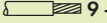


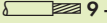
1 TOPJOB® S


Double-Deck Terminal Blocks 1 (1.5) mm²

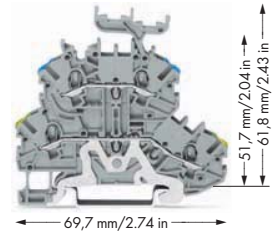
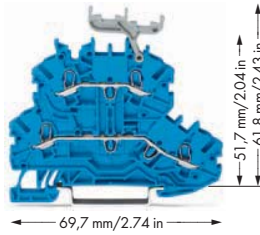
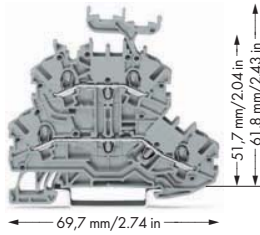
2000 Series

68

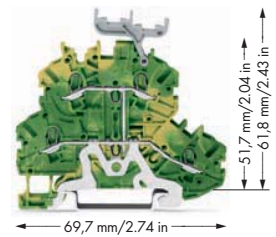
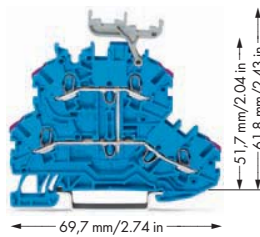
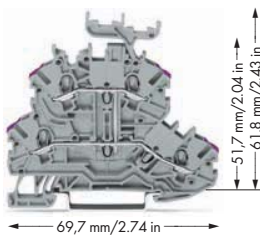
0.14 - 1 (1.5) mm² ① | AWG 24 - 16
 500 V/6 kV/3 ②
 I_N 13.5 A (18 A)
 Terminal block width 3.5 mm / 0.138 in
 9 - 11 mm / 0.39 in ③

0.14 - 1 (1.5) mm² ① | AWG 24 - 16
 500 V/6 kV/3 ②
 I_N 13.5 A (18 A)
 Terminal block width 3.5 mm / 0.138 in
 9 - 11 mm / 0.39 in ③

0.14 - 1 (1.5) mm² ① | AWG 24 - 16
 500 V/6 kV/3 ②
 I_N 13.5 A (18 A)
 Terminal block width 3.5 mm / 0.138 in
 9 - 11 mm / 0.39 in ③



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















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

- ① Conductor sizes: 0.14 mm² – 1.5 mm² "s + f-st";
Push-in conductor sizes: 0.5 mm² – 1.5 mm² "s"
and 0.5 mm² – 0.75 mm²
"insulated ferrule, 10 mm"
- ② 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Section 14)
- ③ Strip length, see packaging or instructions.



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

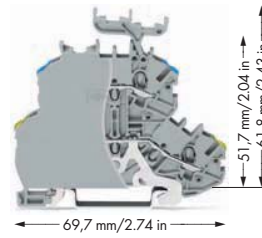
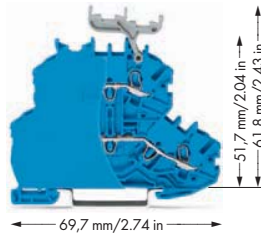
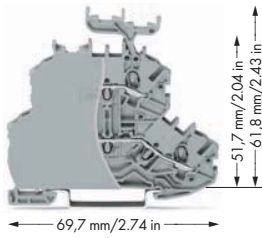
2000 Series Accessories			
Appropriate marking systems: WMB/Marking strips (see Section 13)			
End and intermediate plate, 0.7 mm thick		Test plug adapter,	
	orange 2000-2292 25		for test plug 4 mm Ø
	gray 2000-2291 25		gray 2009-174 100 (4x25)
Push-in type jumper bar, insulated,		Banana plug,	
	In 14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

TOPJOB® Double-Deck Terminal Blocks 1 (1.5) mm² 2000 Series

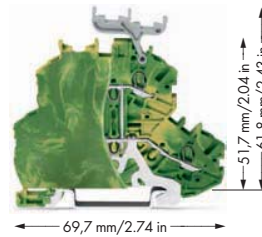
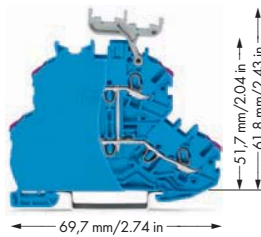
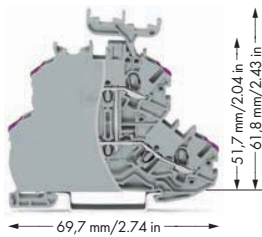
0.14 - 1 (1.5) mm² ① | AWG 24 - 16
800 V/8 kV/3 ②
I_N 13.5 A (18 A)
Terminal block width 4.2 mm / 0.165 in
9 - 11 mm / 0.39 in ③

0.14 - 1 (1.5) mm² ① | AWG 24 - 16
800 V/8 kV/3 ②
I_N 13.5 A (18 A)
Terminal block width 4.2 mm / 0.165 in
9 - 11 mm / 0.39 in ③

0.14 - 1 (1.5) mm² ① | AWG 24 - 16
800 V/8 kV/3 ②
I_N 13.5 A (18 A)
Terminal block width 4.2 mm / 0.165 in
9 - 11 mm / 0.39 in ③



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

















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

- ① Conductor sizes: 0.14 mm² - 1.5 mm² "s + f-st";
Push-in conductor sizes: 0.5 mm² - 1.5 mm² "s"
and 0.5 mm² - 0.75 mm²
"insulated ferrule, 10 mm"
- ② 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Section 14)
- ③ Strip length, see packaging or instructions.

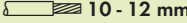
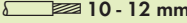
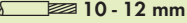


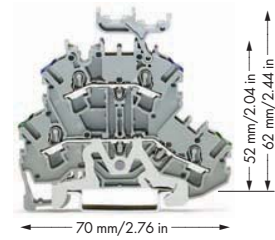
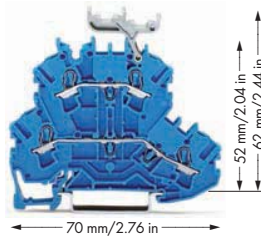
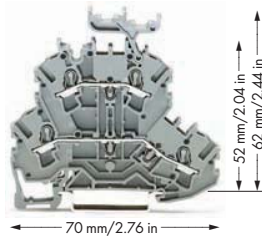
Double-deck terminal block assembly
A double-deck marker carrier can be fitted retrospectively to double-deck terminal blocks without marker carrier.

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

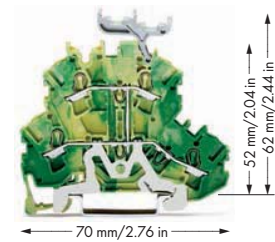
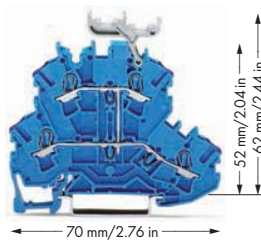
1 TOPJOB® Double-Deck Terminal Blocks 2.5 (4) mm² 2002 Series

72

0.25 - 2.5 (4) mm² ① 500 V/6 kV/3 ② I_N 24 A (28 A) AWG 22 - 12 300 V, 20 A ③ 600 V, 20 A ④ Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ⑤	0.25 - 2.5 (4) mm² ① 500 V/6 kV/3 ② I_N 24 A (28 A) AWG 22 - 12 300 V, 20 A ③ 600 V, 20 A ④ Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ⑤	0.25 - 2.5 (4) mm² ① 500 V/6 kV/3 ② I_N 24 A (28 A) AWG 22 - 12 300 V, 20 A ③ 600 V, 20 A ④ Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ⑤
---	---	---

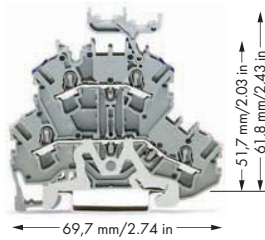


Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Through/through terminal block, with marker carrier, gray housing		Through/through terminal block, with marker carrier, blue housing		Ground conductor/through terminal block, with marker carrier, gray housing	
○ L/L ⑤	2002-2231 ⑤ 50	● N/N ⑤	2002-2234 ④ ⑤ 50	○ PE/N ⑤	2002-2247 ⑤ 50
○ N/L ⑤	2002-2232 ⑤ 50			○ PE/L ⑤	2002-2257 ⑤ 50
○ L/N ⑤	2002-2233 ⑤ 50				
Through/through terminal block, without marker carrier, gray housing		Through/through terminal block, without marker carrier, blue housing		Ground conductor/through terminal block, without marker carrier, gray housing	
○ L/L ⑤	2002-2201 ⑤ 50	● N/N ⑤	2002-2204 ④ ⑤ 50	○ PE/N ⑤	2002-2217 ⑤ 50
○ N/L ⑤	2002-2202 ⑤ 50			○ PE/L ⑤	2002-2227 ⑤ 50
○ L/N ⑤	2002-2203 ⑤ 50				
Other terminal blocks with the same profile:					
Diode	2002-2211/1000-410	Page 124			
LED	2002-2221/1000-434	Page 124			



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

0.25 - 2.5 [4] mm² ① AWG 22 - 12
500 V/6 kV/3 ②
I_N 24 A (28 A)
Terminal block width 5.2 mm / 0.205 in
③ 10 - 12 mm / 0.43 in



Double-deck terminal block assembly

- ① Conductor sizes: 0.25 mm² - 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² - 4 mm² "s" and 0.75 mm² - 2.5 mm² "insulated ferrule, 12 mm"
- ② 500 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ③ Strip length, see packaging or instructions.
- ④ Suitable for Ex i applications
- ⑤ Suitable for Ex e II applications
440 V, 20 A
Jumper 18 A
(also see Section 14)
- ⑥ See application notes for:
Ex e/Ex i separator plate, page 52
Colored push-in type jumper bars, page 139
Vertical jumper, page 142

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



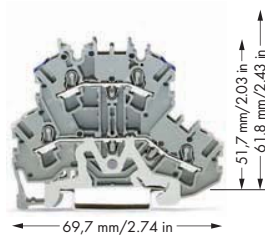
The ground conductor or shield terminal blocks have a contact foot in the bottom level, automatically establishing direct contact to the carrier rail.

The flexible double-deck marker carrier, which is placed above the wiring levels, can be pushed aside during the wiring or commoning operation. The marker carrier has two levels for two different WMB markers relating to the two decks of the terminal blocks.

With a terminal block width of only 5.2mm an effective width of only 2.6mm for terminal blocks of same or different potentials can be realized for conductor sizes from 0.25 mm² to 4 mm² (22-12 AWG).

For protection against external interfering signals, an increasing number of shielded control cables are being used.

Shield terminal blocks for front-entry are suitable for connecting the cable braid. Like ground conductor terminal blocks for front-entry, they are equipped with a grounding foot for direct electrical connection to the rail, however they differ significantly by their white insulated housing. Shield terminal blocks can be directly mounted beside signal-conductor terminal blocks and provide excellent deflection of interfering signals.



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

2002 Series Accessories

Appropriate marking system (see Section 13)

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

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

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

Insulation stop,			
	5 pcs/strip, 0.25 - 0.5 mm 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,			
⑥	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)




Double-deck vertical jumper, insulated,			
⑥	I _N 24 A, light gray	2002-492	100 (4x25)

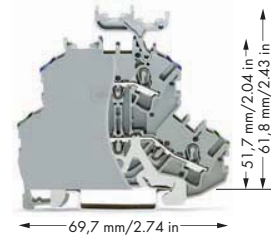
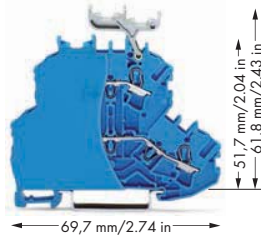
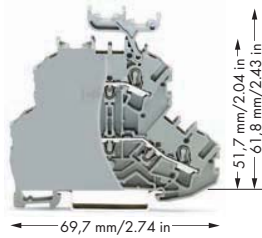
1 TOPJOB® S

Double-Deck Terminal Blocks 2.5 (4) mm²

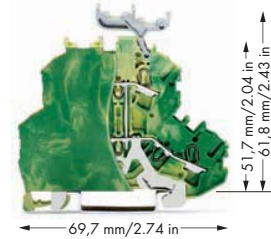
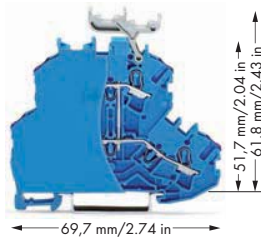
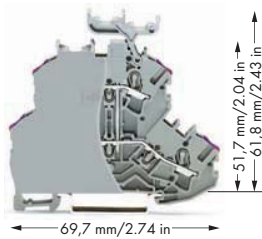
2002 Series

74


0.25 - 2.5 (4) mm² ① AWG 22 - 12 800 V/8 kV/3 ② I_N 24 A Terminal block width 6.2 mm / 0.244 in  10 - 12 mm / 0.43 in ③	0.25 - 2.5 (4) mm² ① AWG 22 - 12 800 V/8 kV/3 ② I_N 24 A Terminal block width 6.2 mm / 0.244 in  10 - 12 mm / 0.43 in ③	0.25 - 2.5 (4) mm² ① AWG 22 - 12 800 V/8 kV/3 ② I_N 24 A Terminal block width 6.2 mm / 0.244 in  10 - 12 mm / 0.43 in ③
--	--	--

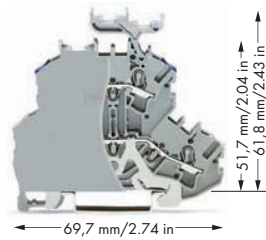


Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit		
Through/through terminal block, with end plate, with marker carrier, gray housing		Through/through terminal block, with end plate, with marker carrier, blue housing		Ground conductor/through terminal block, with end plate, with marker carrier, gray housing			
○ L/L	2002-2231/099-000	50	● N/N	2002-2234/099-000 ④	50		
○ N/L	2002-2232/099-000	50			○ PE/N	2002-2247/099-000	50
○ L/N	2002-2233/099-000	50			○ PE/L	2002-2257/099-000	50
Through/through terminal block, with end plate, without marker carrier, gray housing		Through/through terminal block, with end plate, without marker carrier, blue housing		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 ④	50		
○ N/L	2002-2202/099-000	50			○ PE/N	2002-2217/099-000	50
○ L/N	2002-2203/099-000	50			○ PE/L	2002-2227/099-000	50
Other terminal blocks with the same profile:							
Diode	2002-2211/1000-410	Page 124					
LED	2002-2221/1000-434	Page 124					



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

0.25 - 2.5 [4] mm² ① AWG 22 - 12
 800 V/8 kV/3 ②
 I_N 24 A
 Terminal block width 6.2 mm / 0.244 in
 10 - 12 mm / 0.43 in ③



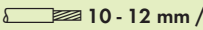
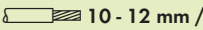
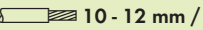
Protective warning marker and insulation stop must be applied individually. Due to the 6.2 mm/0.244 in width of double-deck terminal blocks with end plate, 2004 Series jumpers must be used.

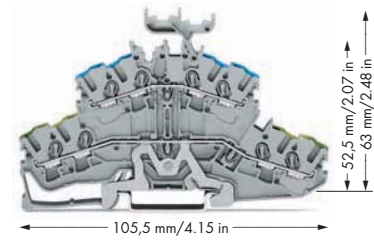
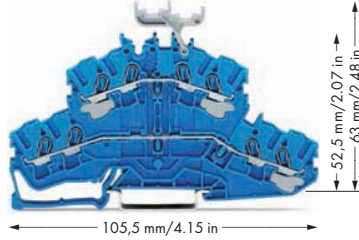
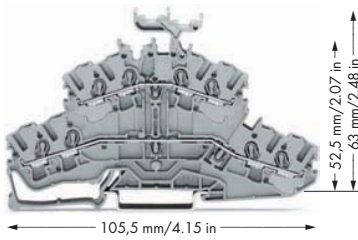
- ① Conductor sizes: 0.25 mm² - 4 mm² "s + f-st"; Push-in conductor sizes: 0.75 mm² - 4 mm² "s" and 0.75 mm² - 2.5 mm² "insulated ferrule, 12 mm"
- ② 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(see Section 14)
- ③ Strip length, see packaging or instructions.
- ④ Suitable for Ex i applications
- ⑤ See application notes for: Vertical jumper, page 142

Item No.	Pack. Unit	2002 Series Accessories	
Shield conductor/through terminal block, with end plate, with marker carrier, gray housing		Appropriate marking systems: WMB/Marking strips/WMB Inline (see Section 13)	
○ Shield/N	2002-2248/099-000	50	
○ Shield/L	2002-2258/099-000	50	
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	
		Test plug adapter, for test plug 4 mm Ø	
		gray 2009-174 100 (4x25)	
		Double-deck marker carrier, pivoting	
		gray 2002-121 50 (2x25)	
		Banana plug, for socket 4 mm Ø, color mixed	
		215-111 50	
		Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm ²	
		light gray 2002-171 200 (8x25)	
		Test plug, with 500 mm cable, 2 mm Ø	
		red 210-136 50	
		Insulation stop, 5 pcs/strip, 0.75 - 1 mm ²	
		dark gray 2002-172 200 (8x25)	
		Test plug, with 500 mm cable, 2.3 mm Ø	
		yellow 210-137 50	
		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)	
		WMB Multi marking system, 10 strips with 10 markers per card, stretchable 5 - 5.2 mm	
		plain 793-5501 5	
		WMB Multi marking system, plain, 10 strips with 10 markers per card, stretchable 5 - 5.2 mm	
		yellow 793-5501/000-002	
		red 793-5501/000-005	
		blue 793-5501/000-006	
		gray 793-5501/000-007	
		orange 793-5501/000-012	
		light green 793-5501/000-017	
		green 793-5501/000-023	
		violet 793-5501/000-024	
		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)	
		Marking strip, plain, 11 mm wide, 50 m roll	
		white 2009-110 1	
		Double-deck vertical jumper, insulated, I _N 24 A	
		light gray 2002-492 100 (4x25)	
		Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks	
		yellow 2002-115 100 (4x25)	

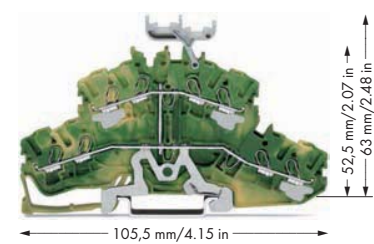
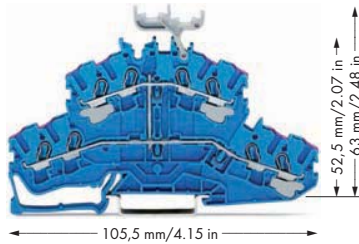
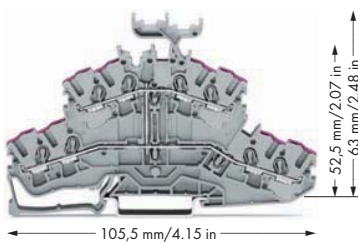
TOPJOB®

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)	AWG 22 - 12 600 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)	AWG 22 - 12 600 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)	AWG 22 - 12 600 V, 20 A ③ 600 V, 20 A ④
Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ⑤		Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ⑤		Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ⑤	

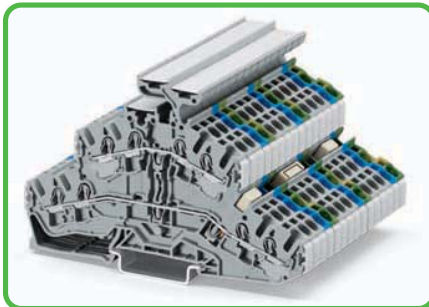


Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Through/through terminal block, with marker carrier, gray housing		Through/through terminal block, with marker carrier, blue housing		Ground conductor/through terminal block, with marker carrier, gray housing	
○ L/L	2002-2431	50	● N/N	2002-2434 ④	50
○ N/L	2002-2432	50			
○ L/N	2002-2433	50			
Through/through terminal block, without marker carrier, gray housing		Through/through terminal block, without marker carrier, blue housing		Ground conductor/through terminal block, without marker carrier, gray housing	
○ L/L	2002-2401	50	● N/N	2002-2404 ④	50
○ N/L	2002-2402	50			
○ L/N	2002-2403	50			
⑤ Approvals are pending					


















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

- ❶ Conductor sizes: 0.25 mm² - 4 mm² "s + f-st";
Push-in conductor sizes: 0.75 mm² - 4 mm² "s"
and 0.75 mm² - 2.5 mm²
"insulated ferrule, 12 mm"
- ❷ 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- ❸ Strip length, see packaging or instructions.
- ❹ Suitable for Ex i applications
- ❺ See application notes for:
Colored push-in type jumper bars, page 139
Vertical jumper, page 142



Double-deck terminal block assembly

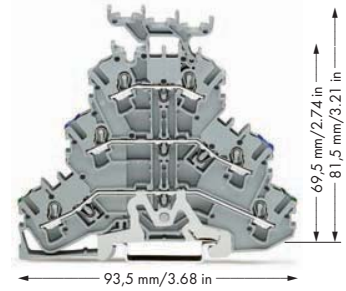
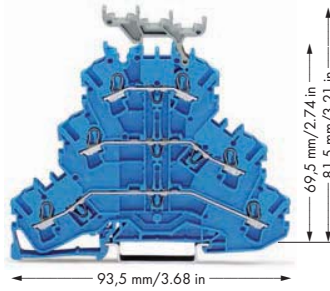
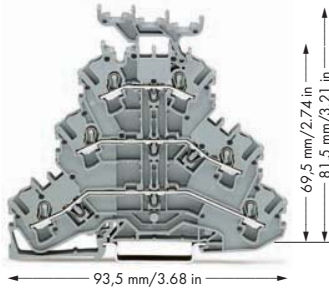
2002 Series Accessories		Appropriate marking systems: WMB/Marking strips/WMB Inline (see Section 13)	
End and intermediate plate, 0.8 mm thick  orange 2002-2492 100 (4x25) gray 2002-2491 100 (4x25)		Test plug adapter, for test plug 4 mm Ø  gray 2009-174 100 (4x25)	
Double-deck marker carrier, pivoting  gray 2002-121 50 (2x25)		Banana plug, for socket 4 mm Ø, color mixed  215-111 50	
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)		Test plug, with 500 mm cable, 2 mm Ø  red 210-136 50	
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)		Test plug, with 500 mm cable, 2.3 mm Ø  yellow 210-137 50	
		WMB Multi marking system, 10 strips with 10 markers per card, stretchable 5 - 5.2 mm  plain 793-5501 5	
		WMB Multi marking system, plain, 10 strips with 10 markers per card, stretchable 5 - 5.2 mm  yellow 793-5501/000-002 red 793-5501/000-005 blue 793-5501/000-006 gray 793-5501/000-007 orange 793-5501/000-012 light green 793-5501/000-017 green 793-5501/000-023 violet 793-5501/000-024 5	
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 light gray 2002-492 100 (4x25)		WMB Inline, plain, stretchable 5 - 5.2 mm, 1,500 WMB markers, 5 mm, on roll white 2009-115 1	
Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks  yellow 2002-115 100 (4x25)		Marking strip, plain, 11 mm wide, 50 m roll white 2009-110 1	
		TOPJOB®S group marker carrier, snap-on type for jumper slot, 5 mm wide  gray 2009-191 50 (2x25)	

TOPJOB® Triple-Deck Terminal Blocks 2.5 (4) mm² 2002 Series

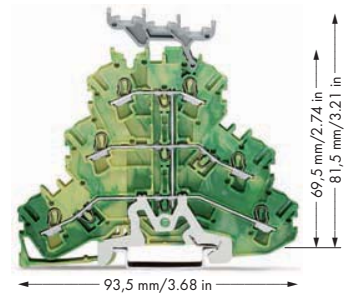
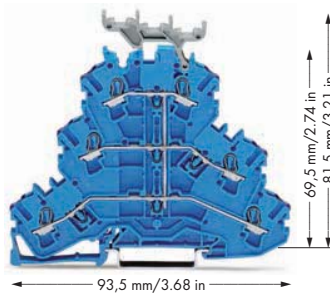
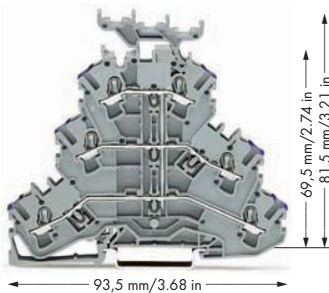
0.25 - 2.5 (4) mm² ① AWG 22 - 12
500 V/6 kV/3 ② 300 V, 20 A ③
I_N 24 A (28 A) | 600 V, 20 A ④
Terminal block width 5.2 mm / 0.205 in
10 - 12 mm / 0.43 in ⑤

0.25 - 2.5 (4) mm² ① AWG 22 - 12
500 V/6 kV/3 ② I_N 24 A (28 A) | 600 V, 20 A ④
Terminal block width 5.2 mm / 0.205 in
10 - 12 mm / 0.43 in ⑤

0.25 - 2.5 (4) mm² ① AWG 22 - 12
500 V/6 kV/3 ② I_N 24 A (28 A)
Terminal block width 5.2 mm / 0.205 in
10 - 12 mm / 0.43 in ⑤



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



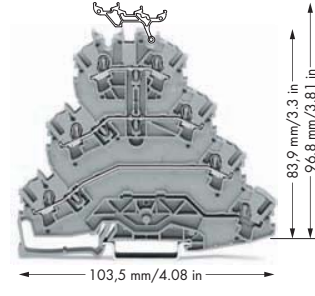
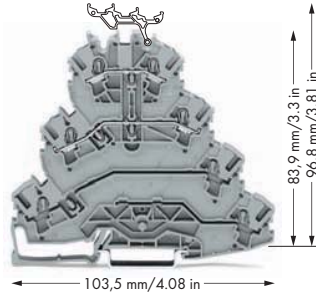
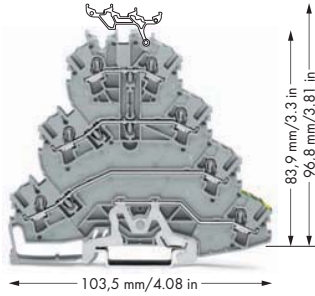
Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
6-conductor through terminal block, with marker carrier, internal commoning, conductor entry position colored in violet, gray housing		6-conductor through terminal block, with marker carrier, internal commoning, conductor entry position colored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

Quadruple-Deck, Rail-Mounted Terminal Blocks or Rail-Mounted Terminal Blocks for Wiring of Electric Motors, 2002 Series

0.25 - 2.5 (4) mm² ① AWG 22 - 12
800 V/8 kV/3 ②
I_N 20 A (25 A)
Terminal block width 5.2 mm / 0.205 in
10 - 12 mm / 0.43 in ③

0.25 - 2.5 (4) mm² ① AWG 22 - 12
800 V/8 kV/3 ②
I_N 20 A (25 A)
Terminal block width 5.2 mm / 0.205 in
10 - 12 mm / 0.43 in ③















0.25 - 2.5 (4) mm² ① AWG 22 - 12
800 V/8 kV/3 ②
I_N 20 A (25 A)
Terminal block width 5.2 mm / 0.205 in
10 - 12 mm / 0.43 in ③



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, without marker carrier, gray ● L1 - L2 - L3 - PE 2002-4127 25		Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, without marker carrier, gray ● L1 - L2 2002-4111 25		Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, without marker carrier, gray ● L1 - L2 - L3 2002-4101 25	
Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, with marker carrier, gray ● L1 - L2 - L3 - PE 2002-4157 25		Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, with marker carrier, gray ● L1 - L2 2002-4141 25		Quadruple-deck, rail-mounted terminal block or Rail-mounted terminal block for wiring of electric motors, with marker carrier, gray ● L1 - L2 - L3 2002-4131 25	

2002 Series Accessories

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

End and intermediate plate, 1 mm thick  <ul style="list-style-type: none"> orange 2002-4192 100 (4x25) gray 2002-4191 100 (4x25) 	Protective warning marker,  <ul style="list-style-type: none"> with high-voltage symbol, black, for 5 terminal blocks yellow 2002-115 100 (4x25) 	Staggered jumper,  <ul style="list-style-type: none"> 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)
Insulation stop,  <ul style="list-style-type: none"> 5 pcs/strip, 0.25 - 0.5 mm² light gray 2002-171 200 (8x25) 	Lockout cap,  <ul style="list-style-type: none"> for conductor entry hole and operating slot orange 2002-192 25 gray 2002-191 25 blue 2002-194 25 	
Insulation stop,  <ul style="list-style-type: none"> 5 pcs/strip, 0.75 - 1 mm² dark gray 2002-172 200 (8x25) 		
Push-in type jumper bar, insulated,  <ul style="list-style-type: none"> 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,  <ul style="list-style-type: none"> 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) 	
Star point jumper, insulated,  <ul style="list-style-type: none"> I_N = I_N terminal block, light gray 1-3-5 2002-405/011-000 100 (4x25) 	Adjacent jumper for continuous commoning,  <ul style="list-style-type: none"> insulated, I_N 25 A, light gray 2-way 2002-400 100 (4x25) 	WMB Inline, plain,  <ul style="list-style-type: none"> stretchable 5 - 5.2 mm, 1,500 WMB markers, 5 mm, on roll white 2009-115 1
Delta jumper, insulated,  <ul style="list-style-type: none"> I_N = I_N terminal block, light gray 1-2 3-4 5-6 2002-406/020-000 100 (4x25) 	Triple-deck marker carrier,  <ul style="list-style-type: none"> pivoting gray 2002-131 50 (2x25) 	Marking strip, plain,  <ul style="list-style-type: none"> 11 mm wide, 50 m roll white 2009-110 1

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