessories	
Double-deck terminal block, shield conductor/through terminal block, with end plate, with marker carrier, gray housing		Appropriate marking systems: WMB/WMB Inline/Marking strips	
○ Shield/N	2002-2248/099-000	50	
○ Shield/L	2002-2258/099-000	50	
Double-deck terminal block, shield conductor/through terminal block, with end plate, without marker carrier, gray housing		End and intermediate plate, 0.8 mm thick	
○ Shield/N	2002-2218/099-000	50	
○ Shield/L	2002-2228/099-000	50	
		orange	2002-2292 100 (4x25)
		gray	2002-2291 100 (4x25)
		Test plug adapter, for 4 mm Ø test plug	
		gray 2009-174 100 (4x25)	
		Double-deck marker carrier, pivoting	
		gray	2002-121 50 (2x25)
		Banana plug, for 4 mm socket diameter, color mixed, 10 x orange, white, black, blue, yellow	
		215-111 50	
		Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ²	
		light gray	2002-171 200 (8x25)
		WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable	
		plain 793-5501 5	
		Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ²	
		dark gray	2002-172 200 (8x25)
		WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable	
		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	
		Push-in type jumper bar, insulated, I _N 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)
		Marking strip, plain, 11 mm wide, 50 m reel	
		white	2009-110 1
		Push-in type jumper bar, insulated, I _N 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 _N 24 A	
		light gray	2002-492 100 (4x25)
		orange	2002-492/000-012
		Protective warning marker, with black high-voltage symbol, for 5 terminal blocks	
		yellow	2002-115 100 (4x25)

TOPJOB® S Double-Deck Terminal Blocks

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 22 ... 12 AWG AC/DC 1000 V/ DC 1500 V/12 kV/3 ② I _N 24 A Terminal block width 7.2 mm / 0.283 inch  10 ... 12 mm / 0.39 ... 0.47 inch	0.25 ... 2.5 (4) mm ² ① 22 ... 12 AWG AC/DC 1000 V/ DC 1500 V/12 kV/3 ② I _N 24 A Terminal block width 7.2 mm / 0.283 inch  10 ... 12 mm / 0.39 ... 0.47 inch
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Protective warning marker and insulation stop must be applied individually.














- ① Conductor range: 0.25 ... 4 mm² "s + fst";
Push-in termination: 0.75 ... 4 mm² "s"
and 0.75 ... 2.5 mm²
"insulated ferrule, 12 mm"
- ② AC/DC 1000 V = rated voltage
DC 1500 V
12 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)

Item No.	Pack. Unit	Item No.	Pack. Unit
Double-deck terminal block, contact insert only on upper deck, gray separator, oversized, gray housing		Double-deck terminal block, contact insert only on upper deck, orange separator, oversized, gray housing	
⊙ L 2002-2201/097-000 50		⊙ L 2002-2201/098-000 50	

2002 Series Accessories



Appropriate marking systems: WMB/WMB Inline/Marking strips

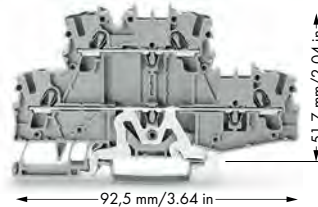
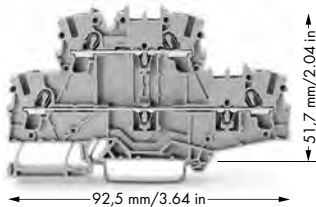
Separator, oversized upper deck, snap-on type, 2 mm thick  orange 2002-2296 100 (4x25)  gray 2002-2295 100 (4x25)	Protective warning marker, with black high-voltage symbol, for 5 terminal blocks  yellow 2002-115 100 (4x25)
Double-deck marker carrier, pivoting  gray 2002-121 50 (2x25)	Test plug adapter, for 4 mm Ø test plug  gray 2009-174 100 (4x25)
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ²  light gray 2002-171 200 (8x25)	Testing tap, for max. 2.5 mm ²  gray 2009-182 100 (4x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ²  dark gray 2002-172 200 (8x25)	WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable  plain 793-5501 50
	WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable  yellow 793-5501/000-002 5 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
	Marking strip, plain, 11 mm wide, 50 m reel  white 2009-110 5

TOPJOB® S





Double-Deck Terminal Blocks with Vertical Conductor Entries

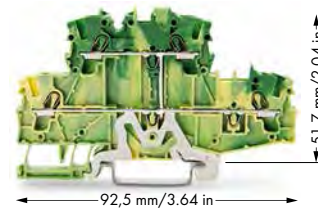
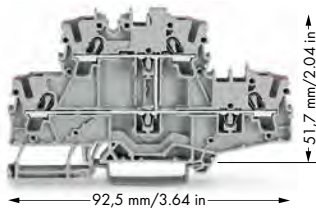
2.5 (4) mm², 2002 Series













0.25 ... 2.5 (4) mm ² ①	22 ... 12 AWG	0.25 ... 2.5 (4) mm ² ①	22 ... 12 AWG
800 V/8 kV/3 ②		800 V/8 kV/3 ②	
I _N 24 A (28 A)		I _N 24 A (28 A)	
Terminal block width 5.2 mm / 0.205 inch		Terminal block width 5.2 mm / 0.205 inch	
 10 ... 12 mm / 0.39 ... 0.47 inch		 10 ... 12 mm / 0.39 ... 0.47 inch	



- ① Conductor range: 0.25 ... 4 mm² "s + fst";
Push-in termination: 0.75 ... 4 mm² "s"
and 0.75 ... 2.5 mm²
"insulated ferrule, 12 mm"
- ② 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)
- ③ See application notes for:
Colored push-in type jumper bar, page 188
Vertical jumper, page 193
Adjacent jumper for continuous commoning, page 191

Item No.	Pack. Unit	Item No.	Pack. Unit	2002 Series Accessories				
Double-deck terminal block, through/through terminal block, with vertical conductor entry, without marker carrier, gray housing		Double-deck terminal block, ground conductor/through terminal block, with vertical conductor entry, without marker carrier, gray housing		Appropriate marking systems:				
○ L/L	2002-2701	50	○ PE/N	2002-2717	50	End and intermediate plate, 0.8 mm thick		
○ N/L	2002-2702	50	○ PE/L	2002-2727	50	 orange	2002-2792	100 (4x25)
○ L/N	2002-2703	50				 gray	2002-2791	100 (4x25)
Double-deck terminal block, through/through terminal block, with vertical conductor entry, without marker carrier, blue housing				Double-deck marker carrier, pivoting		 gray	2002-121	50 (2x25)
● N/N	2002-2704	50		Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ²		 light gray	2002-171	200 (8x25)



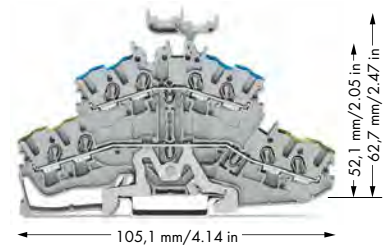
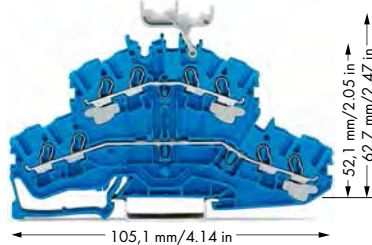
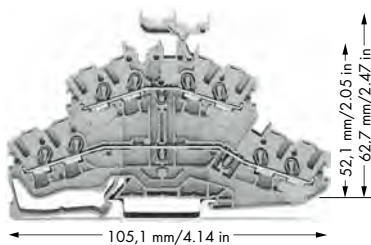
Item No.	Pack. Unit	Item No.	Pack. Unit	2002 Series Accessories				
Double-deck terminal block, 4-conductor through terminal block, with vertical conductor entry, without marker carrier, internally commoned, violet conductor entry, gray housing		Double-deck terminal block, 4-conductor ground terminal block, with vertical conductor entry, without marker carrier, internally commoned, green-yellow housing		Push-in type jumper bar, insulated, I _N 25 A, light gray				
○ L	2002-2708	50	● PE	2002-2707	50	 2-way	2002-402	200 (8x25)
Double-deck terminal block, 4-conductor through terminal block, with vertical conductor entry, without marker carrier, internally commoned, violet conductor entry, blue housing						 3-way	2002-403	200 (8x25)
● N	2002-2709	50				 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)
				Double-deck vertical jumper, insulated, I _N 24 A		 light gray	2002-492	100 (4x25)
						 orange	2002-492/000-012	
				Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray		 2-way	2002-400	100 (4x25)

TOPJOB® S

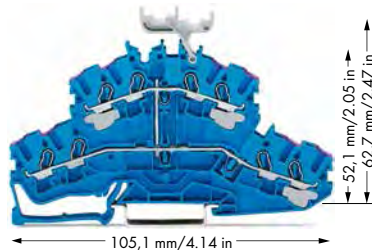
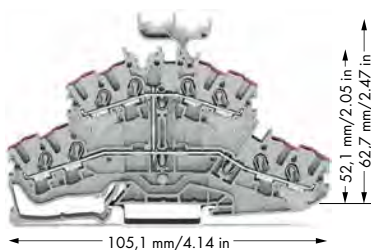
4-Conductor, Double-Deck Terminal Blocks

2.5 (4) mm², 2002 Series


0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 ② I _N 24 A (28 A)	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④	0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 ② I _N 24 A (28 A)	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④	0.25 ... 2.5 (4) mm ² ① 800 V/8 kV/3 ② I _N 24 A (28 A)	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④
Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch		Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch		Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
4-conductor, double deck terminal block, through/through terminal block, with marker carrier, gray housing		4-conductor, double deck terminal block, through/through terminal block, with marker carrier, blue housing		4-conductor, double deck terminal block, ground conductor/through terminal block, with marker carrier, gray housing	
○ L/L	2002-2431	50	● N/N	2002-2434 ③	50
○ N/L	2002-2432	50			
○ L/N	2002-2433	50			
4-conductor, double deck terminal block, through/through terminal block, without marker carrier, gray housing		4-conductor, double deck terminal block, through/through terminal block, without marker carrier, blue housing		4-conductor, double deck terminal block, ground conductor/through terminal block, without marker carrier, gray housing	
○ L/L	2002-2401	50	● N/N	2002-2404 ③	50
○ N/L	2002-2402	50			
○ L/N	2002-2403	50			
Ex Approvals are pending					

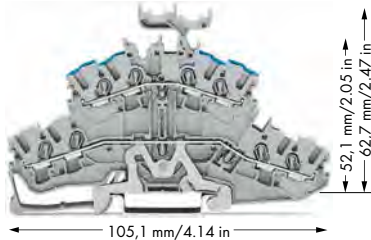


Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
4-conductor, double deck terminal block, 8-conductor through terminal block, with marker carrier, internally commoned, conductor entry position colored in violet, gray housing		4-conductor, double deck terminal block, 8-conductor through terminal block, with marker carrier, internally commoned, conductor entry position colored in violet, blue housing		4-conductor, double deck terminal block, 8-conductor ground terminal block, with marker carrier, internally commoned, green-yellow housing	
○ L	2002-2438	50	● N	2002-2439 ③	50
4-conductor, double deck terminal block, 8-conductor through terminal block, without marker carrier, internally commoned, conductor entry position colored in violet, gray housing		4-conductor, double deck terminal block, 8-conductor through terminal block, without marker carrier, internally commoned, conductor entry position colored in violet, blue housing		4-conductor, double deck terminal block, 8-conductor ground terminal block, without marker carrier, internally commoned, green-yellow housing	
○ L	2002-2408	50	● N	2002-2409 ③	50

0.25 ... 2.5 (4) mm² ① 22 ... 12 AWG
 800 V/8 kV/3 ② 600 V, 20 A ③
 I_N 24 A (28 A) 600 V, 20 A ④
 Terminal block width 5.2 mm / 0.205 inch
 10 ... 12 mm / 0.39 ... 0.47 inch



Double-deck terminal block assembly



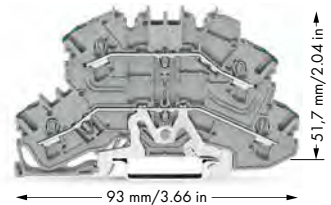
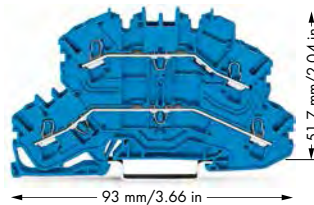
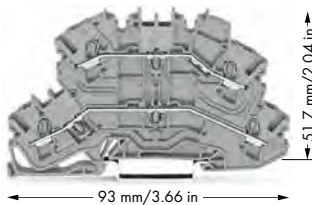
- ① Conductor range: 0.25 ... 4 mm² "s + fst";
 Push-in termination: 0.75 ... 4 mm² "s"
 and 0.75 ... 2.5 mm²
 "insulated ferrule, 12 mm"
- ② 800 V = rated voltage
 8 kV = rated surge voltage
 3 = pollution degree
 (see Full Line Catalog, Volume 1, Section 14)
- ③ Suitable for Ex i applications
- ④ See application notes for:
 Colored push-in type jumper bar, page 188
 Adjacent jumper for continuous commoning, page 191
 Vertical jumper, page 193
 Banana plug, page 235
 TOPJOB® S group marker carrier, page 217

Item No.	Pack. Unit	2002 Series Accessories	
4-conductor, double deck terminal block, shield conductor/through terminal block, with marker carrier, gray housing		Appropriate marking systems: WMB/WMB Inline/Marking strips	
○ Shield/N	2002-2448	50	End and intermediate plate, 0.8 mm thick orange 2002-2492 100 (4x25) gray 2002-2491 100 (4x25)
○ Shield/L	2002-2458	50	
4-conductor, double deck terminal block, shield conductor/through terminal block, without marker carrier, gray housing		Double-deck marker carrier, pivoting gray 2002-121 50 (2x25)	
○ Shield/N	2002-2418	50	Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ² light gray 2002-171 200 (8x25)
○ Shield/L	2002-2428	50	
		Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ² dark gray 2002-172 200 (8x25)	
		Push-in type jumper bar, insulated, I _N 25 A, light gray ④ 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 _N 25 A, light gray ④ 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)	
		Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray ④ 2-way 2002-400 100 (4x25)	
		Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray ④ 1 to 3 2002-423 100 (4x25)	
		Double-deck vertical jumper, insulated, I _N 24 A ④ light gray 2002-492 100 (4x25) orange 2002-492/000-012	
		Protective warning marker, with black high-voltage symbol, for 5 terminal blocks yellow 2002-115 100 (4x25)	
		Testing tap, for 4 mm Ø test plug gray 2009-174 100 (4x25)	
		Banana plug, for 4 mm socket diameter, color mixed, 10 x orange, white, black, blue, yellow ④ 215-111 5	
		Testing tap, for max. 2.5 mm ² gray 2009-182 100 (4x25)	
		WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable plain 793-5501	
		WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable yellow 793-5501/000-002 5 red 793-5501/000-005 blue 793-5501/000-006 gray 793-5501/000-007 orange 793-5501/000-012 1 light green 793-5501/000-017 green 793-5501/000-023 violet 793-5501/000-024 1	
		WMB Inline, plain, 1,500 WMB markers (5 mm) per reel, 5 ... 5.2 mm stretchable white 2009-115	
		Marking strip, plain, 11 mm wide, 50 m reel white 2009-110	
		TOPJOB® S group marker carrier, snap-on type for jumper slot, 5 mm wide ④ gray 2009-191 50 (2x25)	

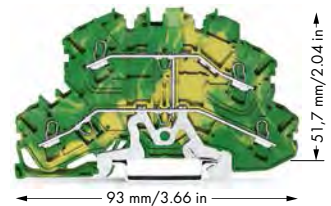
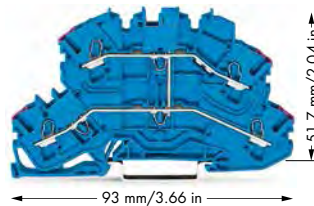
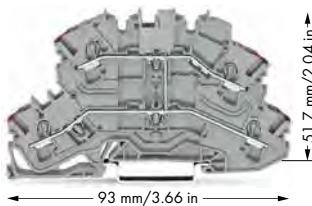
TOPJOB® S Double-Deck Terminal Blocks

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 500 V/6 kV/3 ② I _N 24 A (28 A)	22 ... 12 AWG 300 V, 20 A ③	0.25 ... 2.5 (4) mm ² ① 500 V/6 kV/3 ② I _N 24 A (28 A)	22 ... 12 AWG 300 V, 20 A ③	0.25 ... 2.5 (4) mm ² ① 500 V/6 kV/3 ② I _N 24 A (28 A)	22 ... 12 AWG 300 V, 20 A ③
Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch		Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch		Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	



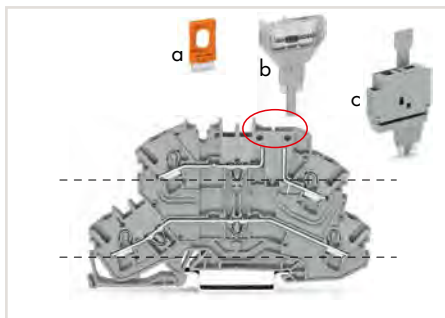
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Double-deck terminal block, through/through terminal block, same profile as double-deck disconnect terminal block, without marker carrier, gray housing		Double-deck terminal block, through/through terminal block, same profile as double-deck disconnect terminal block, without marker carrier, blue housing		Double-deck terminal block, ground conductor/through terminal block, same profile as double-deck disconnect terminal block, without marker carrier, gray housing	
○ L/L	2002-2601	50	● N/N	2002-2604 ③	50
○ N/L	2002-2602	50			
○ L/N	2002-2603	50			
Other terminal blocks with the same profile:					
Carrier	2002-2661	Page 56			
Disconnect	2002-2671	Page 56			
Fuse	2002-2611	Page 57			



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Double-deck terminal block, 4-conductor through terminal block, same profile as double-deck disconnect terminal block, without marker carrier, internally commoned, conductor entry position colored in violet, gray housing		Double-deck terminal block, 4-conductor through terminal block, same profile as double-deck disconnect terminal block, without marker carrier, internally commoned, conductor entry position colored in violet, blue housing		Double-deck terminal block, through/through terminal block, same profile as double-deck disconnect terminal block, without marker carrier, internally commoned, green-yellow housing	
○ L	2002-2608	50	● N	2002-2609 ③	50



Double-deck disconnect terminal blocks with a pivoting knife disconnect (2002-2671) can be used as through terminal blocks on the lower deck and as disconnect terminal blocks on the upper deck. Besides disconnection and measurement, double-deck carrier terminal blocks (2002-2667) also provide ground conductor functionality.



Carrier terminal blocks (2002-2661) have the same design as disconnect terminal blocks. The following components may be used:
 - Disconnect plug (a: 2002-401)
 - Pluggable diode (b: 2002-800/1000-411)
 - LED module (2002-800/1000-541, no illustration)
 - Fuse plug (c: 2004-911)

- ❶ Conductor range: 0.25 ... 4 mm² "s + f-st"; Push-in termination: 0.75 ... 4 mm² "s" and 0.75 ... 2.5 mm² "insulated ferrule, 12 mm"
- ❷ 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)
- ❸ Suitable for Ex i applications
- ❹ See application notes for:
Colored push-in type jumper bar, page 188
Vertical jumper, page 193
Adjacent jumper for continuous commoning, page 191



Double-deck fuse disconnect terminal blocks with a pivoting fuse holder (2002-2611, gray) are compatible with disconnect, carrier, through and ground conductor terminal blocks. The fuse holder is also available with a blown fuse LED indicator. (e.g., 2002-2611/1000-541 for 12 ... 30 V).




An end plate for fuse disconnect terminal blocks (shown in 2002-1092, orange) is used for additional protection, preventing the fuse holder from being opened. The fuse cannot be replaced until disconnecting the fuse holder from the power supply.

2002 Series Accessories

Appropriate marking systems:

End and intermediate plate, 1 mm thick

	orange	2002-2692	100 (4x25)
	gray	2002-2691	100 (4x25)


Double-deck marker carrier, pivoting

	gray	2002-121	50 (2x25)
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Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm²

	light gray	2002-171	200 (8x25)
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Insulation stop, 5 pcs/strip, 0.75 ... 1 mm²

	dark gray	2002-172	200 (8x25)
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Push-in type jumper bar, insulated, I_N 25 A, light gray

			
❹			
	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_N 25 A, light gray

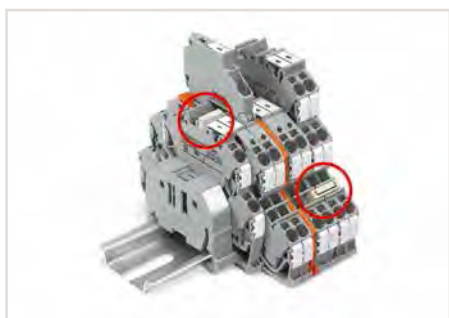
			
	from 1 to 3	2002-433	200 (8x25)
	from 1 to 4	2002-434	200 (8x25)
	from 1 to 5	2002-435	100 (4x25)
	from 1 to 6	2002-436	100 (4x25)
	from 1 to 7	2002-437	100 (4x25)
	from 1 to 8	2002-438	100 (4x25)
	from 1 to 9	2002-439	100 (4x25)
	from 1 to 10	2002-440	100 (4x25)

Double-deck vertical jumper, insulated, I_N 24 A

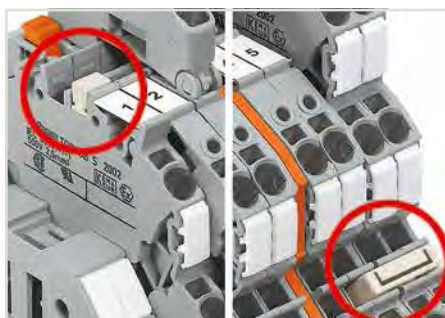
❹			
	light gray	2002-492	100 (4x25)
	orange	2002-492/000-012	

Adjacent jumper for continuous commoning, insulated, I_N 25 A, light gray

❹			
	2-way	2002-400	100 (4x25)



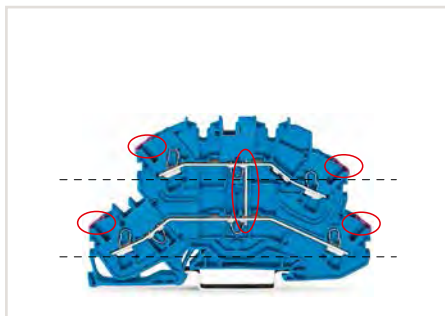
The same profile allows for commoning with TOPJOB® S double-deck terminal blocks (upper deck) and with triple-deck terminal blocks (lower deck).



Left picture - Vertical jumper (2002-492)
 Right picture - Push-in type jumper bar (2002 Series)



Through terminal blocks (2002-2601) feature two independent current bars on both lower and upper deck, sharing the same profile as disconnect terminal blocks. These terminal blocks can be commoned via double-deck vertical jumpers (2002-492).





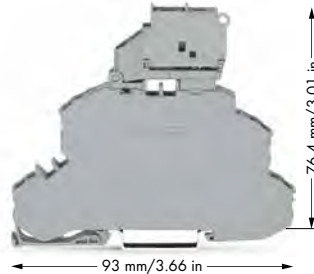
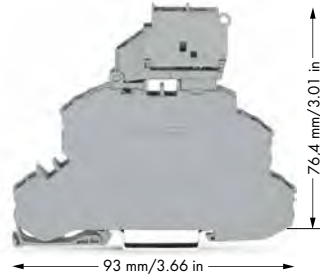
4-conductor through terminal blocks (2002-2609) with internal commoning can be immediately identified via violet conductor entry.

TOPJOB® S

Double-Deck Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder

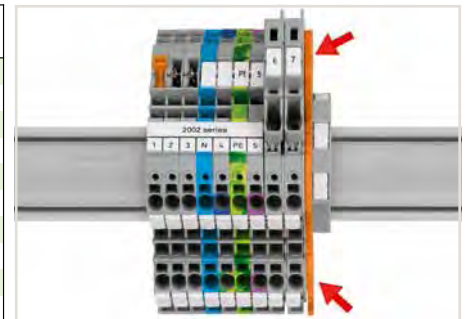
2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 250 V/6 kV/3 ② I _N 6.3 A	22 ... 12 AWG 300 V, 6.3 A ③	0.25 ... 2.5 (4) mm ² ① 250 V/6 kV/3 ② I _N 6.3 A	22 ... 12 AWG 30 V, 6.3 A ③
Terminal block width 6.2 mm / 0.244 inch  10 ... 12 mm / 0.39 ... 0.47 inch		Terminal block width 6.2 mm / 0.244 inch  10 ... 12 mm / 0.39 ... 0.47 inch	



- ① Conductor range: 0.25 ... 4 mm² "s + fst";
Push-in termination: 0.75 ... 4 mm² "s"
and 0.75 ... 2.5 mm²
"insulated ferrule, 12 mm"
- ② 250 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)
- ③ See application notes for:
Vertical jumper, page 193
- ④ Protective warning marker and insulation stop must be applied individually.
- ⑤ Due to the 6.2 mm width of fuse terminal blocks with pivoting fuse holder, 2004 Series jumpers must be used.





























Item No.	Pack. Unit	Item No.	Pack. Unit		
Double-deck fuse disconnect terminal block with a pivoting fuse holder, through/fuse terminal block, for (5 x 20) mm miniature metric fuse, without blown fuse indication, gray Electrical ratings are given by the fuse.		Double-deck fuse disconnect terminal block with a pivoting fuse holder, through/fuse terminal block, for (5 x 20) mm miniature metric fuse, with blown fuse indication by LED, gray Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA			
○ L/L	2002-2611	25	○ 12 ... 30 V	2002-2611/1000-541	25
○ N/L	2002-2612	25	○ 30 ... 65 V	2002-2611/1000-542	25
			○ 230 V	2002-2611/1000-836	25



Additionally, an end plate for fuse terminal blocks (e.g., 2002-1092, orange) must be used at the end of an assembly or if there is no adjacent fuse terminal block.

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 1 mm thick	End plate for fuse terminal blocks, 2 mm thick
 orange 2002-2692 100 (4x25)  gray 2002-2691 100 (4x25)	 orange 2002-1092 100 (4x25)  gray 2002-1091 100 (4x25)
Push-in type jumper bar, insulated, I _N 32 A, light gray ⑤	Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ² ④
 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)	 light gray 2002-171 200 (8x25)  dark gray 2002-172 200 (8x25)
Push-in type jumper bar, insulated, I _N 32 A, light gray	Protective warning marker, with black high-voltage symbol, for 5 terminal blocks ①
 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)	 red 210-136 50  yellow 210-137 50
Double-deck vertical jumper, insulated, I _N 24 A ③	Test plug, with 500 mm cable, 2 mm Ø, max. 42 V
 light gray 2002-492 100 (4x25)  orange 2002-492/000-012	 white 2009-110 1
	Marking strip, plain, 11 mm wide, 50 m reel



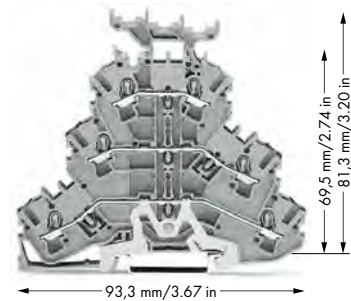
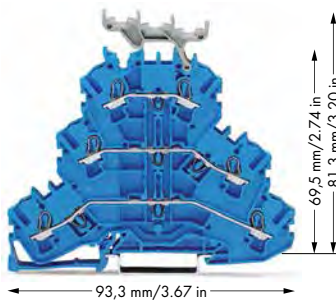
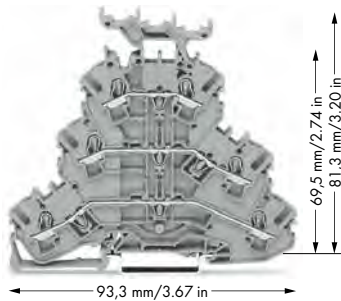
An intermediate plate is supplied with all 6.2 mm wide fuse disconnect terminal blocks. Due to the 6.2 mm width of fuse disconnect terminal blocks with a pivoting fuse holder, 2004 Series Push-In Type Jumper Bars must be used.

TOPJOB® S

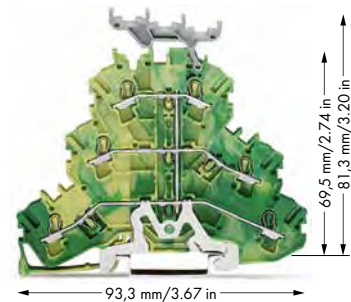
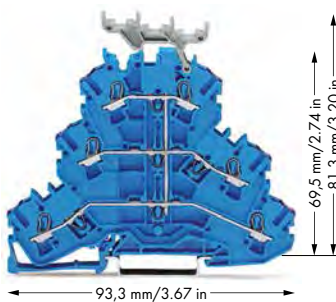
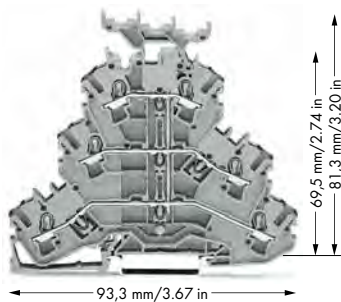
Triple-Deck Terminal Blocks

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 500 V/6 kV/3 ② I _N 24 A (28 A)	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④	0.25 ... 2.5 (4) mm ² ① 500 V/6 kV/3 ② I _N 24 A (28 A)	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④	0.25 ... 2.5 (4) mm ² ① 500 V/6 kV/3 ② I _N 24 A (28 A)	22 ... 12 AWG 600 V, 20 A ③ 600 V, 20 A ④
Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch		Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch		Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Triple-deck terminal block, through/through/through terminal block, with marker carrier, gray housing		Triple-deck terminal block, through/through/through terminal block, with marker carrier, blue housing		Triple-deck terminal block, ground conductor/through/through terminal block, with marker carrier, gray housing	
○ L/L/L ⑤	2002-3231 ④ 50	● N/N/N ⑤	2002-3234 ③ ④ 50	○ PE/N/L ⑤	2002-3247 ④ 50
○ L/L/N ⑤	2002-3233 ④ 50			○ PE/L/L ⑤	2002-3257 ④ 50
Triple-deck terminal block, through/through/through terminal block, without marker carrier, gray housing		Triple-deck terminal block, through/through/through terminal block, without marker carrier, blue housing		Triple-deck terminal block, ground conductor/through/through terminal block, without marker carrier, gray housing	
○ L/L/L ⑤	2002-3201 ④ 50	● N/N/N ⑤	2002-3204 ③ ④ 50	○ PE/N/L ⑤	2002-3217 ④ 50
○ L/L/N ⑤	2002-3203 ④ 50			○ PE/L/L ⑤	2002-3227 ④ 50
Other terminal blocks with the same profile:					
Diode	2002-3211/1000-410 Page 118				
LED	2002-3221/1000-434 Page 118				






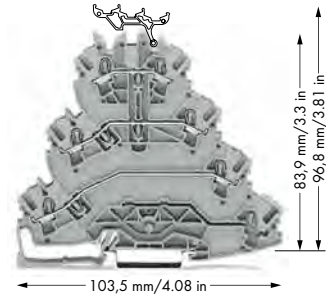
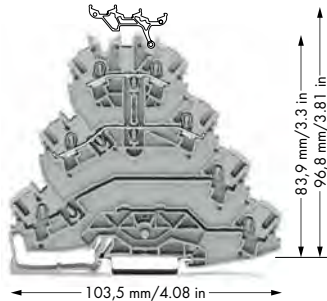
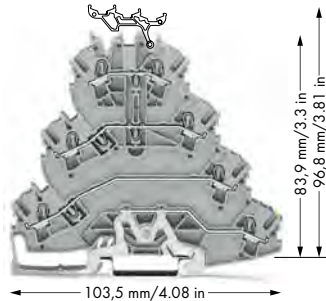
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Triple-deck terminal block, 6-conductor through terminal block, with marker carrier, internally commoned, conductor entry position colored in violet, gray housing		Triple-deck terminal block, 6-conductor through terminal block, with marker carrier, internally commoned, conductor entry position colored in violet, blue housing		Triple-deck terminal block, 6-conductor ground terminal block, with marker carrier, internally commoned, green-yellow housing	
○ L ⑤	2002-3238 ④ 50	● N ⑤	2002-3239 ③ ④ 50	● PE ⑤	2002-3237 ④ 50
Triple-deck terminal block, 6-conductor through terminal block, without marker carrier, internally commoned, conductor entry position colored in violet, gray housing		Triple-deck terminal block, 6-conductor through terminal block, without marker carrier, internally commoned, conductor entry position colored in violet, blue housing		Triple-deck terminal block, 6-conductor ground terminal block, without marker carrier, internally commoned, green-yellow housing	
○ L ⑤	2002-3208 ④ 50	● N ⑤	2002-3209 ③ ④ 50	● PE ⑤	2002-3207 50

TOPJOB® S

Quadruple-Deck, Rail-Mount Terminal Blocks for Electric Motor Wiring

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 22 ... 12 AWG 800 V/8 kV/3 ② I _N 20 A (25 A) Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch	0.25 ... 2.5 (4) mm ² ① 22 ... 12 AWG 800 V/8 kV/3 ② I _N 20 A (25 A) Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch	0.25 ... 2.5 (4) mm ² ① 22 ... 12 AWG 800 V/8 kV/3 ② I _N 20 A (25 A) Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Quadruple-deck, rail-mount terminal block, electric motor wiring rail-mount terminal block, without marker carrier, gray ○ L1 - L2 - L3 - PE 2002-4127	25	Quadruple-deck, rail-mount terminal block, electric motor wiring rail-mount terminal block, without marker carrier, gray ○ L1 - L2 2002-4111	25	Quadruple-deck, rail-mount terminal block, electric motor wiring rail-mount terminal block, without marker carrier, gray ○ L1 - L2 - L3 2002-4101	25
Quadruple-deck, rail-mount terminal block, electric motor wiring rail-mount terminal block, with marker carrier, gray ○ L1 - L2 - L3 - PE 2002-4157	25	Quadruple-deck, rail-mount terminal block, electric motor wiring rail-mount terminal block, with marker carrier, gray ○ L1 - L2 2002-4141	25	Quadruple-deck, rail-mount terminal block, electric motor wiring rail-mount terminal block, with marker carrier, gray ○ L1 - L2 - L3 2002-4131	25

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

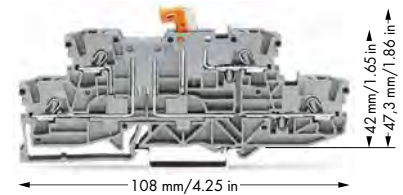
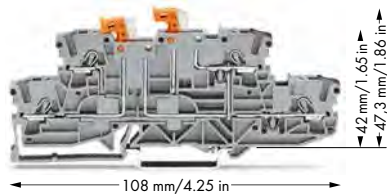
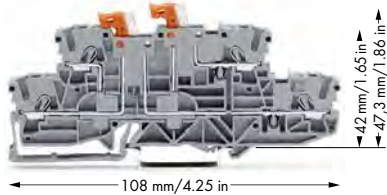
End and intermediate plate, 1 mm thick orange 2002-4192 100 (4x25) gray 2002-4191 100 (4x25)	Protective warning marker, with black high-voltage symbol, for 5 terminal blocks yellow 2002-115 100 (4x25)	Staggered jumper, insulated, I _N 25 A, light gray ③
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ² light gray 2002-171 200 (8x25)	Lockout cap, for conductor entry hole and operating slot orange 2002-192 25 gray 2002-191 25 blue 2002-194 25	2-way 2002-472 100 (4x25) 3-way 2002-473 100 (4x25) 4-way 2002-474 100 (4x25) 5-way 2002-475 50 (2x25) 6-way 2002-476 50 (2x25) 7-way 2002-477 50 (2x25) 8-way 2002-478 50 (2x25) 9-way 2002-479 50 (2x25) 10-way 2002-480 50 (2x25) 11-way 2002-481 50 (2x25) 12-way 2002-482 50 (2x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ² dark gray 2002-172 200 (8x25)	Push-in type jumper bar, insulated, I _N 25 A, light gray ③	Push-in type wire jumper, insulated, wire size 1.5 mm ² , I _N 18 A ③ L = 60 mm 2009-412 100 (10x10) L = 110 mm 2009-414 100 (10x10) L = 250 mm 2009-416 100 (10x10)
Delta jumper, insulated, I _N = I _N terminal block, light gray ③ 1-2 3-4 5-6 2002-406/020-000 100 (4x25)	Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray ③ 2-way 2002-400 100 (4x25)	WMB Inline, plain, 1,500 WMB markers (5 mm) per reel, 5 ... 5.2 mm stretchable white 2009-115 1
Star point jumper, insulated, I _N = I _N terminal block, light gray ③ gray 1-3-5 2002-405/011-000 100 (4x25)	Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray ③ 1 to 3 2002-423 100 (4x25)	Triple-deck marker carrier, pivoting gray 2002-131 50 (2x25)

TOPJOB® S

Double-Deck Disconnect Terminal Blocks for Test and Measurement

2.5 (4) mm², 2002 Series







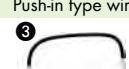





0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③ 300 V, 15 A ④	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③ 300 V, 15 A ④	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③ 300 V, 15 A ④
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Double-deck, double-disconnect terminal block, with two pivoting knife disconnects, gray housing		Double-deck, double-disconnect terminal block, with two pivoting knife disconnects, lower and upper decks internally commoned on right side, violet conductor entry, gray housing		Double-deck disconnect terminal block, with pivoting knife disconnect, same profile as double-deck, double-disconnect terminal block, gray housing	
○ L/L 2002-2951 50		○ L/L 2002-2958 50		○ L/L 2002-2971 50	
○ N/L 2002-2952 50				○ N/L 2002-2972 50	
Double-deck, double-disconnect terminal block, with two pivoting knife disconnects, blue housing		Double-deck, double-disconnect terminal block, with two pivoting knife disconnects, lower and upper decks internally commoned on right side, violet conductor entry, blue housing		Double-deck disconnect terminal block, with pivoting knife disconnect, same profile as double-deck, double-disconnect terminal block, blue housing	
● N/N 2002-2954 50		● N/N 2002-2959 50		● N/N 2002-2974 50	

2002 Series Accessories

Appropriate marking systems: WMB/Marking strips

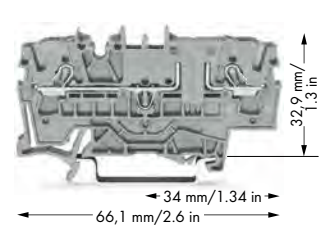
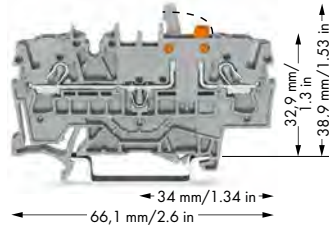
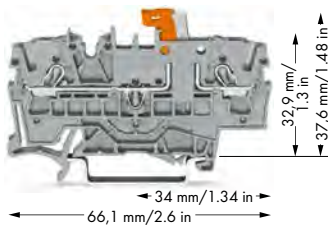
End and intermediate plate, 1 mm thick orange 2002-2992 100 (4x25) gray 2002-2991 100 (4x25)	Push-in type jumper bar, insulated, I _N 25 A, light gray  from 1 to 3 2002-433 200 (8x25) from 1 to 4 2002-434 200 (8x25) from 1 to 5 2002-435 100 (4x25) from 1 to 6 2002-436 100 (4x25) from 1 to 7 2002-437 100 (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)	Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray ③ 2-way 2002-400 100 (4x25)
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ²  light gray 2002-171 200 (8x25)		Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray ③ 1 to 3 2002-423 100 (4x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ²  dark gray 2002-172 200 (8x25)	Staggered jumper, insulated, I _N 25 A, light gray ③  2-way 2002-472 100 (4x25) 3-way 2002-473 100 (4x25) 4-way 2002-474 100 (4x25) 5-way 2002-475 50 (2x25) 6-way 2002-476 50 (2x25) 7-way 2002-477 50 (2x25) 8-way 2002-478 50 (2x25) 9-way 2002-479 50 (2x25) 10-way 2002-480 50 (2x25) 11-way 2002-481 50 (2x25) 12-way 2002-482 50 (2x25)	Modular TOPJOB® S connector, snaps together, for jumper contact slot ③ gray 2002-511 100 (4x25)
Push-in type jumper bar, insulated, I _N 25 A, light gray ③  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)		Spacer module, snaps together, bridges commoned terminal blocks  gray 2002-549 100 (4x25)
Push-in type wire jumper, insulated, wire size 1.5 mm ² , I _N 18 A ③  L = 60 mm 2009-412 100 (10x10) L = 110 mm 2009-414 100 (10x10) L = 250 mm 2009-416 100 (10x10)	Protective warning marker, with black high-voltage symbol, for 5 terminal blocks  yellow 2002-115 100 (4x25)	End plate, for modular TOPJOB® S connector, 1.5 mm thick  gray 2002-541 100 (4x25)
		Test plug adapter, for 4 mm Ø test plug  gray 2009-174 100 (4x25)
		Banana plug, for 4 mm socket diameter, color mixed, 10 x orange, white, black, blue, yellow  215-111 50
		Testing tap, for max. 2.5 mm ²  gray 2009-182 100 (4x25)

TOPJOB® S

Disconnect/Test Terminal Blocks and Through Terminal Blocks of Same Profile

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③ 300 V, 10 A ④	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③ 300 V, 10 A ④	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③ 300 V, 10 A ④
--	---	--	---	--	---



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor disconnect/test terminal block, with test point, orange disconnect link		2-conductor disconnect/test terminal block, with mechanical interlock, with test point, orange disconnect link		2-conductor through terminal block, with test point, same profile as 2-conductor disconnect terminal block	
gray 2002-1671 50		gray 2002-1671/401-000 50		gray 2002-1601 50	
blue 2002-1674 50		blue 2002-1674/401-000 50		blue 2002-1604 50	
orange 2002-1672 50		orange 2002-1672/401-000 50		orange 2002-1602 50	
Other terminal blocks with the same profile:					
		Carrier 2002-1661		Page 94	
		Fuse 2002-1681		Page 68	

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

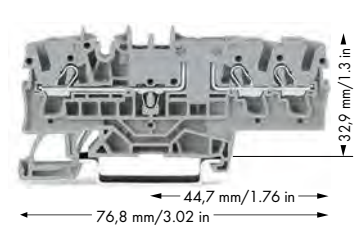
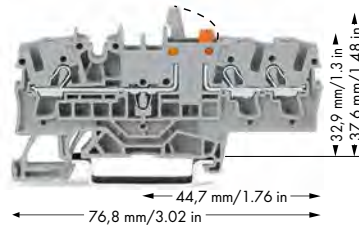
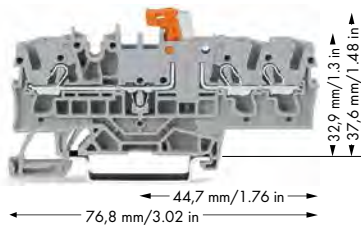
End and intermediate plate, 1 mm thick orange 2002-1692 100 (4x25) gray 2002-1691 100 (4x25)	Protective warning marker, with black high-voltage symbol, for 5 terminal blocks yellow 2002-115 100 (4x25)	Customized staggered jumper, insulated, with contact lugs broken off at the factory and circuit printing, I _N 25 A, light gray 1-3 2002-473/011-000 100 (4x25) 1-3-5 2002-475/011-000 1-3-5-7 2002-477/011-000 1-3-5-7-9 2002-479/011-000 1-3-5-7-9-11 2002-481/011-000 50 (2x25)
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ² light gray 2002-171 200 (8x25)	Push-in type jumper bar, insulated, I _N 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)	Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray 2-way 2002-400 100 (4x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ² dark gray 2002-172 200 (8x25)	Staggered jumper, insulated, I _N 25 A, light gray 2-way 2002-472 100 (4x25) 3-way 2002-473 100 (4x25) 4-way 2002-474 100 (4x25) 5-way 2002-475 50 (2x25) 6-way 2002-476 50 (2x25) 7-way 2002-477 50 (2x25) 8-way 2002-478 50 (2x25) 9-way 2002-479 50 (2x25) 10-way 2002-480 50 (2x25) 11-way 2002-481 50 (2x25) 12-way 2002-482 50 (2x25)	Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray 1 to 3 2002-423 100 (4x25)
Push-in type jumper bar, insulated, I _N 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 wire jumper, insulated, wire size 1.5 mm ² , I _N 18 A L = 60 mm 2009-412 100 (10x10) L = 110 mm 2009-414 100 (10x10) L = 250 mm 2009-416 100 (10x10)	Modular TOPJOB® S connector, snaps together, for jumper contact slot gray 2002-511 100 (4x25)
		Spacer module, snaps together, bridges commoned terminal blocks gray 2002-549 100 (4x25)
		End plate, for modular TOPJOB® S connector, 1.5 mm thick gray 2002-541 100 (4x25)

TOPJOB® S

Disconnect/Test Terminal Blocks and Through Terminal Blocks of Same Profile

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③ 300 V, 10 A ④	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③ 300 V, 10 A ④	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③ 300 V, 10 A ④
--	---	--	---	--	---



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
3-conductor disconnect/test terminal block, with test point, orange disconnect link		3-conductor disconnect/test terminal block, with mechanical interlock, with test point, orange disconnect link		3-conductor through terminal block, with test point, same profile as 3-conductor disconnect terminal block	
gray 2002-1771 50		gray 2002-1771/401-000 50		gray 2002-1701 50	
blue 2002-1774 50		blue 2002-1774/401-000 50		blue 2002-1704 50	
orange 2002-1772 50		orange 2002-1772/401-000 50		orange 2002-1702 50	
				3-conductor ground terminal block	
				green-yellow 2002-1707 50	
				Other terminal blocks with the same profile:	
				Carrier 2002-1761 Page 94	
				Fuse 2002-1781 Page 68	

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

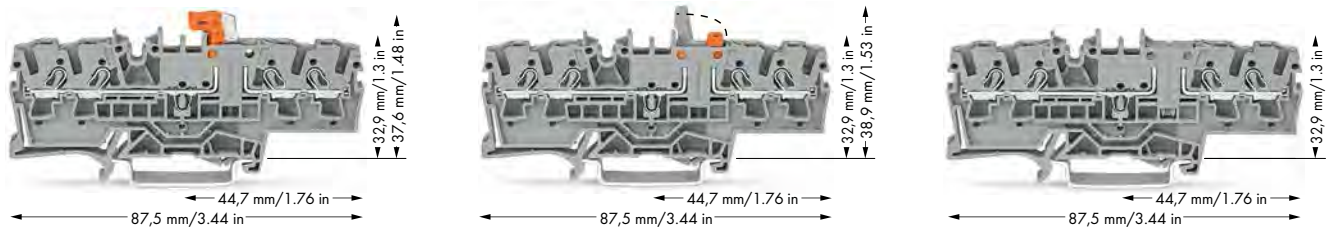
End and intermediate plate, 1 mm thick orange 2002-1792 100 (4x25) gray 2002-1791 100 (4x25)	Protective warning marker, with black high-voltage symbol, for 5 terminal blocks yellow 2002-115 100 (4x25)	Customized staggered jumper, insulated, with contact lugs broken off at the factory and circuit printing, I _N 25 A, light gray 1-3 2002-473/011-000 100 (4x25) 1-3-5 2002-475/011-000 1-3-5-7 2002-477/011-000 1-3-5-7-9 2002-479/011-000 1-3-5-7-9-11 2002-481/011-000 50 (2x25)
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ² light gray 2002-171 200 (8x25)	Push-in type jumper bar, insulated, I _N 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)	Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray 2-way 2002-400 100 (4x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ² dark gray 2002-172 200 (8x25)	Staggered jumper, insulated, I _N 25 A, light gray 2-way 2002-472 100 (4x25) 3-way 2002-473 100 (4x25) 4-way 2002-474 100 (4x25) 5-way 2002-475 50 (2x25) 6-way 2002-476 50 (2x25) 7-way 2002-477 50 (2x25) 8-way 2002-478 50 (2x25) 9-way 2002-479 50 (2x25) 10-way 2002-480 50 (2x25) 11-way 2002-481 50 (2x25) 12-way 2002-482 50 (2x25)	Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray 1 to 3 2002-423 100 (4x25)
Push-in type jumper bar, insulated, I _N 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 wire jumper, insulated, wire size 1.5 mm ² , I _N 18 A L = 60 mm 2009-412 100 (10x10) L = 110 mm 2009-414 100 (10x10) L = 250 mm 2009-416 100 (10x10)	Modular TOPJOB® S connector, snaps together, for jumper contact slot gray 2002-511 100 (4x25)
		Spacer module, snaps together, bridges commoned terminal blocks gray 2002-549 100 (4x25)
		End plate, for modular TOPJOB® S connector, 1.5 mm thick gray 2002-541 100 (4x25)

TOPJOB® S

Disconnect/Test Terminal Blocks and Through Terminal Blocks of Same Profile

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③ 300 V, 15 A ④	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③ 300 V, 15 A ④	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③ 300 V, 15 A ④
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
4-conductor disconnect/test terminal block, with test point, orange disconnect link		4-conductor disconnect/test terminal block, with mechanical interlock, with test point, orange disconnect link		4-conductor through terminal block, with test point, same profile as 4-conductor disconnect terminal block	
gray 2002-1871 50		gray 2002-1871/401-000 50		gray 2002-1801 50	
blue 2002-1874 50		blue 2002-1874/401-000 50		blue 2002-1804 50	
orange 2002-1872 50		orange 2002-1872/401-000 50		orange 2002-1802 50	
Other terminal blocks with the same profile:					
		Carrier 2002-1861		Page 94	
		Fuse 2002-1881		Page 68	

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

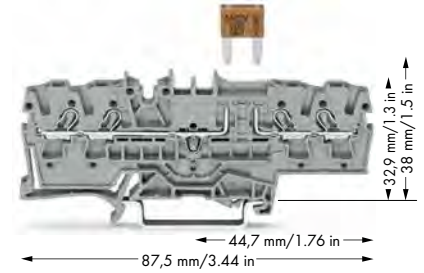
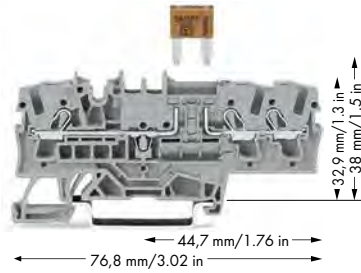
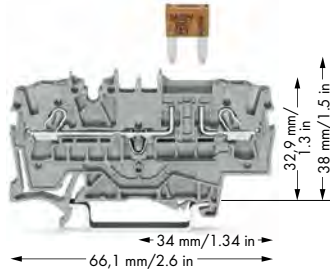
End and intermediate plate, 1 mm thick orange 2002-1892 100 (4x25) gray 2002-1891 100 (4x25)	Protective warning marker, with black high-voltage symbol, for 5 terminal blocks yellow 2002-115 100 (4x25)	Customized staggered jumper, insulated, with contact lugs broken off at the factory and circuit printing, I _N 25 A, light gray 1-3 2002-473/011-000 100 (4x25) 1-3-5 2002-475/011-000 1-3-5-7 2002-477/011-000 1-3-5-7-9 2002-479/011-000 1-3-5-7-9-11 2002-481/011-000 50 (2x25)
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ² light gray 2002-171 200 (8x25)	Push-in type jumper bar, insulated, I _N 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)	
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ² dark gray 2002-172 200 (8x25)	Staggered jumper, insulated, I _N 25 A, light gray 2-way 2002-472 100 (4x25) 3-way 2002-473 100 (4x25) 4-way 2002-474 100 (4x25) 5-way 2002-475 50 (2x25) 6-way 2002-476 50 (2x25) 7-way 2002-477 50 (2x25) 8-way 2002-478 50 (2x25) 9-way 2002-479 50 (2x25) 10-way 2002-480 50 (2x25) 11-way 2002-481 50 (2x25) 12-way 2002-482 50 (2x25)	Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray 2-way 2002-400 100 (4x25)
Push-in type jumper bar, insulated, I _N 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 100 (4x25)		Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray 1 to 3 2002-423 100 (4x25)
Push-in type wire jumper, insulated, wire size 1.5 mm ² , I _N 18 A L = 60 mm 2009-412 100 (10x10) L = 110 mm 2009-414 100 (10x10) L = 250 mm 2009-416 100 (10x10)		Modular TOPJOB® S connector, snaps together, for jumper contact slot gray 2002-511 100 (4x25)
		Spacer module, snaps together, bridges commoned terminal blocks gray 2002-549 100 (4x25)
		End plate, for modular TOPJOB® S connector, 1.5 mm thick gray 2002-541 100 (4x25)

TOPJOB® S

Fuse terminal blocks for Mini-Automotive Blade-Style Fuses

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 10 A ③ Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 10 A ④ 300 V, 10 A ⑤	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 10 A ③ Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 10 A ④ 300 V, 10 A ⑤	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 10 A ③ Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 10 A ④ 300 V, 10 A ⑤
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor fuse terminal block, with test point, for mini-automotive blade-style fuses		3-conductor fuse terminal block, with test point, for mini-automotive blade-style fuses		4-conductor fuse terminal block, with test point, for mini-automotive blade-style fuses	
○ gray	2002-1681 50	○ gray	2002-1781 50	○ gray	2002-1881 50
Blade-style fuses are not offered by WAGO		Blade-style fuses are not offered by WAGO		Blade-style fuses are not offered by WAGO	
Other terminal blocks with the same profile: Through 2002-1601 Page 62		Other terminal blocks with the same profile: Through 2002-1701 Page 64		Other terminal blocks with the same profile: Through 2002-1801 Page 66	
Item-Specific Accessories		Item-Specific Accessories		Item-Specific Accessories	
End and intermediate plate, 1 mm thick orange 2002-1692 100 (4x25) gray 2002-1691 100 (4x25)		End and intermediate plate, 1 mm thick orange 2002-1792 100 (4x25) gray 2002-1791 100 (4x25)		End and intermediate plate, 1 mm thick orange 2002-1892 100 (4x25) gray 2002-1891 100 (4x25)	

2002 Series Accessories

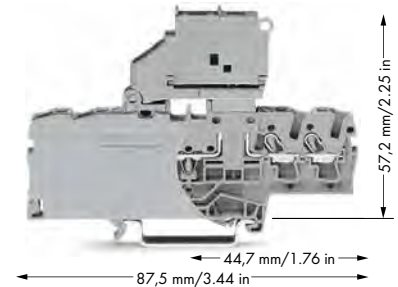
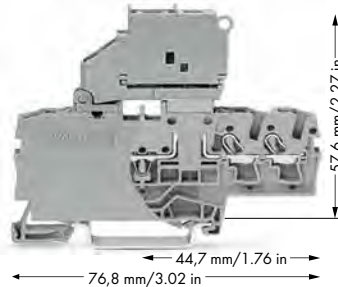
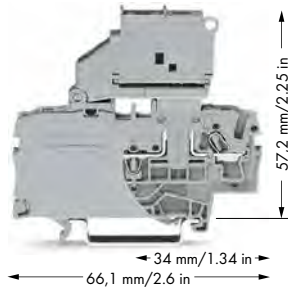
Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ² light gray 2002-171 200 (8x25)	Push-in type jumper bar, insulated, I _N 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)	Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray ④ 2-way 2002-400 100 (4x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ² dark gray 2002-172 200 (8x25)	Staggered jumper, insulated, I _N 25 A, light gray ④ 2-way 2002-472 100 (4x25) 3-way 2002-473 100 (4x25) 4-way 2002-474 100 (4x25) 5-way 2002-475 50 (2x25) 6-way 2002-476 50 (2x25) 7-way 2002-477 50 (2x25) 8-way 2002-478 50 (2x25) 9-way 2002-479 50 (2x25) 10-way 2002-480 50 (2x25) 11-way 2002-481 50 (2x25) 12-way 2002-482 50 (2x25)	Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray ④ 1 to 3 2002-423 100 (4x25)
Push-in type jumper bar, insulated, I _N 25 A, light gray ④ 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 wire jumper, insulated, wire size 1.5 mm ² , I _N 18 A ④ L = 60 mm 2009-412 100 (10x10) L = 110 mm 2009-414 100 (10x10) L = 250 mm 2009-416 100 (10x10)	
Protective warning marker, with black high-voltage symbol, for 5 terminal blocks yellow 2002-115 100 (4x25)		
Double-deck marker carrier, pivoting gray 2002-121 50 (2x25)		

TOPJOB® S – Fused Disconnect Terminal Blocks with a Pivoting Fuse Holder for (5 x 20) mm Miniature Metric Fuses

2.5 (4) mm², 2002 Series

<p>0.25 ... 2.5 (4) mm² ①</p> <p>250 V/6 kV/3 ②</p> <p>I_N 6.3 A</p> <p>Terminal block width 6.2 mm / 0.244 inch</p> <p>10 ... 12 mm / 0.39 ... 0.47 inch</p>	<p>22 ... 12 AWG</p> <p>250 V, 6.3 A ③</p> <p>250 V, 6.3 A ④</p>	<p>0.25 ... 2.5 (4) mm² ①</p> <p>250 V/6 kV/3 ②</p> <p>I_N 6.3 A</p> <p>Terminal block width 6.2 mm / 0.244 inch</p> <p>10 ... 12 mm / 0.39 ... 0.47 inch</p>	<p>22 ... 12 AWG</p> <p>250 V, 6.3 A ③</p> <p>250 V, 6.3 A ④</p>	<p>0.25 ... 2.5 (4) mm² ①</p> <p>250 V/6 kV/3 ②</p> <p>I_N 6.3 A</p> <p>Terminal block width 6.2 mm / 0.244 inch</p> <p>10 ... 12 mm / 0.39 ... 0.47 inch</p>	<p>22 ... 12 AWG</p> <p>250 V, 6.3 A ③</p> <p>250 V, 6.3 A ④</p>
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor fused disconnect terminal block with a pivoting fuse holder, for (5 x 20) mm miniature metric fuse, without blown fuse indication Electrical ratings are given by the fuse.		3-conductor fused disconnect terminal block with a pivoting fuse holder, for (5 x 20) mm miniature metric fuse, without blown fuse indication Electrical ratings are given by the fuse.		4-conductor fused disconnect terminal block with a pivoting fuse holder, for (5 x 20) mm miniature metric fuse, without blown fuse indication Electrical ratings are given by the fuse.	
gray 2002-1611 50		gray 2002-1711 50		gray 2002-1811 50	
2-conductor fused disconnect terminal block with a pivoting fuse holder, for (5 x 20) mm miniature metric fuse, with blown fuse indication by LED, gray Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA		3-conductor fused disconnect terminal block with a pivoting fuse holder, for (5 x 20) mm miniature metric fuse, with blown fuse indication by LED, gray Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA		4-conductor fused disconnect terminal block with a pivoting fuse holder, for (5 x 20) mm miniature metric fuse, with blown fuse indication by LED, gray Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA	
12 ... 30 V 2002-1611/1000-541 50		12 ... 30 V 2002-1711/1000-541 50		12 ... 30 V 2002-1811/1000-541 50	
30 ... 65 V 2002-1611/1000-542 50		30 ... 65 V 2002-1711/1000-542 50		30 ... 65 V 2002-1811/1000-542 50	
230 V 2002-1611/1000-836 50		230 V 2002-1711/1000-836 50		230 V 2002-1811/1000-836 50	
120 V 2002-1611/1000-867 50		120 V 2002-1711/1000-867 50		120 V 2002-1811/1000-867 50	
Other terminal blocks with the same profile: Through 2002-1601 Page 62		Other terminal blocks with the same profile: Through 2002-1701 Page 64		Other terminal blocks with the same profile: Through 2002-1801 Page 66	

Accessories

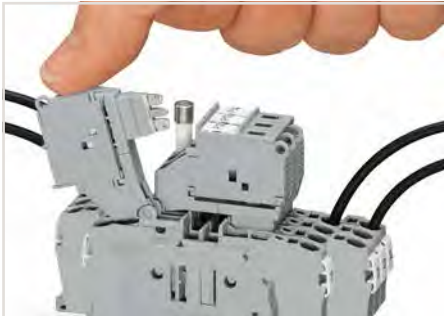
Appropriate marking systems: WMB/Marking strips

<p>End plate for fuse terminal blocks, 2 mm thick</p> <p>orange 2002-992 100 (4x25)</p> <p>gray 2002-991 100 (4x25)</p>	<p>Push-in type jumper bar, insulated, I_N 32 A, light gray</p> <p>2-way 2004-402 200 (8x25)</p> <p>3-way 2004-403 200 (8x25)</p> <p>4-way 2004-404 100 (4x25)</p> <p>5-way 2004-405 100 (4x25)</p> <p>6-way 2004-406 100 (4x25)</p> <p>7-way 2004-407 100 (4x25)</p> <p>8-way 2004-408 100 (4x25)</p> <p>9-way 2004-409 100 (4x25)</p> <p>10-way 2004-410 100 (4x25)</p>	<p>Push-in type jumper bar, insulated, I_N 32 A, light gray</p> <p>from 1 to 3 2004-433 200 (8x25)</p> <p>from 1 to 4 2004-434 200 (8x25)</p> <p>from 1 to 5 2004-435 100 (4x25)</p> <p>from 1 to 6 2004-436 100 (4x25)</p> <p>from 1 to 7 2004-437 100 (4x25)</p> <p>from 1 to 8 2004-438 100 (4x25)</p> <p>from 1 to 9 2004-439 100 (4x25)</p> <p>from 1 to 10 2004-440 100 (4x25)</p>
<p>Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm²</p> <p>light gray 2002-171 200 (8x25)</p>		
<p>Insulation stop, 5 pcs/strip, 0.75 ... 1 mm²</p> <p>dark gray 2002-172 200 (8x25)</p>		
<p>Push-in type wire jumper, insulated, wire size 1.5 mm², I_N 18 A</p> <p>L = 60 mm 2009-412 100 (10x10)</p> <p>L = 110 mm 2009-414 100 (10x10)</p> <p>L = 250 mm 2009-416 100 (10x10)</p>	<p>Protective warning marker, with black high-voltage symbol, for 5 terminal blocks</p> <p>yellow 2002-115 100 (4x25)</p>	



Fuse terminal blocks with a width of 6.2 mm 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 range: 0.25 ... 4 mm² "s + fst";
Push-in termination: 0.75 ... 4 mm² "s"
and 0.75 ... 2.5 mm²
"insulated ferrule, 12 mm"
- ❷ 250 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)
- ❸ See application notes for:
Push-in type wire jumper, page 192



Fused disconnect terminal block with a pivoting fuse holder
Pivoting the fuse holder in the locked open position.

Miniature 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				
2002-1611	1.6 W	1.6 W	2.5 W	2.5 W
2002-1811				
2002-1611/.....	1.6 W	1.6 W	2.5 W	2.5 W
2002-1811/.....				

When selecting miniature metric fuses, make sure that the maximum power loss listed above is not 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 are available from the fuse manufacturers.

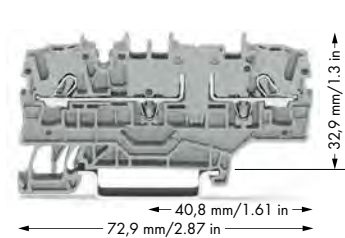
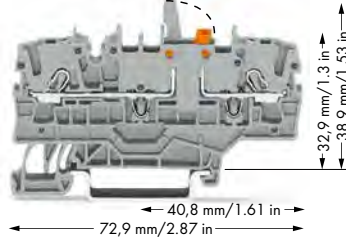
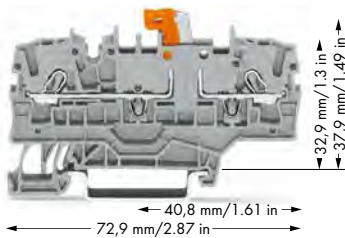


Fused disconnect terminal block with a pivoting fuse holder – replacing a fuse.

TOPJOB® S – Disconnect/Test Terminal Blocks and Through/Ground Terminal Blocks with Additional Jumper Slot

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 300 V, 15 A ③
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor disconnect/test terminal block, with test point, orange disconnect link and additional jumper slot		2-conductor disconnect/test terminal block, with mechanical interlock, with test point, orange disconnect link and additional jumper slot		2-conductor through terminal block, with test point and additional jumper slot, same profile as 2-conductor disconnect terminal block	
gray 2002-1971 50		gray 2002-1971/401-000 50		gray 2002-1901 50	
blue 2002-1974 50		orange 2002-1972/401-000 50		blue 2002-1904 50	
orange 2002-1972 50		blue 2002-1974/401-000 50		orange 2002-1902 50	
				2-conductor ground terminal block	
				green-yellow 2002-1907 50	
				Other terminal blocks with the same profile:	
				Carrier 2002-1961	Page 94
				Fuse 2002-1981	Page 75

2002 Series Accessories

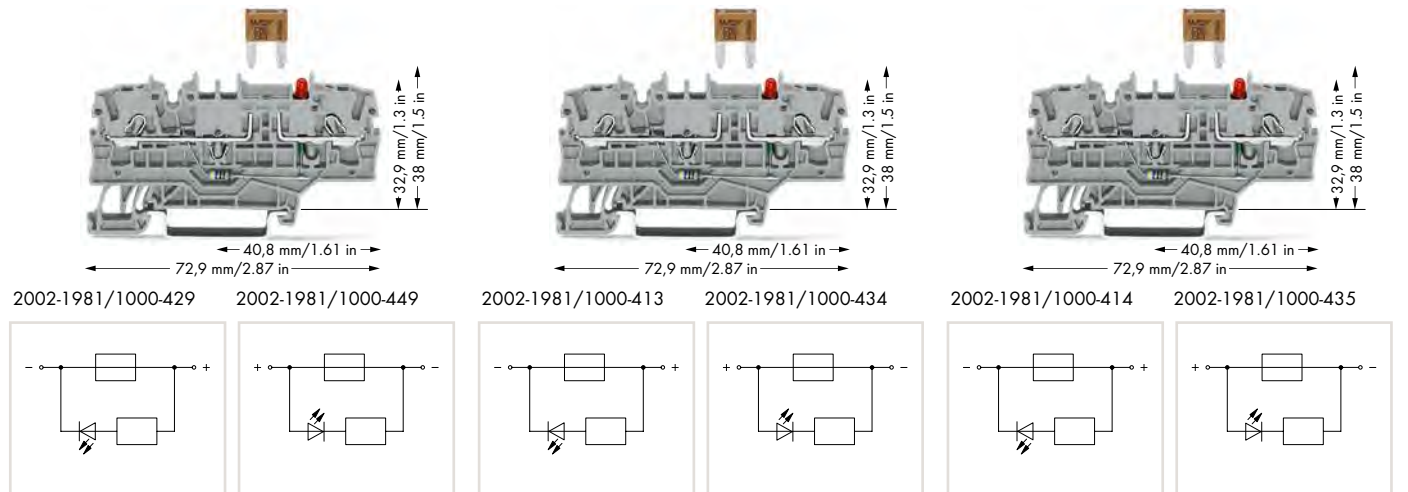
Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 1 mm thick orange 2002-1992 100 (4x25) gray 2002-1991 100 (4x25)	Protective warning marker, with black high-voltage symbol, for 5 terminal blocks yellow 2002-115 100 (4x25)	Customized staggered jumper, insulated, with contact lugs broken off at the factory and circuit printing, I _N 25 A, light gray 1-3 2002-473/011-000 100 (4x25) 1-3-5 2002-475/011-000 1-3-5-7 2002-477/011-000 1-3-5-7-9 2002-479/011-000 1-3-5-7-9-11 2002-481/011-000 50 (2x25)
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ² light gray 2002-171 200 (8x25)	Push-in type jumper bar, insulated, I _N 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)	Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray 2-way 2002-400 100 (4x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ² dark gray 2002-172 200 (8x25)	Staggered jumper, insulated, I _N 25 A, light gray 2-way 2002-472 100 (4x25) 3-way 2002-473 100 (4x25) 4-way 2002-474 100 (4x25) 5-way 2002-475 50 (2x25) 6-way 2002-476 50 (2x25) 7-way 2002-477 50 (2x25) 8-way 2002-478 50 (2x25) 9-way 2002-479 50 (2x25) 10-way 2002-480 50 (2x25) 11-way 2002-481 50 (2x25) 12-way 2002-482 50 (2x25)	Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray 1 to 3 2002-423 100 (4x25)
Push-in type jumper bar, insulated, I _N 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 wire jumper, insulated, wire size 1.5 mm ² , I _N 18 A L = 60 mm 2009-412 100 (10x10) L = 110 mm 2009-414 100 (10x10) L = 250 mm 2009-416 100 (10x10)	Modular TOPJOB® S connector, snaps together, for jumper contact slot gray 2002-511 100 (4x25)
		Spacer module, snaps together, bridges commoned terminal blocks gray 2002-549 100 (4x25)
		End plate, for modular TOPJOB® S connector, 1.5 mm thick gray 2002-541 100 (4x25)

TOPJOB® S – Fuse Terminal Blocks with Additional Jumper Slot for Mini-Automotive Blade-Style Fuses

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 10 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 12 V, 10 A ③	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 10 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 24 V, 10 A ③	0.25 ... 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 10 A Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 48 V, 10 A ③
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


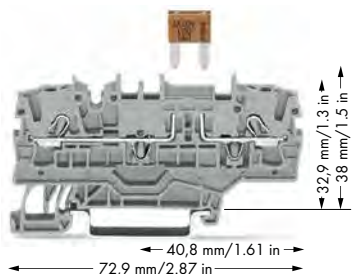
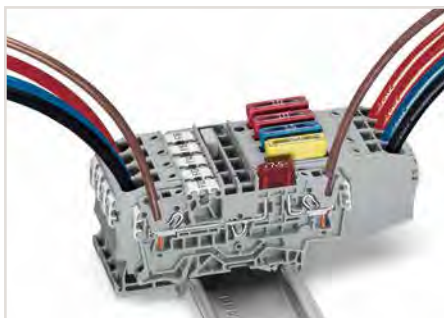
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor fuse terminal block, with test option, for mini-automotive blade-style fuses, 12 V, with blown fuse indication by LED, power consumption LED: 4.8 mA Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!		2-conductor fuse terminal block, with test option, for mini-automotive blade-style fuses, 24 V, with blown fuse indication by LED, power consumption LED: 4.8 mA Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!		2-conductor fuse terminal block, with test option, for mini-automotive blade-style fuses, 48 V, with blown fuse indication by LED, power consumption LED: 4.8 mA Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!	
○ gray	2002-1981/1000-429 50	○ gray	2002-1981/1000-413 50	○ gray	2002-1981/1000-414 50
○ gray	2002-1981/1000-449 50	○ gray	2002-1981/1000-434 50	○ gray	2002-1981/1000-435 50
Other terminal blocks with the same profile: Through 2002-1901 Page 72					

2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 1 mm thick orange 2002-1992 100 (4x25) gray 2002-1991 100 (4x25)	Protective warning marker, with black high-voltage symbol, for 5 terminal blocks yellow 2002-115 100 (4x25)	Staggered jumper, insulated, I _N 25 A, light gray ③
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ² light gray 2002-171 200 (8x25)	Push-in type wire jumper, insulated, wire size 1.5 mm ² , I _N 18 A ③ L = 60 mm 2009-412 100 (10x10) L = 110 mm 2009-414 100 (10x10) L = 250 mm 2009-416 100 (10x10)	2-way 2002-472 100 (4x25) 3-way 2002-473 100 (4x25) 4-way 2002-474 100 (4x25) 5-way 2002-475 50 (2x25) 6-way 2002-476 50 (2x25) 7-way 2002-477 50 (2x25) 8-way 2002-478 50 (2x25) 9-way 2002-479 50 (2x25) 10-way 2002-480 50 (2x25) 11-way 2002-481 50 (2x25) 12-way 2002-482 50 (2x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ² dark gray 2002-172 200 (8x25)	Push-in type jumper bar, insulated, I _N 25 A, light gray ③ 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)	Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray ③ 2-way 2002-400 100 (4x25)
Push-in type jumper bar, insulated, I _N 25 A, light gray ③ 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)		Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray ③ 1 to 3 2002-423 100 (4x25)

0.25 ... 2.5 (4) mm² ① 22 ... 12 AWG
 400 V/6 kV/3 ② 250 V, 10 A_{IN}
 I_N 10 A
 Terminal block width 5.2 mm / 0.205 inch
 10 ... 12 mm / 0.39 ... 0.47 inch







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.

Nominal current ratings for fuse cartridges are defined differently in international standards. This is why the recommended continuous current-carrying capacity of the fuses a max. 80 % of their nominal current according to DIN 72581/Part 3 (for an ambient operating temperature of 23 °C).

With regard to product safety, fuse cartridges must generally be tested both under normal and faulty operating conditions within your application.

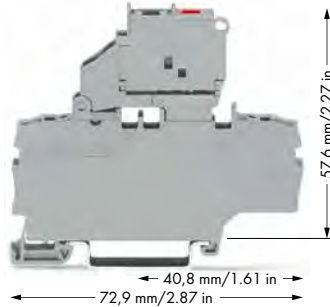
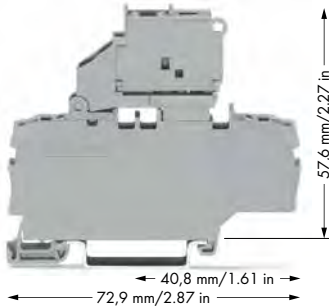
- ① Conductor range: 0.25 ... 4 mm² "s + f-st";
 Push-in termination: 0.75 ... 4 mm² "s"
 and 0.75 ... 2.5 mm²
 "insulated ferrules, 12 mm"
- ② 400 V = rated voltage
 6 kV = rated surge voltage
 3 = pollution degree
 (see Full Line Catalog, Volume 1, Section 14)
- ③ See application notes for:
 Colored push-in type jumper bar, page 188
 Push-in type wire jumper, page 192
 Staggered jumper, page 190
 Adjacent jumper for continuous commoning, page 191

Item No.	Pack. Unit
2-conductor fuse terminal block, with test option, for mini-automotive blade-style fuses, with additional jumper position, without blown fuse indication Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!	
 gray 2002-1981	50
Blade-style fuses are not offered by WAGO	
WMB Inline, plain, 1,500 WMB markers (5 mm) per reel, 5 ... 5.2 mm stretchable 	
white 2009-115	1
WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable 	
plain 793-5501	5
Double-deck marker carrier, pivoting 	
gray 2002-121	50 (2x25)

TOPJOB® S – Fused Disconnect Terminal Blocks with a Pivoting Fuse Holder for 5 x 20 mm Miniature Metric Fuses and Additional Jumper Slot

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm ² ① 250 V/6 kV/3 ② I _N 6.3 A Terminal block width 6.2 mm / 0.244 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 600 V, 6,3 A ③	0.25 ... 2.5 (4) mm ² ① 250 V/6 kV/3 ② I _N 6.3 A Terminal block width 6.2 mm / 0.244 inch 10 ... 12 mm / 0.39 ... 0.47 inch	22 ... 12 AWG 30 V, 6,3 A ③
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- ① Conductor range: 0.25 ... 4 mm² "s + f-st";
Push-in termination: 0.75 ... 4 mm² "s"
and 0.75 ... 2.5 mm²
"insulated ferrule, 12 mm"
- ② 250 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)
- ③ See application notes for:
Push-in type wire jumper, page 192

Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor fused disconnect terminal block with a pivoting fuse holder for (5 x 20) mm miniature metric fuse, with additional jumper slot, without blown fuse indication Electrical ratings are given by the fuse.		2-conductor fused disconnect terminal block with a pivoting fuse holder for (5 x 20) mm miniature metric fuse, with additional jumper slot, with blown fuse indication by LED, gray Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA	
● gray	2002-1911	50	<ul style="list-style-type: none"> ● 12 ... 30 V 2002-1911/1000-541 50 ● 30 ... 65 V 2002-1911/1000-542 50 ● 120 V 2002-1911/1000-867 50 ● 230 V 2002-1911/1000-836 50
Other terminal blocks with the same profile:			
Through	2002-1901	Page 72	


















Miniature 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				
2002-1911	1.6 W	1.6 W	2.5 W	2.5 W
2002-1911/.....	1.6 W	1.6 W	2.5 W	2.5 W

When selecting miniature metric fuses, make sure that the maximum power loss listed above is not 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 are available from the fuse manufacturers.

2002 Series Accessories

Appropriate marking systems: WMB/Marking strips




End plate for fuse terminal blocks, 2 mm thick	Push-in type jumper bar, insulated, I _N 32 A, light gray
 orange 2002-992 100 (4x25)  gray 2002-991 100 (4x25)	 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)
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ²	
 light gray 2002-171 200 (8x25)	
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ²	
 dark gray 2002-172 200 (8x25)	
Push-in type jumper bar, insulated, I _N 32 A, light gray	Push-in type wire jumper, insulated, wire size 1.5 mm ² , I _N 18 A
 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)	 L = 60 mm 2009-412 100 (10x10) L = 110 mm 2009-414 100 (10x10) L = 250 mm 2009-416 100 (10x10)
	Protective warning marker, with black high-voltage symbol, for 5 terminal blocks
	 yellow 2002-115 100 (4x25)
	Test plug, with 500 mm cable, 2 mm Ø, max. 42 V
	 red 210-136 50




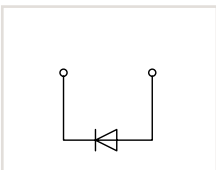
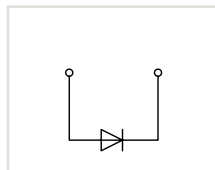
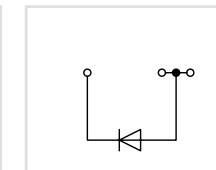
A protective warning marker and an insulation stop must be applied individually. Due to the 6.2 mm width of fuse disconnect terminal blocks with pivoting fuse holder, 2004 Series Push-In Type Jumper Bars must be used.

TOPJOB® S



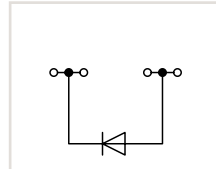
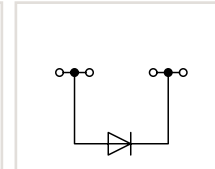
Diode Terminal Blocks and LED Terminal Blocks

2.5 (4) mm², 2002 Series

<p>0.25 ... 2.5 (4) mm² ① 22 ... 12 AWG U_N 250 V, U_{RM} 1000 V 1N4007 - 0.5 A continuous current Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch</p>	<p>0.25 ... 2.5 (4) mm² ① 22 ... 12 AWG U_N 250 V, U_{RM} 1000 V 1N4007 - 0.5 A continuous current Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch</p>	<p>0.25 ... 2.5 (4) mm² ① 22 ... 12 AWG 24 VDC I_F 0.025 A max. Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch</p>
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 <p>32,9 mm / 1.3 in 19,9 mm / 0.78 in 48,5 mm / 1.91 in</p>	 <p>32,9 mm / 1.3 in 30,6 mm / 1.2 in 59,2 mm / 2.33 in</p>	 <p>32,9 mm / 1.3 in 30,6 mm / 1.2 in 59,2 mm / 2.33 in</p>
<p>2002-1211/1000-411 2002-1211/1000-410</p>	<p>2002-1311/1000-411 2002-1311/1000-410</p>	<p>2002-1321/1000-413 2002-1321/1000-434</p>
		

Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor diode terminal block, with 1N4007 diode		3-conductor diode terminal block, with 1N4007 diode		3-conductor LED terminal block, with red LED Notice: This LED terminal block cannot be commoned with push-in type jumper bars!	
● gray	2002-1211/1000-411 100	● gray	2002-1311/1000-411 100	● gray	2002-1321/1000-413 100
● gray	2002-1211/1000-410 100	● gray	2002-1311/1000-410 100	● gray	2002-1321/1000-434 100

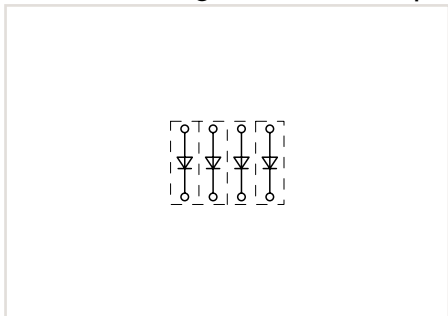
 <p>32,9 mm / 1.3 in 30,6 mm / 1.2 in 69,9 mm / 2.75 in</p>	 <p>32,9 mm / 1.3 in 30,6 mm / 1.2 in 69,9 mm / 2.75 in</p>
<p>2002-1411/1000-411 2002-1411/1000-410</p>	<p>2002-1421/1000-413 2002-1421/1000-434</p>
	

Item No.	Pack. Unit	Item No.	Pack. Unit
Through terminal blocks with same profile, see page 24		4-conductor LED terminal block, with red LED Notice: This LED terminal block cannot be commoned with push-in type jumper bars!	
● gray	2002-1411/1000-411 100	● gray	2002-1421/1000-413 100
● gray	2002-1411/1000-410 100	● gray	2002-1421/1000-434 100

TOPJOB® S

Diode Terminal Blocks and LED Terminal Blocks

Circuit Configuration Examples

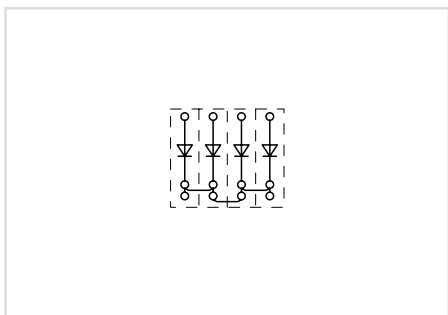


Open diode gates can be created using the following terminal blocks:
2002-1211/1000-410 or 2002-1211/1000-411

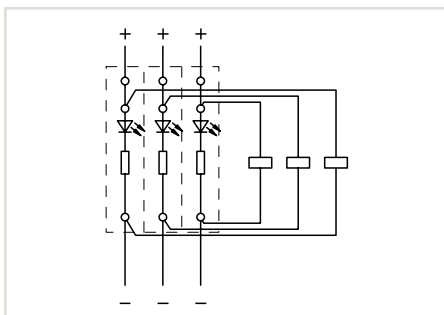


Designing monitoring units via LED terminal blocks (e.g., for control and operating circuits).

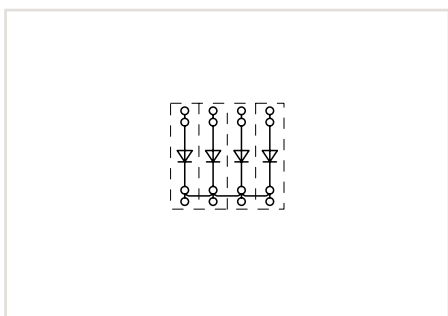
- ① Conductor range: 0.25 ... 4 mm² "s + f-st";
Push-in termination: 0.75 ... 4 mm² "s"
and 0.75 ... 2.5 mm²
"insulated ferrules, 12 mm"



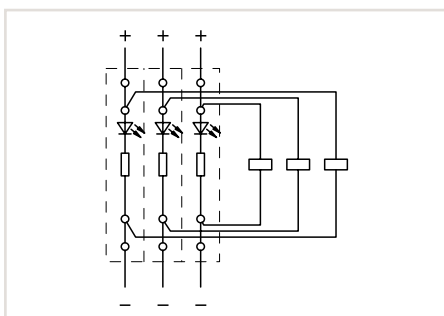
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2002-1311/1000-410 or 2002-1311/1000-411



Circuit-related voltage indications can be created using the following terminal blocks:
2002-1321/1000-434 or 2002-1321/1000-413



Polarized diode gates with a common cathode can be created using the following terminal blocks:
2002-1411/1000-410 or 2002-1411/1000-411



Circuit-related voltage indications can be created using the following terminal blocks:
2002-1421/1000-434 or 2002-1421/1000-413

2002 Series Accessories




Appropriate marking system

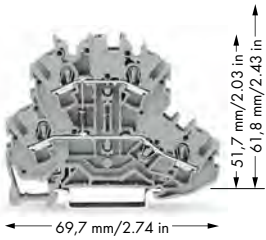
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ²			
	light gray	2002-171	200 (8x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ²			
	dark gray	2002-172	200 (8x25)
Push-in type jumper bar, insulated, I _N 25 A, light gray			
	2-way	2002-402	200 (8x25)
	3-way	2002-403	200 (8x25)
	4-way	2002-404	200 (8x25)
	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 _N 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)

TOPJOB® S

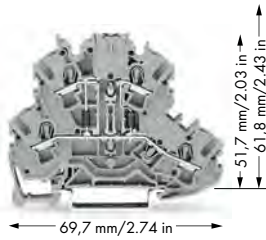
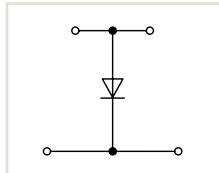
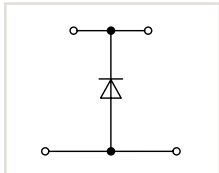
Double-Deck Diode Terminal Blocks and LED Terminal Blocks

2.5 (4) mm², 2002 Series

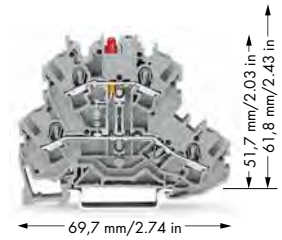
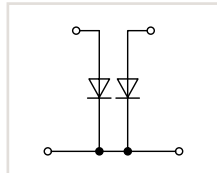
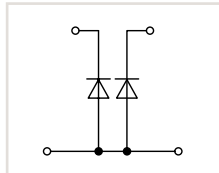
<p>0.25 ... 2.5 (4) mm² ① 22 ... 12 AWG U_N 250 V, U_{RM} 1000 V 1N4007 - 0.5 A continuous current Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch</p>	<p>0.25 ... 2.5 (4) mm² ① 22 ... 12 AWG U_N 250 V, U_{RM} 1000 V 1N4007 - 0.5 A continuous current Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch</p>	<p>0.25 ... 2.5 (4) mm² ① 22 ... 12 AWG 24 VDC I_F 0.025 A max. Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch</p>
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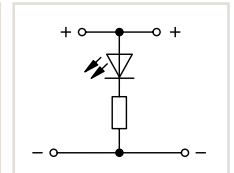
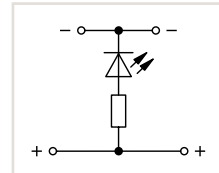
2002-2211/1000-410 2002-2211/1000-411



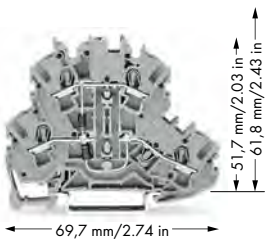
2002-2213/1000-487 2002-2213/1000-488



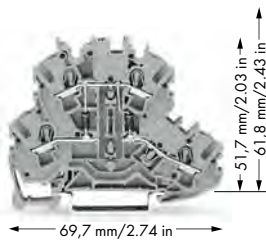
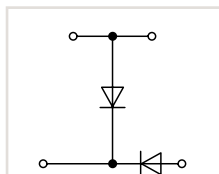
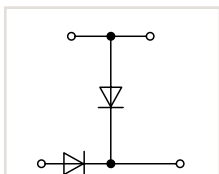
2002-2221/1000-434 2002-2221/1000-413



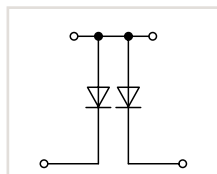
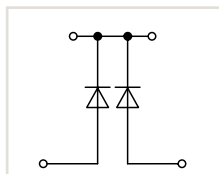
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Double-deck diode terminal block, with 1N4007 diode		Double-deck diode terminal block, with two 1N4007 diodes		Double-deck LED terminal block, with red LED	
○ gray	2002-2211/1000-410 50	○ gray	2002-2213/1000-487 50	○ gray	2002-2221/1000-434 50
● gray	2002-2211/1000-411 50	● gray	2002-2213/1000-488 50	● gray	2002-2221/1000-413 50



2002-2214/1000-492 2002-2214/1000-491



2002-2214/1000-489 2002-2214/1000-490

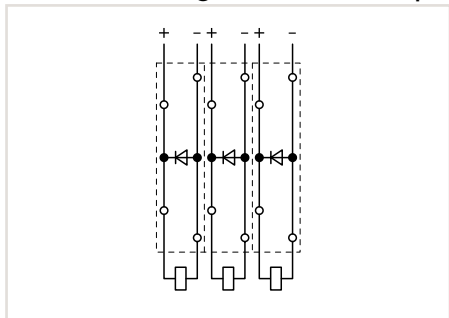


Item No.	Pack. Unit	Item No.	Pack. Unit	
Double-deck diode terminal block, with two 1N4007 diodes		Double-deck diode terminal block, with two 1N4007 diodes		Through terminal blocks with same profile, see page 38
○ gray	2002-2214/1000-492 50	○ gray	2002-2214/1000-489 50	
● gray	2002-2214/1000-491 50	● gray	2002-2214/1000-490 50	

TOPJOB® S

Double-Deck Diode Terminal Blocks and LED Terminal Blocks

Circuit Configuration Examples

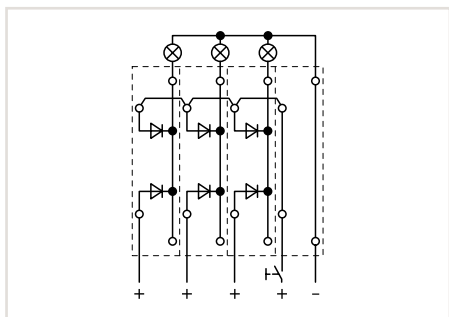


Recovery diodes can be created using the following terminal blocks:
2002-2211/1000-410 or 2002-2211/1000-411

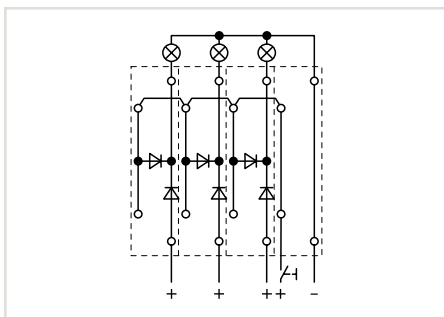


Double-deck diode terminal blocks were specifically developed for custom diode circuits, such as lamp test and collective fault signal circuits. These terminal blocks provide high-density wiring in a width of just 5.2 mm. Push-in type jumper bars provide additional options for custom circuit design.

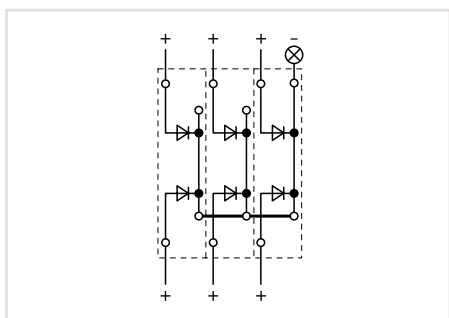
① Conductor range: 0.25 ... 4 mm² "s + f-st";
Push-in termination: 0.75 ... 4 mm² "s"
and 0.75 ... 2.5 mm²
"insulated ferrules, 12 mm"



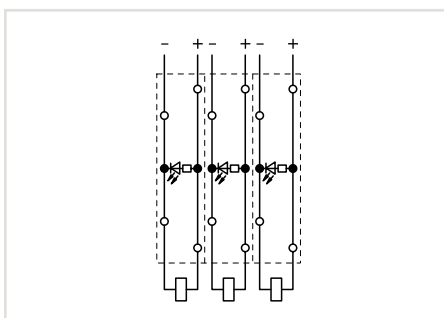
Lamp test circuits can be created using the following terminal blocks:
2002-2213/1000-487 or 2002-2213/1000-488



Lamp test circuits can be created using the following terminal blocks:
2002-2214/1000-492 or 2002-2214/1000-491






Collective fault signals can be created using the following terminal blocks:
2002-2214/1000-489 or 2002-2214/1000-490



Circuit-related voltage indications can be created using the following terminal blocks:
2002-2221/1000-434 or 2002-2221/1000-413




2002 Series Accessories

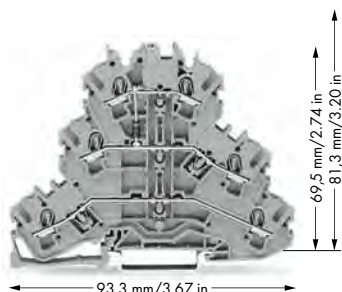
Appropriate marking system

End and intermediate plate, 0.8 mm thick			
	orange	2002-2292	100 (4x25)
	gray	2002-2291	100 (4x25)
Double-deck marker carrier, pivoting			
	gray	2002-121	50 (2x25)
	Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ²		
	light gray	2002-171	200 (8x25)
	Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ²		
	dark gray	2002-172	200 (8x25)
	Push-in type jumper bar, insulated, I _N 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 _N 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)

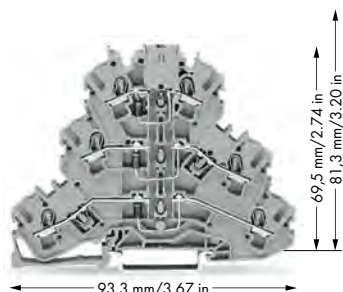
TOPJOB® S Tribe-Deck Diode Terminal Blocks and LED Terminal Blocks

2.5 (4) mm², 2002 Series

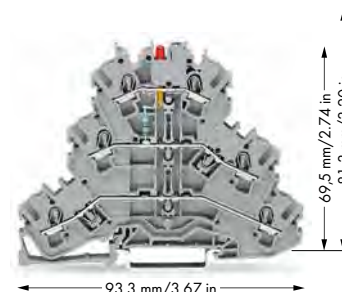
0.25 ... 2.5 (4) mm ² ① 22 ... 12 AWG U _N 250 V, U _{RM} 1000 V 1N4007 - 0.5 A continuous current Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch	0.25 ... 2.5 (4) mm ² ① 22 ... 12 AWG U _N 250 V, U _{RM} 1000 V 1N4007 - 0.5 A continuous current Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch	0.25 ... 2.5 (4) mm ² ① 22 ... 12 AWG 24 VDC I _F 0.025 A max. Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch
---	--	--



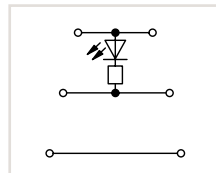
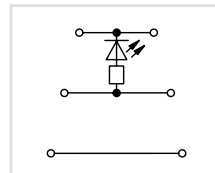
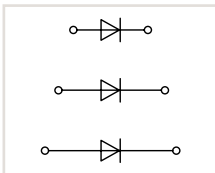
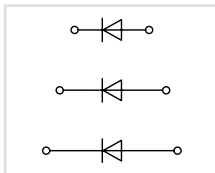
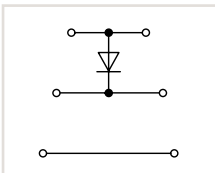
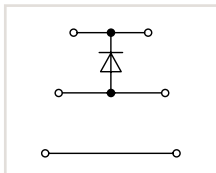
2002-3211/1000-410 2002-3211/1000-411



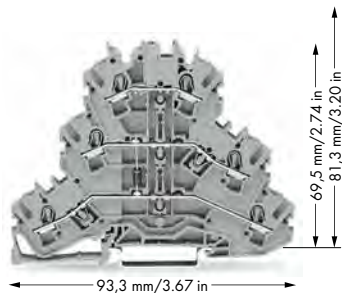
2002-3212/1000-673 2002-3212/1000-674



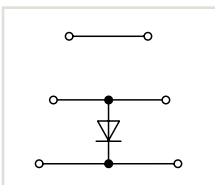
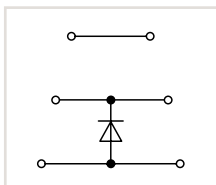
2002-3221/1000-434 2002-3221/1000-413



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Triple-deck diode terminal block, with 1N4007 diode		Triple-deck diode terminal block, with three 1N4007 diodes		Triple-deck LED terminal block, with red LED	
○ gray	2002-3211/1000-410 50	○ gray	2002-3212/1000-673 50	○ gray	2002-3221/1000-434 50
○ gray	2002-3211/1000-411 50	○ gray	2002-3212/1000-674 50	○ gray	2002-3221/1000-413 50



2002-3211/1000-675 2002-3211/1000-676



Item No.	Pack. Unit	
Triple-deck diode terminal block, with 1N4007 diode		Through terminal blocks with same profile, see page 50
○ gray	2002-3211/1000-675 50	
○ gray	2002-3211/1000-676 50	

TOPJOB® S

Triple-Deck Diode Terminal Blocks

Circuit Configuration Examples



Double- and triple-deck LED terminal blocks

Designing monitoring units via LED terminal blocks (e.g., for control and operating circuits).

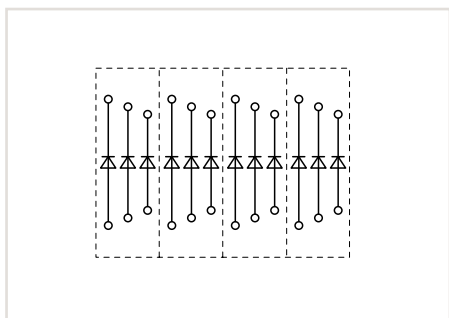
- ① Conductor range: 0.25 ... 4 mm² "s + f-st";
Push-in termination: 0.75 ... 4 mm² "s"
and 0.75 ... 2.5 mm²
"insulated ferrules, 12 mm"



Triple-deck diode terminal blocks were specifically developed for custom diode circuits, such as lamp test and collective fault signal circuits.

These terminal blocks provide high-density wiring in a width of just 5.2 mm.

Push-in type jumper bars provide additional options for custom circuit design.



Open diode gates can be created and connected individually using the following terminal blocks:

2002-3212/1000-673 or 2002-3212/1000-674

Using push-in type jumper bars, individual levels can be turned into polarized diode gates.

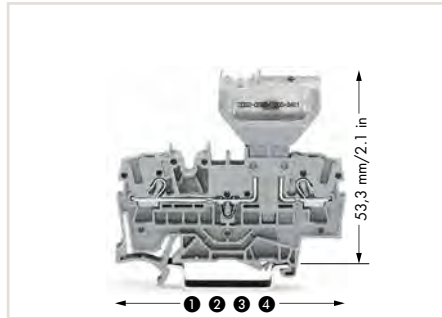
2002 Series Accessories

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate, 0.8 mm thick orange 2002-3292 100 (4x25) gray 2002-3291 100 (4x25)	End plate, for modular TOPJOB® S connector, 1.5 mm thick gray 2002-541 100 (4x25)
Triple-deck marker carrier, pivoting gray 2002-131 50 (2x25)	Test plug, with 500 mm cable, 2 mm Ø, max. 42 V red 210-136 50
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ² light gray 2002-171 200 (8x25)	Test plug adapter, for 4 mm Ø test plug gray 2009-174 100 (4x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ² dark gray 2002-172 200 (8x25)	Testing tap, for max. 2.5 mm ² gray 2009-182 100 (4x25)
Push-in type jumper bar, insulated, I _N 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)	Banana plug, for 4 mm socket diameter, color mixed, 10 x orange, white, black, blue, yellow 215-111 50
	WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable plain 793-5501 5
	WMB Inline, plain, 1,500 WMB markers (5 mm) per reel, 5 ... 5.2 mm stretchable white 2009-115 1
Push-in type jumper bar, insulated, I _N 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)	Marking strip, plain, 11 mm wide, 50 m reel white 2009-110 1
Modular TOPJOB® S connector, snaps together, for jumper contact slot gray 2002-511 100 (4x25)	TOPJOB® S group marker carrier, snap-on type for jumper slot, 5 mm wide gray 2009-191 50 (2x25)
Spacer module, snaps together, bridges commoned terminal blocks gray 2002-549 100 (4x25)	Screwless end stop, for DIN-35 rail, 6 mm wide gray 249-116 100 (4x25)
	Screwless end stop, for DIN-35 rail, 10 mm wide gray 249-117 50 (2x25)

TOPJOB® S Pluggable Diode Modules on Carrier Terminal Blocks, 2.5 (4) mm² 2002 Series

Diode module
with 1N4007 diode
U_N 250 V, U_{RM} 1000 V
I_N 1 A
Plug width 5.2 mm / 0.205 inch



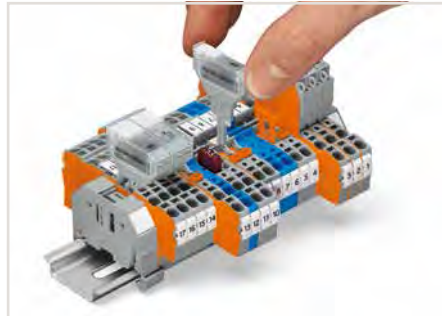
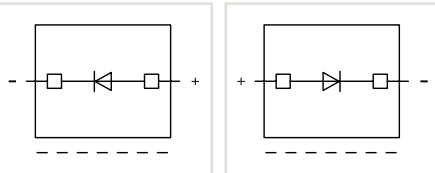
Dimensions of carrier terminal blocks with a pluggable diode module:

- ① 66.1 mm / 2.62 inch for 2002-1661
- ② 76.8 mm / 3.02 inch for 2002-1761
- ③ 87.5 mm / 3.45 inch for 2002-1861
- ④ 72.9 mm / 2.87 inch for 2002-1961

- ⑤ See application notes for:
Push-in type wire jumper, page 192
Colored push-in type jumper bar, page 188
Staggered jumper, page 190

2002-800/1000-411

2002-800/1000-410



These diode modules are ideal for custom diode circuits (e.g., lamp test and collective fault signal circuits) and offer the following advantages:

- Separation into functional and wiring levels
- Polarized switching direction
- Quick and easy exchange of modules
- Terminal blocks/modules provide high-density wiring in a width of just 5.2 mm

Accessories

Push-in type wire jumper, insulated, wire size 1.5 mm²,



I _N 18 A	
L = 60 mm	2009-412 100 (10x10)
L = 110 mm	2009-414 100 (10x10)
L = 250 mm	2009-416 100 (10x10)

Push-in type jumper bar, insulated, I_N 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_N 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)

Staggered jumper, insulated, I_N 25 A, light gray



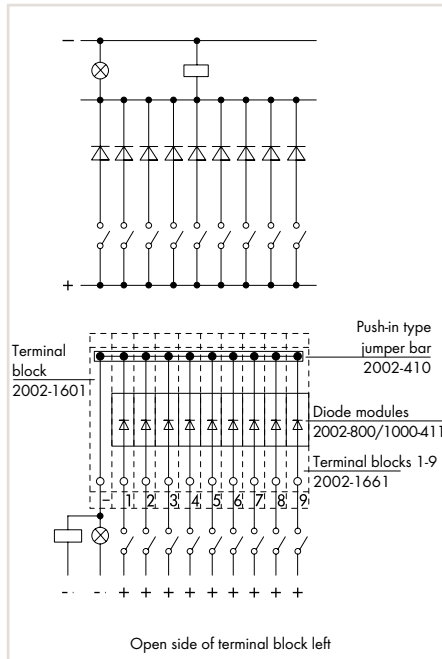
2-way	2002-472 100 (4x25)
3-way	2002-473 100 (4x25)
4-way	2002-474 100 (4x25)
5-way	2002-475 50 (2x25)
6-way	2002-476 50 (2x25)
7-way	2002-477 50 (2x25)
8-way	2002-478 50 (2x25)
9-way	2002-479 50 (2x25)
10-way	2002-480 50 (2x25)
11-way	2002-481 50 (2x25)
12-way	2002-482 50 (2x25)

Item No.	Pack. Unit
Diode module, with 1N4007 diode, max. operating temperature: 85°C, 5.2 mm wide	
gray 2002-800/1000-411	100
gray 2002-800/1000-410	100

Carrier Term. Blocks and Accessories

Appropriate marking system:
WMB/Marking strips

2-conductor carrier terminal block, ① 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch gray 2002-1661	50
End and intermediate plate, 1 mm thick orange 2002-1692 gray 2002-1691	100 (4x25) 100 (4x25)
3-conductor carrier terminal block, ② 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch gray 2002-1761	50
End and intermediate plate, 1 mm thick orange 2002-1792 gray 2002-1791	100 (4x25) 100 (4x25)
4-conductor carrier terminal block, ③ 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch gray 2002-1861	50
End and intermediate plate, 1 mm thick orange 2002-1892 gray 2002-1891	100 (4x25) 100 (4x25)
2-conductor carrier terminal block, ④ 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch gray 2002-1961	50
End and intermediate plate, 1 mm thick orange 2002-1992 gray 2002-1991	100 (4x25) 100 (4x25)



Diode module (2002-800/1000-411)
Diode gate for collective fault indication

TOPJOB® S – Pluggable Diode Modules and Empty Component Plug Housings on Through Terminal Blocks, 2.5 (4) mm²

2002 Series

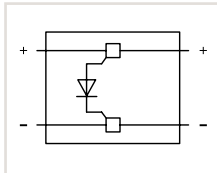
Diode module with 1N4007 diode as free-wheeling diode
 U_N 250 V, U_{RM} 1000 V
 I_N 1 A
 Plug width 10.4 mm / 0.409 inch



Dimensions of through terminal blocks with a pluggable diode module:

- ① 48.5 mm / 1.91 inch for 2002-1201
- ② 59.2 mm / 2.33 inch for 2002-1301
- ③ 69.9 mm / 2.75 inch for 2002-1401

- ④ See application notes for:
 Push-in type wire jumper, page 192
 Colored push-in type jumper bar, page 188
 Staggered jumper, page 190



Similar to push-in type jumpers, these diode modules are simply pushed into the current bar's contact slots of two adjacent through terminal blocks, providing the following advantages:

- Compatible with all 2001 to 2006 Series Through Terminal Blocks equipped with jumper slots (note the module's width)
 - Easily retrofit existing systems
- Additional advantages:
- Separation into functional and wiring levels
 - Fast replacement of other functional units
 - Solder-free assembly of diodes, resistors, etc.

Item No.	Pack. Unit
Diode module, with 1N4007 diode as free-wheeling diode, max. operating temperature: 85 °C, 10.4 mm wide	
gray 2002-880/1000-411	50
Empty component plug housing type 4, 2-pole, 10.4 mm wide	
gray 2002-880	50

Through Term. Blocks and Accessories

Appropriate marking system:
WMB/Marking strips

2-conductor through terminal block, ①	0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG	Terminal block width 5.2 mm / 0.205 inch	gray 2002-1201	100
End and intermediate plate, 0.8 mm thick	orange	2002-1292	100 (4x25)	
	gray	2002-1291	100 (4x25)	
3-conductor through terminal block, ②	0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG	Terminal block width 5.2 mm / 0.205 inch	gray 2002-1301	100
End and intermediate plate, 0.8 mm thick	orange	2002-1392	100 (4x25)	
	gray	2002-1391	100 (4x25)	
4-conductor through terminal block, ③	0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG	Terminal block width 5.2 mm / 0.205 inch	gray 2002-1401	100
End and intermediate plate, 0.8 mm thick	orange	2002-1492	100 (4x25)	
	gray	2002-1491	100 (4x25)	
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ²	light gray	2002-171	200 (8x25)	



Opening the cover via operating tool (2.5 mm blade).

Accessories

Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ²				
	dark gray	2002-172	200 (8x25)	
Protective warning marker, with black high-voltage symbol, for 5 terminal blocks				
	yellow	2002-115	100 (4x25)	
Push-in type wire jumper, insulated, wire size 1.5 mm ² , I _N 18 A				
	L = 60 mm	2009-412	100 (10x10)	
	L = 110 mm	2009-414	100 (10x10)	
	L = 250 mm	2009-416	100 (10x10)	
Push-in type jumper bar, insulated, I _N 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 _N 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)	
Staggered jumper, insulated, I _N 25 A, light gray				
	2-way	2002-472	100 (4x25)	
	3-way	2002-473	100 (4x25)	
	4-way	2002-474	100 (4x25)	
	5-way	2002-475	50 (2x25)	

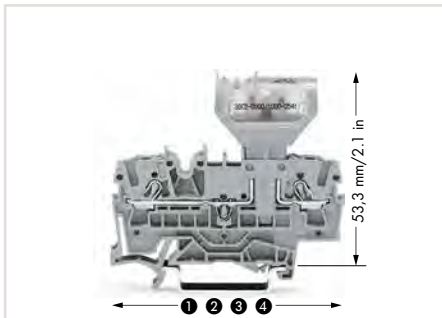
TOPJOB® S

Pluggable LED Modules on Carrier Terminal Blocks, 2.5 (4) mm²

2002 Series

LED module
I_N ≤ 3 mA

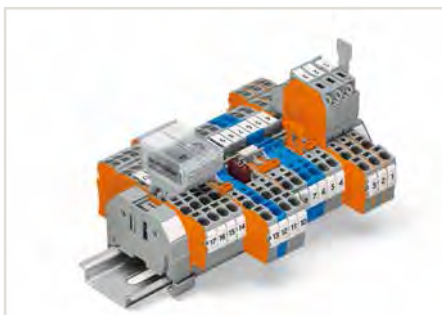
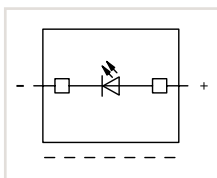
Plug width 5.2 mm / 0.205 inch



Dimensions of carrier terminal blocks with a pluggable LED module:

- ① 66.1 mm / 2.62 inch for 2002-1661
- ② 76.8 mm / 3.02 inch for 2002-1761
- ③ 87.5 mm / 3.45 inch for 2002-1861
- ④ 72.9 mm / 2.87 inch for 2002-1961

- ⑤ See application notes for:
Push-in type wire jumper, page 192
Colored push-in type jumper bar, page 188
Staggered jumper, page 190



The monitoring of control and operating current circuits with LED modules on rail-mount terminal blocks provides several advantages:

- No additional cost for assembly and wiring
- Separation into functional and wiring levels
- Fast and easy replacement of other functional units

Additional advantages:

- Polarized switching direction
- Terminal blocks/modules provide high-density wiring in a width of just 5.2 mm

Accessories

Push-in type wire jumper, insulated, wire size 1.5 mm²,

⑤ I_N 18 A



L = 60 mm	2009-412	100 (10x10)
L = 110 mm	2009-414	100 (10x10)
L = 250 mm	2009-416	100 (10x10)

Push-in type jumper bar, insulated, I_N 25 A, light gray

⑤



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_N 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)

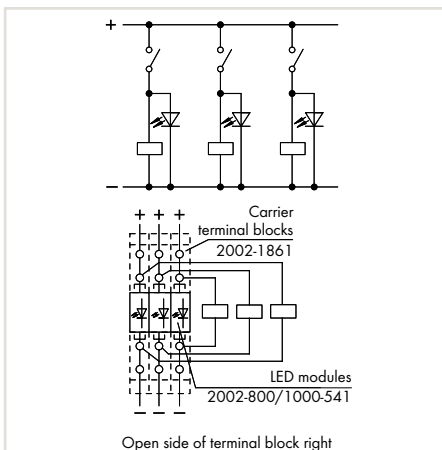
Staggered jumper, insulated, I_N 25 A, light gray

⑤



2-way	2002-472	100 (4x25)
3-way	2002-473	100 (4x25)
4-way	2002-474	100 (4x25)
5-way	2002-475	50 (2x25)
6-way	2002-476	50 (2x25)
7-way	2002-477	50 (2x25)
8-way	2002-478	50 (2x25)
9-way	2002-479	50 (2x25)
10-way	2002-480	50 (2x25)
11-way	2002-481	50 (2x25)
12-way	2002-482	50 (2x25)

Item No.	Pack. Unit
LED module, with red LED, max. operating temperature: 85°C, 5.2 mm wide	
○ 12 ... 30 V	2002-800/1000-541 100
○ 30 ... 65 V	2002-800/1000-542 100
○ 230 V	2002-800/1000-836 100
Carrier Term. Blocks and Accessories	
Appropriate marking system: WMB/Marking strips	
2-conductor carrier terminal block,	
①	0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch gray 2002-1661 50
End and intermediate plate, 1 mm thick	
	orange 2002-1692 100 (4x25)
	gray 2002-1691 100 (4x25)
32-conductor carrier terminal block,	
②	0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch gray 2002-1761 50
End and intermediate plate, 1 mm thick	
	orange 2002-1792 100 (4x25)
	gray 2002-1791 100 (4x25)
4-conductor carrier terminal block,	
③	0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch gray 2002-1861 50
End and intermediate plate, 1 mm thick	
	orange 2002-1892 100 (4x25)
	gray 2002-1891 100 (4x25)
2-conductor carrier terminal block,	
④	0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch gray 2002-1961 50
End and intermediate plate, 1 mm thick	
	orange 2002-1992 100 (4x25)
	gray 2002-1991 100 (4x25)



LED module (2002-800/1000-541)
Voltage control refers to current circuits.

TOPJOB® S Pluggable LED Modules on Through Terminal Blocks, 2.5 (4) mm² 2002 Series

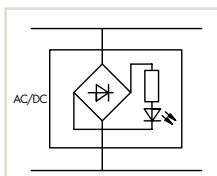
LED module
I_N ≤ 3 mA

Plug width 10.4 mm / 0.409 inch



Dimensions of through terminal blocks with a pluggable LED module:

- ❶ 48.5 mm / 1.91 inch for 2002-1201
- ❷ 59.2 mm / 2.33 inch for 2002-1301
- ❸ 69.9 mm / 2.75 inch for 2002-1401



Item No.	Pack. Unit
LED module, with red LED, max. operating temperature: 85°C, 10.4 mm wide	
○ 12 ... 30 V	2002-880/1000-541 50
○ 30 ... 65 V	2002-880/1000-542 50
○ 230 V	2002-880/1000-836 50



Labelling via WMB Multi markers and marking strips.

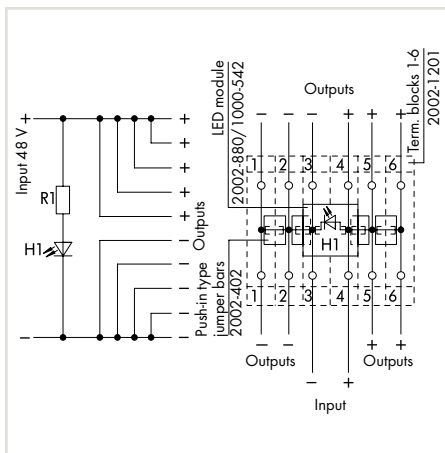


Testing can also be performed via 2-pole test plugs.

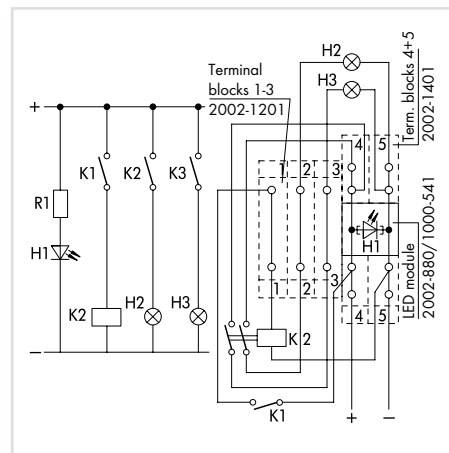
Through Term. Blocks and Accessories

Appropriate marking system:
WMB/Marking strips

2-conductor through terminal block,	
❶	0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch gray 2002-1201 100
End and intermediate plate, 0.8 mm thick	
	orange 2002-1292 100 (4x25)
	gray 2002-1291 100 (4x25)
3-conductor through terminal block,	
❷	0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch gray 2002-1301 100
End and intermediate plate, 0.8 mm thick	
	orange 2002-1392 100 (4x25)
	gray 2002-1391 100 (4x25)
4-conductor through terminal block,	
❸	0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch gray 2002-1401 100
End and intermediate plate, 0.8 mm thick	
	orange 2002-1492 100 (4x25)
	gray 2002-1491 100 (4x25)
Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ²	
	light gray 2002-171 200 (8x25)
Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ²	
	dark gray 2002-172 200 (8x25)



LED module (2002-880/1000-541)
Multiple outputs with indicator lamp



LED module (2002-880/1000-541)
Control unit

TOPJOB® S

Empty Component Plug Housings on Carrier Terminal Blocks, 2.5 (4) mm²

2002 Series

Empty component plug housing	Empty component plug housing
Plug width 5.2 mm / 0.205 inch	Plug width 10.4 mm / 0.409 inch






5 See application notes for:
 Push-in type wire jumper, page 192
 Colored push-in type jumper bar, page 188
 Staggered jumper, page 10

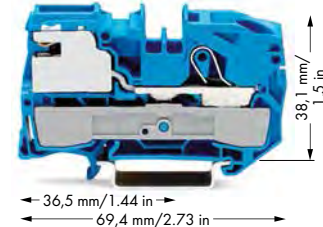
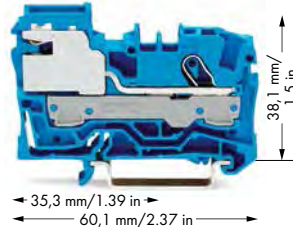
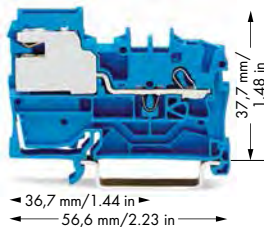
Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories
Empty component plug housing type 1, 2-pole, 5.2 mm wide		Empty component plug housing type 2, 2-pole, 10.4 mm wide		
○ gray 2002-800	100	○ gray 2002-810	50	
		Empty component plug housing type 3, 4-pole, 10.4 mm wide		
		○ gray 2002-820	50	
Carrier Term. Blocks and Accessories				
Appropriate marking system: WMB/Marking strips				
2-conductor carrier terminal block, 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG		Push-in type wire jumper, insulated, wire size 1.5 mm ² , I _N 18 A		Staggered jumper, insulated, I _N 25 A, light gray
Terminal block width 5.2 mm / 0.205 inch				5
gray 2002-1661	50			
End and intermediate plate, 1 mm thick		L = 60 mm 2009-412	100 (10x10)	
orange 2002-1692	100 (4x25)	L = 110 mm 2009-414	100 (10x10)	
gray 2002-1691	100 (4x25)	L = 250 mm 2009-416	100 (10x10)	
3-conductor carrier terminal block, 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG		Push-in type jumper bar, insulated, I _N 25 A, light gray		WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable
Terminal block width 5.2 mm / 0.205 inch		5		plain 793-5501
gray 2002-1761	50			5
End and intermediate plate, 1 mm thick		2-way 2002-402	200 (8x25)	WMB Multi marking system, plain, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable
orange 2002-1792	100 (4x25)	3-way 2002-403	200 (8x25)	yellow 793-5501/000-002
gray 2002-1791	100 (4x25)	4-way 2002-404	200 (8x25)	red 793-5501/000-005
4-conductor carrier terminal block, 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG		5-way 2002-405	100 (4x25)	blue 793-5501/000-006
Terminal block width 5.2 mm / 0.205 inch		6-way 2002-406	100 (4x25)	gray 793-5501/000-007
gray 2002-1861	50	7-way 2002-407	100 (4x25)	orange 793-5501/000-012
End and intermediate plate, 1 mm thick		8-way 2002-408	100 (4x25)	light green 793-5501/000-017
orange 2002-1892	100 (4x25)	9-way 2002-409	100 (4x25)	green 793-5501/000-023
gray 2002-1891	100 (4x25)	10-way 2002-410	100 (4x25)	violet 793-5501/000-024
2-conductor carrier terminal block, 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG		Push-in type jumper bar, insulated, I _N 25 A, light gray		
Terminal block width 5.2 mm / 0.205 inch		5		
gray 2002-1961	50	from 1 to 3 2002-433	200 (8x25)	
End and intermediate plate, 1 mm thick		from 1 to 4 2002-434	200 (8x25)	
orange 2002-1992	100 (4x25)	from 1 to 5 2002-435	100 (4x25)	
gray 2002-1991	100 (4x25)	from 1 to 6 2002-436	100 (4x25)	
Protective warning marker, with black high-voltage symbol, for 5 terminal blocks		from 1 to 7 2002-437	100 (4x25)	
yellow 2002-115	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)	
		Multi-purpose operating tool, for component plugs		
		5		
		2002-116	5	

TOPJOB® S

N-Conductor and Power Distribution Disconnect Terminal Blocks

2.5 (4) mm², 2002 Series and 4 (6) mm², 2006 Series and 16 (25 "f-st") mm², 2016 Series

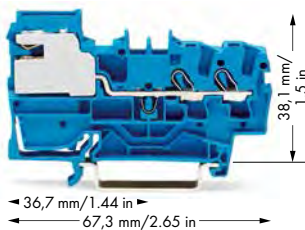
<p>0.25 ... 2.5 (4) mm² ① 22 ... 12 AWG 250 V/4 kV/3 ④ I_N 32 A</p> <p>Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch</p>	<p>0.5 ... 6 (10) mm² ② 20 ... 8 AWG 250 V/4 kV/3 ④ I_N 51 A</p> <p>Terminal block width 7.5 mm / 0.295 inch  13 ... 15 mm / 0.51 ... 0.59 inch</p>	<p>0.5 ... 16 (25 "f-st") mm² ③ 20 ... 4 AWG 250 V/4 kV/3 ④ I_N 76 A</p> <p>Terminal block width 12 mm / 0.472 inch  18 ... 20 mm / 0.71 ... 0.79 inch</p>
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
1-conductor N-disconnect terminal block ● blue 2002-7114 ⑤	50	1-conductor N-disconnect terminal block ● blue 2006-7114 ⑤	50	1-conductor N-disconnect terminal block ● blue 2016-7114 ⑤	25
1-conductor power distribution disconnect terminal block ○ gray 2002-7111 ⑥	50	1-conductor power distribution disconnect terminal block ○ gray 2006-7111 ⑥	50	1-conductor power distribution disconnect terminal block ○ gray 2016-7111 ⑥	25
Appropriate through and ground conductor terminal blocks, see page 24		Appropriate through and ground conductor terminal blocks, see page 30		Appropriate through and ground conductor terminal blocks, see page 32	
Item-Specific Accessories		Item-Specific Accessories		Item-Specific Accessories	
End and intermediate plate, 0.8 mm thick orange 2002-7192 100 (4x25)		End and intermediate plate, 1 mm thick orange 2006-7192 100 (4x25)		End and intermediate plate, 1 mm thick orange 2016-7192 100 (4x25)	
Lock-out, prevents reclosing of slide link, snap-on type orange 2005-7300 100 (4x25)		Lock-out, prevents reclosing of slide link, snap-on type orange 2006-7300 100 (4x25)		Lock-out, prevents reclosing of slide link, snap-on type orange 2006-7300 100 (4x25)	

Accessories for N-Conductor and Power Distribution Disconnect Terminal Blocks

Appropriate marking systems: WMB/Marking strips






Busbar carrier, not suitable as end stop, snaps onto DIN-35 rail, 1.5 mm thick blue 2009-304 100 (4x25)	Connector, for N-busbar, 2.5 ... 35 mm ² unplated 209-105 50
Busbar carrier, can replace end bracket, with detachable separator plate, snaps onto DIN-35 rail, 7.5 mm thick blue 209-305 25	Connector, for N-busbar, with blue cover, 2.5 ... 16 mm ² blue 210-281 100 (2x50)
Straight busbar, tin-plated, 1000 mm long, copper (10 x 3) mm I _N 140 A 210-133 1	Test plug, with 500 mm cable, 2 mm Ø, max. 42 V red 210-136 50
Busbar cover, 1000 mm long transparent 777-303 1	Test plug, with 500 mm cable, 2.3 mm Ø, max. 42 V yellow 210-137 50
	WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable plain 793-5501 5












Item No.	Pack. Unit
2-conductor N-disconnect terminal block ● blue 2002-7214 ⑤	50
2-conductor power distribution disconnect terminal block ○ gray 2002-7211 ⑥	50
Item-Specific Accessories	
End and intermediate plate, 0.8 mm thick orange 2002-7292 100 (4x25)	

TOPJOB® S Modular Connectors and Connector Strips

1 (1.5) mm², 2000 Series and 1.5 (2.5) mm², 2001 Series and 2.5 (4) mm², 2002 Series

1.14 ... 1 (1.5) mm ² ① 24 ... 16 AWG 500 V/6 kV/3 ④ I _N 13.5 A Terminal block width 3.5 mm / 0.138 inch  9 ... 11 mm / 0.35 ... 0.43 inch	0.25 ... 1.5 (2.5) mm ² ② 22 ... 14 AWG 500 V/6 kV/3 ④ I _N 18 A Terminal block width 4.2 mm / 0.165 inch  9 ... 11 mm / 0.35 ... 0.43 inch ⑤	0.25 ... 2.5 (4) mm ² ③ 22 ... 12 AWG 500 V/6 kV/3 ④ I _N 24 A Terminal block width 5.2 mm / 0.205 inch  10 ... 12 mm / 0.39 ... 0.47 inch ⑥
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Modular TOPJOB® S connector, for jumper contact slot, snaps together, gray ○ 1-pole 2000-510	100 (4x25)	Modular TOPJOB® S connector, for jumper contact slot, snaps together, gray ○ 1-pole 2001-511	100 (4x25)	Modular TOPJOB® S connector, for jumper contact slot, snaps together, gray ○ 1-pole 2002-511	100 (4x25)
Modular TOPJOB® S connector, for jumper contact slot, snaps together, gray Terminal block width: 5 mm / 0.197 inch ○ 1-pole 2000-511	100 (4x25)				
Spacer module, snaps together, bridges commoned terminal blocks ○ gray 2000-549	100 (4x25)	Spacer module, snaps together, bridges commoned terminal blocks ○ gray 2001-549	100 (4x25)	Spacer module, snaps together, bridges commoned terminal blocks ○ gray 2002-549	100 (4x25)
TOPJOB® S connector strip, for jumper contact slot, gray ○ 2-pole 2000-552 ○ 3-pole 2000-553 ○ 4-pole 2000-554 ○ 5-pole 2000-555 ○ 6-pole 2000-556 ○ 7-pole 2000-557 ○ 8-pole 2000-558 ○ 9-pole 2000-559 ○ 10-pole 2000-560	25 25 25 10 10 10 10 10 10	TOPJOB® S connector strip, for jumper contact slot, gray ○ 2-pole 2001-552 ○ 3-pole 2001-553 ○ 4-pole 2001-554 ○ 5-pole 2001-555 ○ 6-pole 2001-556 ○ 7-pole 2001-557 ○ 8-pole 2001-558 ○ 9-pole 2001-559 ○ 10-pole 2001-560	25 25 25 10 10 10 10 10 10	TOPJOB® S connector strip, for jumper contact slot, gray ○ 2-pole 2002-552 ○ 3-pole 2002-553 ○ 4-pole 2002-554 ○ 5-pole 2002-555 ○ 6-pole 2002-556 ○ 7-pole 2002-557 ○ 8-pole 2002-558 ○ 9-pole 2002-559 ○ 10-pole 2002-560	25 25 25 10 10 10 10 10 10
Item-Specific Accessories		Item-Specific Accessories		Item-Specific Accessories	
End plate, for modular TOPJOB® S connector, 1.5 mm thick  gray 2002-541	100 (4x25)	End plate, for modular TOPJOB® S connector, 1.5 mm thick  gray 2002-541	100 (4x25)	End plate, for modular TOPJOB® S connector, 1.5 mm thick  gray 2002-541	100 (4x25)
WMB Inline, plain, 2,300 WMB markers (3.5 mm) per reel  white 2009-113	1	WMB Inline, plain, 2,000 WMB markers (4 mm) per reel, 4 ... 4.2 mm stretchable  white 2009-114	1	WMB Inline, plain, 1,500 WMB markers (5 mm) per reel, 5 ... 5.2 mm stretchable  white 2009-115	1
WMB Multi marking system, white, 10 strips with 10 markers per card, for 3.5 mm terminal block width  plain 793-3501	5	WMB Multi marking system, white, 10 strips with 10 markers per card, 4 ... 4.2 mm stretchable  plain 793-4501	5	WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable  plain 793-5501	5
		WMB Multi marking system, plain, 10 strips with 10 markers per card, 4 ... 4.2 mm stretchable  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	WMB Multi marking system, plain, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable  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

TOPJOB® S – L-Type Test Plug Modules for Testing Rail-Mount Terminal Blocks

Terminal Block Width 5.2 mm via Conductor Wire Opening

2.5 (4) mm², 2002 Series

0.25 ... 2.5 (4) mm² ① | 22 ... 12 AWG
500 V/6 kV/3 ②
I_N 18 A

Terminal block width 5.2 mm / 0.205 inch
10 ... 12 mm / 0.39 ... 0.47 inch



TOPJOB® S L-type test plug assembly:
 • L-type test plug modules
 • L-type spacer modules (max. 10-pole) to skip terminal blocks

① Conductor range: 0.25 ... 4 mm² "s + f-st";
Push-in termination: 0.75 ... 4 mm² "s"
"insulated ferrule, 12 mm"

② 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree

(see Full Line Catalog, Volume 1, Section 14)



Item No.	Pack. Unit
TOPJOB® S L-type test plug module, snaps together, gray According to EN 61984, pluggable connectors without current interrupting capacity shall not be mated and unmated when live or under load.	
○ 1-pole 2002-611	100 (4x25)
TOPJOB® S L-type spacer module, snaps together, bridges commoned terminal blocks	
○ gray 2002-649	100 (4x25)



L-type test plug modules fitted in a triple-deck terminal block

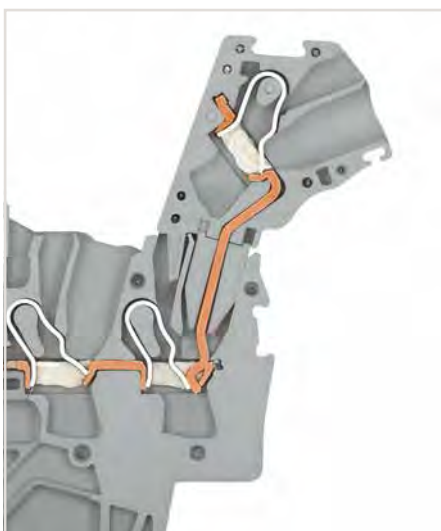


TOPJOB® S L-type test plugs for testing rail-mount terminal blocks via conductor entries

Accessories L-Type Test Plug Modules

Appropriate marking systems:
WMB/WMB Inline/Mini-WSB

End plate, for modular TOPJOB® S test plugs, 1.5 mm thick	
gray 2002-641	100 (4x25)
Test plug, with 500 mm cable, 2 mm Ø, max. 42 V	
red 210-136	50
Test plug, with 500 mm cable, 2.3 mm Ø, max. 42 V	
yellow 210-137	50
Strain relief plate, gray	
35 mm wide 734-326	100 (4x25)
6 mm wide 734-327	100 (4x25)
12.5 mm wide 734-328	100 (4x25)
25 mm wide 734-329	100 (4x25)



L-type test plug module – cross-sectional view of contacts

WMB Inline, plain, 1,500 WMB markers (5 mm) per reel, 5 ... 5.2 mm stretchable	
white 2009-115	1
WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable	
plain 793-5501	5

TOPJOB® S

Colored Push-In Type Jumper Bars

2000 Series and 2002 Series

Push-in type jumper bar	Push-in type jumper bar	Push-in type jumper bar
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Push-in type jumper bar, insulated, I _N 14 A, red		Push-in type jumper bar, insulated, I _N 14 A, blue		Push-in type jumper bar, insulated, I _N 25 A, green-yellow	
● 2-way	2000-402/000-005 200 (8x25)	● 2-way	2000-402/000-006 200 (8x25)	● 2-way	2000-402/000-018 200 (8x25)
● 3-way	2000-403/000-005 200 (8x25)	● 3-way	2000-403/000-006 200 (8x25)		
● 4-way	2000-404/000-005 200 (8x25)	● 4-way	2000-404/000-006 200 (8x25)		
● 5-way	2000-405/000-005 100 (4x25)	● 5-way	2000-405/000-006 100 (4x25)		
● 6-way	2000-406/000-005 100 (4x25)	● 6-way	2000-406/000-006 100 (4x25)		
● 7-way	2000-407/000-005 100 (4x25)	● 7-way	2000-407/000-006 100 (4x25)		
● 8-way	2000-408/000-005 100 (4x25)	● 8-way	2000-408/000-006 100 (4x25)		
● 9-way	2000-409/000-005 100 (4x25)	● 9-way	2000-409/000-006 100 (4x25)		
● 10-way	2000-410/000-005 100 (4x25)	● 10-way	2000-410/000-006 100 (4x25)		
Push-in type jumper bar, insulated, I _N 25 A, red		Push-in type jumper bar, insulated, I _N 25 A, blue			
● 2-way	2002-402/000-005 200 (8x25)	● 2-way	2002-402/000-006 200 (8x25)		
● 3-way	2002-403/000-005 200 (8x25)	● 3-way	2002-403/000-006 200 (8x25)		
● 4-way	2002-404/000-005 200 (8x25)	● 4-way	2002-404/000-006 200 (8x25)		
● 5-way	2002-405/000-005 100 (4x25)	● 5-way	2002-405/000-006 100 (4x25)		
● 6-way	2002-406/000-005 100 (4x25)	● 6-way	2002-406/000-006 100 (4x25)		
● 7-way	2002-407/000-005 100 (4x25)	● 7-way	2002-407/000-006 100 (4x25)		
● 8-way	2002-408/000-005 100 (4x25)	● 8-way	2002-408/000-006 100 (4x25)		
● 9-way	2002-409/000-005 100 (4x25)	● 9-way	2002-409/000-006 100 (4x25)		
● 10-way	2002-410/000-005 100 (4x25)	● 10-way	2002-410/000-006 100 (4x25)		



An application example: colored push-in type jumper bars are used with sensor terminal blocks.

TOPJOB® S

Staggered Jumpers

2002 Series

Staggered jumper
 400 V/6 kV/3
 I_N 25 A



Staggered jumper (seven contacts)
 Individual jumper contacts can be broken off by bending them. The remaining piece of insulation will meet requirements for clearances and creepage distances.



Staggered jumpers (seven contacts)

	Item No.	Pack. Unit
	Staggered jumper, insulated, for 2002, 2003 and 2022 Series rail-mount terminal blocks, light gray	
○	2-way	2002-472 100 (4x25)
○	3-way	2002-473 100 (4x25)
○	4-way	2002-474 100 (4x25)
○	5-way	2002-475 50 (2x25)
○	6-way	2002-476 50 (2x25)
○	7-way	2002-477 50 (2x25)
○	8-way	2002-478 50 (2x25)
○	9-way	2002-479 50 (2x25)
○	10-way	2002-480 50 (2x25)
○	11-way	2002-481 50 (2x25)
○	12-way	2002-482 50 (2x25)

Commoning using staggered jumpers
 Individual jumper contacts can be broken off by bending them. The remaining piece of insulation will meet the requirements for clearances and creepage distances. This makes it possible to create custom staggered jumpers, e.g. for bridging over a terminal block with a different potential. When creating the jumpers, ensure only one contact lug is in contact with the terminal block. The contact lugs of the customized staggered jumpers contact the terminal blocks via the gaps created in the second jumper. Insert and press jumper into the jumper slot until it hits the backstop.



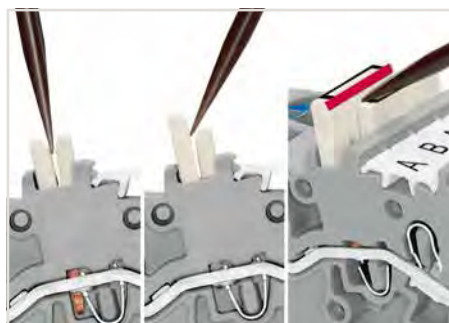
Marking a staggered jumper using a felt-tip pen.



Locate red stripes of the staggered jumpers on the inside. Insert staggered jumper and push down until it hits backstop.



Staggering jumpers in a single jumper slot.
 When creating custom staggered jumpers (e.g., for bridging over a terminal block with a different potential), make sure that only one contact lug is in contact with the terminal block. The contact lugs of the customized staggered jumpers contact the terminal blocks via the gaps created in the second jumper. Insert and press the ready-made jumper assembly into the jumper slot until it hits backstop.



Removing a staggered jumper:
 Insert the operating tool between the staggered jumpers, then lift up the jumper.



Commoning two potentials in one single jumper slot via extremely slim staggered jumpers.

TOPJOB® S

Adjacent Jumpers for Continuous Commoning and Collective Jumper Carrier

2002 Series and 2009 Series

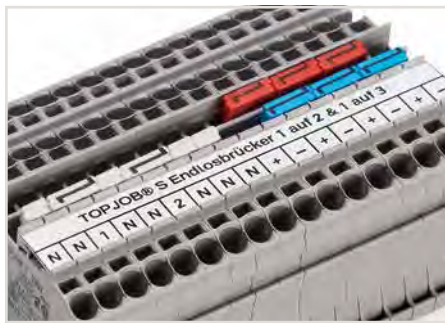
Adjacent jumper for continuous commoning	Adjacent jumper for continuous commoning	Collective jumper carrier
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Adjacent jumper for continuous commoning, insulated, I _N 25 A, light gray		Adjacent jumper for continuous commoning, insulated, I _N 25 A, 1 to 3		Collective jumper carrier, for DIN-35 rail, compatible with 2000 to 2016 Series jumpers	
○ 2-way 2002-400	100 (4x25)	○ light gray 2002-423	100 (4x25)	○ gray 2009-180	25
		● red 2002-423/000-005	100 (4x25)		
		● blue 2002-423/000-006	100 (4x25)		



Continuous jumpers (2002 Series) readily connect an endless number of terminal blocks to each other via a single jumper slot. Use the second jumper slot for additional commoning or testing.



The 1-to-3 adjacent jumper for continuous commoning enables every other terminal block to be commoned. For example, positive and negative potentials can be accommodated alongside each other.



Collective carrier for TOPJOB® S jumpers



Adjacent jumpers for continuous commoning (2002-400)

TOPJOB® S Vertical Jumpers 2000 Series and 2002 Series

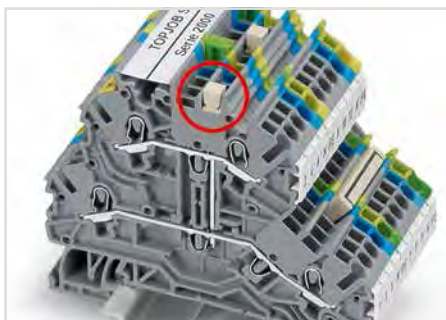
Double-deck vertical jumper 500 V/6 kV/3 I _N 13.5 A	Double-deck vertical jumper 500 V/6 kV/3 I _N 24 A	Triple-deck vertical jumper 500 V/6 kV/3 I _N 24 A
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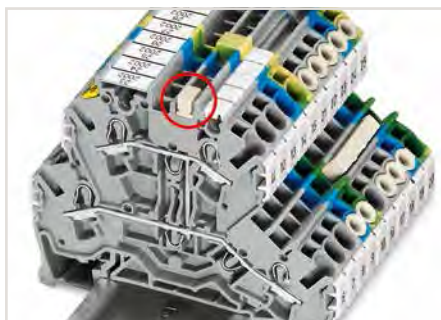
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Double-deck vertical jumper, insulated		Double-deck vertical jumper, insulated		Triple-deck vertical jumper, insulated	
○ light gray	2000-492	100 (4x25)	○ light gray	2002-492	100 (4x25)
			● orange	2002-492/000-012	100 (4x25)



Created for double- and triple-deck TOPJOB® S Terminal Blocks, the vertical jumpers can common two or three levels. Clearly marked numerals ("2" and "3") distinguish the double-deck (2002-492) and triple-deck vertical jumpers (2002-493), even when inserted.



Commoning two levels via double-deck vertical jumper (2000-492).



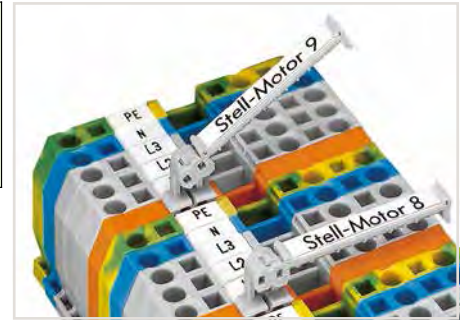
Commoning two levels via double-deck vertical jumper (2002-492).



Commoning three levels via triple-deck vertical jumper (2002-493).

TOPJOB® S Group Marker Carriers and Marker Carriers

Group marker carrier	Marker carrier
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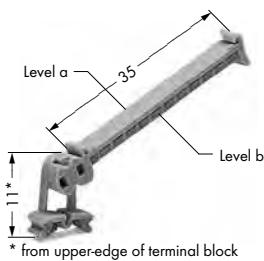
This pivoting group marker carrier has been developed for group marking of rail-mount terminal blocks to satisfy several customer requirements:

- Can be used in all multiprofile marker slots for rail-mount terminal blocks from 5 mm on or in spacer housings as shown above.
- Improves marking visibility due to difficult mounting conditions by pivoting into one of seven stable positions.

Item No.	Pack. Unit	Item No.	Pack. Unit
TOPJOB® S group marker carrier, snap-on type for jumper slot, gray		Marker carrier, for jumper slots 2002 Series, 5 mm wide	
○ 5 mm wide	2009-191	○ gray	2002-161
○ 10 mm wide	2009-192		
○ 15 mm wide	2009-193		
TOPJOB® S group marker carrier, snap-on type for jumper slot, gray			
○ 10 mm wide	2009-196		



Using marker carriers for marking strips (2002-161) in jumper slots.



Item No.	Pack. Unit	Item No.	Pack. Unit
Pivoting group marker carrier		Marker carrier, for lateral marker receptacle, 5 mm wide	
○ gray	249-105	○ gray	2009-198
Marker card, 4 x 30 markers/sheet			
○ white	209-183		
Protection marker cover transparent			
	209-184		



Using marker carriers for marking strips (2009-198) in lateral marker slots.