

TOPJOB® S Multilevel Installation Terminal Blocks with N-Disconnect Slide Links

2.5 (4) mm², 2003 Series

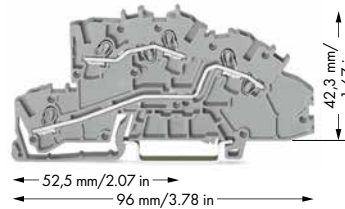
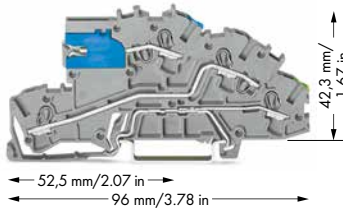
0.25 ... 2.5 (4) mm² ① | 22 ... 12 AWG
250 V/4 kV/3; 32 A (32 A) ② ③
400 V/6 kV/3; 32 A (32 A) ② ④

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

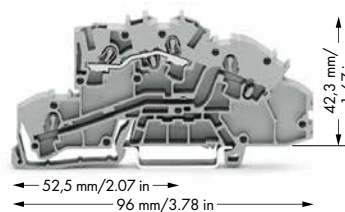
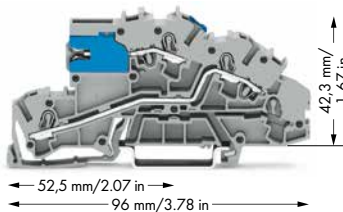
0.25 ... 2.5 (4) mm² ① | 22 ... 12 AWG
400 V/6 kV/3 ②
I_N 32 A

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

For the construction and operation of power installations in fire-prone, hazardous locations or public buildings – such as conference centers, stores, hospitals, schools, theaters or hotels – the DIN VDE 0100-710 or DIN VDE 0100-718 standards shall be observed. DIN VDE 0100-482 shall also be observed for fire-prone, hazardous locations. These VDE regulations mandate that every neutral conductor must be provided with a disconnection device so, e.g., insulation resistance measurement is possible for every circuit without disconnecting the N-conductor. WAGO N-disconnect terminal blocks meet this requirement.



Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories
Multilevel installation terminal block, with N-disconnect slide link, gray		Multilevel installation terminal block, gray		
○ NT/L/PE 2003-7641	50	○ L/L 2003-7642	50	Straight busbar, tin-plated, 1000 mm long, copper (10 x 3) mm I _N 140 A 210-133 1
		○ N/L 2003-7649	50	



Item No.	Pack. Unit	Item No.	Pack. Unit	Accessories
Multilevel installation terminal block, with N-disconnect slide link, gray		Multilevel installation terminal block, gray		Connector, for N-busbar, 2.5 ... 35 mm ² unplated 209-105 50
○ NT/L 2003-7640	50	○ L 2003-7650	50	Lock-out, prevents reclosing of slide link, snap-on type orange 2003-7300 100 (4x25)
○ LT/L 2003-7659	50	○ N 2003-7651	50	Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ² light gray 2002-171 200 (8x25)
Multilevel installation terminal block, gray				Insulation stop, 5 pcs/strip, 0.75 ... 1 mm ² dark gray 2002-172 200 (8x25)
○ N/L/PE 2003-7646	50			Test plug, with 500 mm cable, 2 mm Ø, max. 42 V red 210-136 50
○ L/L/PE 2003-7645	50			Test plug, with 500 mm cable, 2.3 mm Ø, max. 42 V yellow 210-137 50

2003 Series Accessories

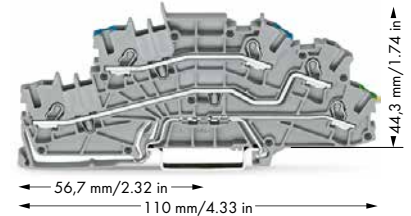
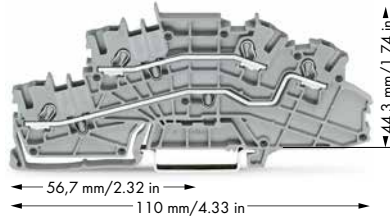
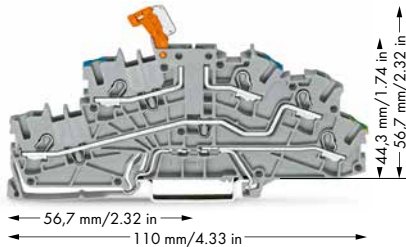
Appropriate marking systems: WMB/WMB Inline/Marking strips



Busbar carrier, not suitable as end stop, snaps onto DIN-35 rail, 1.5 mm thick blue 2009-304 100 (4x25)	Busbar carrier, can replace end bracket, with detachable separator plate, snaps onto DIN-35 rail, 7.5 mm thick blue 2009-305 25	
End and intermediate plate, 0.8 mm thick orange 2003-7692 100 (4x25)	Busbar cover, 1000 mm long transparent 777-303 1	

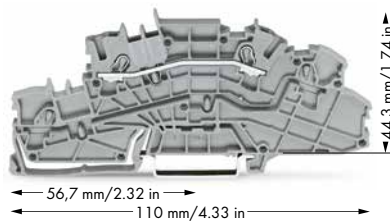
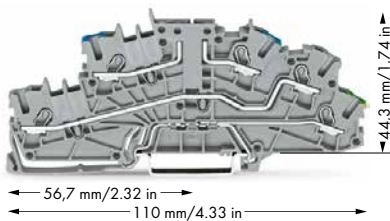
TOPJOB® S Multilevel Installation Terminal Blocks with Internal N-Disconnection



2.5 (4) mm², 2003 Series

<p>0.25 ... 2.5 (4) mm² ① 22 ... 12 AWG 250 V/4 kV/3; 20 A (25 A) ② ③ 400 V/6 kV/3; 20 A (25 A) ② ④</p> <p>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 400 V/6 kV/3 ② I_N 24 A (28 A)</p> <p>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 250 V/4 kV/3; 24 A (28 A) ② ③ 400 V/6 kV/3; 24 A (28 A) ② ④</p> <p>Terminal block width 5.2 mm / 0.205 inch 10 ... 12 mm / 0.39 ... 0.47 inch</p>
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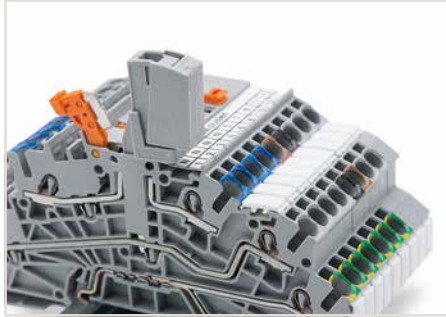


Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
Multilevel installation terminal block, with pivoting knife disconnect, gray		Multilevel installation terminal block, gray		Multilevel installation terminal block, gray	
○ NTi/L/PE 2003-6641	50	○ L/L 2003-6642	50	○ N/L/PE 2003-6646	50
○ LTi/L/PE 2003-6644	50	○ N/L 2003-6649	50	○ L/L/PE 2003-6645	50
Item-Specific Accessories					
Test plug adapter N/L, for vertical test slot, gray					
	2-pole	2003-499	100 (4x25)		
Test plug adapter N, for vertical test slot, gray					
	1-pole	2003-500	100 (4x25)		

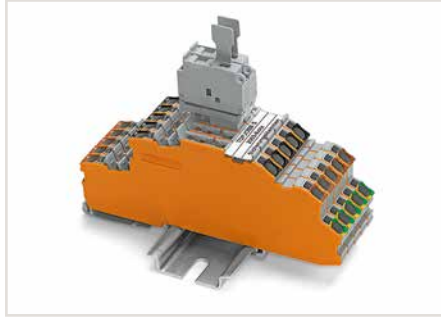


Item No.	Pack. Unit	Item No.	Pack. Unit
Multilevel installation terminal block, carrier terminal block without knife disconnect, gray, I _N 10 A Maximum current depends on accessories used.		Multilevel installation terminal block, gray	
○ N/L/PE 2003-6640	50	○ L 2003-6650	50
Black upper-deck, brown middle-deck, green-yellow lower-deck printing		○ N 2003-6651	50
○ P2/P1/PE 2003-6643	50		
Brown upper-deck, black middle-deck, green-yellow lower-deck printing			
○ P1/P2/PE 2003-6660	50		
Item-Specific Accessories			
Fuse plug with pull-tab, for (5 x 20) mm miniature metric fuses			
	Electrical ratings are given by the fuse.		
	gray	2004-911	50
End and intermediate plate, only for use with fuse plugs, 1 mm thick			
	orange	2003-6693	100 (4x25)

TOPJOB® S Multilevel Installation Terminal Block Accessories














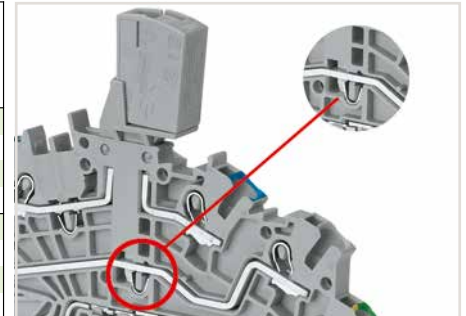
For multilevel installation terminal blocks with internal N-disconnection, test plug adapters can be inserted into the free vertical test slot when the N-potential is disconnected.



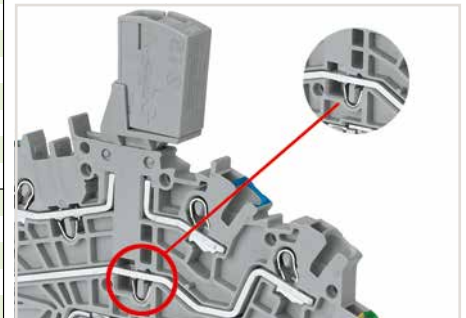
Single-fuse plugs can be used in combination with 1 mm thick end and intermediate plates on carrier terminal blocks without N-knife disconnect.

- 1 Conductor range: 0.25 ... 4 mm² "s + fst";
Push-in termination: 0.75 ... 4 mm² "s"
and 0.75 ... 2.5 mm²
"insulated ferrules, 12 mm"
- 2 250 V/
400 V = rated voltage
4 kV/
6 kV = rated surge voltage
3 = pollution degree
(see Full Line Catalog, Volume 1, Section 14)
- 3 250 V/4 kV potential - ground
- 4 400 V/6 kV potential - potential
- 5 See application notes for:
Colored push-in type jumper bar, page 188
Adjacent jumper for continuous commoning, page 191
Staggered jumper, page 190
Push-in type wire jumper, page 192

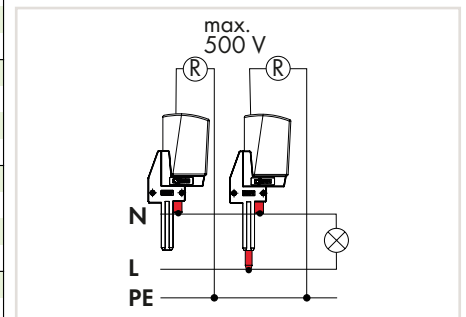
Accessories Multilevel Installation Terminal Block	
Push-in type jumper bars and staggered jumpers, see 2002 Series	
End and intermediate plate, for use without fuse plug, 0.8 mm thick  orange 2003-6692 100 (4x25)	Insulation stop, 5 pcs/strip, 0.25 ... 0.5 mm ²  light gray 2002-171 200 (8x25)
End and intermediate plate, 1 mm thick, only for use with double-fuse plugs  orange 2003-6694 100 (4x25)	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 	Staggered jumper, insulated, I _N 25 A, light gray 5 
2-way 2002-402 200 (8x25)	2-way 2002-472 100 (4x25)
3-way 2002-403 200 (8x25)	3-way 2002-473 100 (4x25)
4-way 2002-404 200 (8x25)	4-way 2002-474 100 (4x25)
5-way 2002-405 100 (4x25)	5-way 2002-475 50 (2x25)
6-way 2002-406 100 (4x25)	6-way 2002-476 50 (2x25)
7-way 2002-407 100 (4x25)	7-way 2002-477 50 (2x25)
8-way 2002-408 100 (4x25)	8-way 2002-478 50 (2x25)
9-way 2002-409 100 (4x25)	9-way 2002-479 50 (2x25)
10-way 2002-410 100 (4x25)	10-way 2002-480 50 (2x25)
Push-in type jumper bar, insulated, I _N 25 A, light gray 	11-way 2002-481 50 (2x25)
from 1 to 3 2002-433 200 (8x25)	12-way 2002-482 50 (2x25)
from 1 to 4 2002-434 200 (8x25)	Push-in type wire jumper, insulated, I _N 16 A, wire size 4 
from 1 to 5 2002-435 100 (4x25)	1.5 mm ²
from 1 to 6 2002-436 100 (4x25)	L = 60 mm 2009-412 100 (10x10)
from 1 to 7 2002-437 100 (4x25)	L = 110 mm 2009-414 100 (10x10)
from 1 to 8 2002-438 100 (4x25)	L = 250 mm 2009-416 100 (10x10)
from 1 to 9 2002-439 100 (4x25)	
from 1 to 10 2002-440 100 (4x25)	
Adjacent jumper for continuous commoning, insulated, I _N 5  25 A, light gray	WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable
2-way 2002-400 100 (4x25)	plain 793-5501 5
Operating tool, 3.5 mm and 2.5 mm blade width, for TOPJOB® S installation terminal blocks  2009-309 1	WMB Inline, plain, 1,500 WMB markers (5 mm) per reel, 5 ... 5.2 mm stretchable
Operating tool, 3.5 mm and 5.5 mm blade width, for TOPJOB® S installation terminal blocks  2009-310 1	white 2009-115 1
	Marking strip, plain, 11 mm wide, 50 m reel
	white 2009-110 1



Multilevel installation terminal block fitted with an N/L-test plug adapter for quick and safe insulation resistance measurement of the connected N- and L-potentials



Multilevel installation terminal block fitted with an N-test plug adapter for insulation resistance measurement of the N-potential

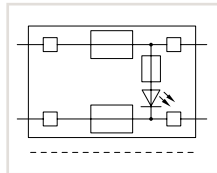
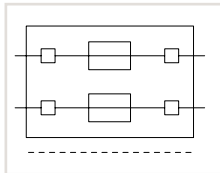


TOPJOB® S Double-Fuse Plugs (2003 Series) on Carrier Terminal Blocks (2002 and 2003 Series)

<p>Double fuse plug for (5 x 25) mm miniature metric fuse</p> <p>250 V / I_N 6.3 A</p> <p>Plug width 10.4 mm / 0.409 inch</p>	<p>Double fuse plug for (5 x 25) mm miniature metric fuse</p> <p>250 V / I_N 6.3 A</p> <p>Plug width 10.4 mm / 0.409 inch</p>
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- ① Length of 2002-1661: 66.5 mm / 2.62 inch
2-conductor carrier terminal block
- ② Length of 2002-1761: 76.8 mm / 3.02 inch
3-conductor carrier terminal block
- ③ Length of 2002-1861: 87.5 mm / 3.45 inch
4-conductor carrier terminal block
- ④ Length of 2002-1961: 72.9 mm / 2.87 inch
2-conductor carrier terminal block with additional jumper position
- ⑤ Length of 2002-2961: 108 mm / 4.25 inch
Double-deck carrier terminal block
- ⑥ Length of 2003-6640: 110 mm / 4.33 inch
Multilevel installation terminal block



Accessories

Item No.	Pack. Unit	Item No.	Pack. Unit
Double-fuse plug, for (5 x 20) mm miniature metric fuse, 10.4 mm wide Electrical ratings are given by the fuse.		Double-fuse plug, for (5 x 20) mm miniature metric fuse, with LED, gray Electrical ratings are given by the fuse and blown fuse indication. LED 0.25 mA	
○ gray	2003-911 25	○ 230 V	2003-911/1000-923 25

Multilevel installation terminal block, gray ⑥ 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch N/L/PE	2003-6640 50
Multilevel installation terminal block, gray 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch P2/P1/PE	2003-6643 50
Multilevel installation terminal block, gray 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch P1/P2/PE	2003-6660 50
End and intermediate plate, 1 mm thick orange	2003-6692 100 (4x25)
End and intermediate plate, 1 mm thick, only for use with double-fuse plugs orange	2003-6694 100 (4x25)

Accessories

Appropriate marking systems: 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	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 plate for fuse terminal blocks, 2 mm thick orange	2002-992 100 (4x25)
End and intermediate plate, 1 mm thick orange	2002-1692 100 (4x25)	End and intermediate plate, 1 mm thick orange	2002-1992 100 (4x25)	gray	2002-991 100 (4x25)
gray	2002-1691 100 (4x25)	gray	2002-1991 100 (4x25)	Shorting link, (5 x 20) mm, allows the fuse plug to be used as a disconnect plug I _N 6.3 A	281-503 250 (10x25)
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	Double-deck carrier terminal block, ⑤ 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch L/L	2002-2961 50	WMB Multi marking system, white, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable plain	793-5501 5
End and intermediate plate, 1 mm thick orange	2002-1792 100 (4x25)	Double-deck carrier terminal block, 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch L/N	2002-2963 50	WMB Multi marking system, plain, 10 strips with 10 markers per card, 5 ... 5.2 mm stretchable yellow	793-5501/000-002
gray	2002-1791 100 (4x25)	Double-deck carrier terminal block, 0.25 ... 2.5 (4) mm ² / 22 ... 12 AWG Terminal block width 5.2 mm / 0.205 inch L/L	2002-2941 50	red	793-5501/000-005
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	2002-2992 100 (4x25)	blue	793-5501/000-006
End and intermediate plate, 1 mm thick orange	2002-1892 100 (4x25)	gray	2002-2991 100 (4x25)	gray	793-5501/000-007
gray	2002-1891 100 (4x25)			orange	793-5501/000-012
				light green	793-5501/000-017
				green	793-5501/000-023
				violet	793-5501/000-024



Double-fuse plugs with (5 x 25) mm miniature metric fuses can be used on carrier terminal blocks without N-knife disconnect in standard terminal block width.

Miniature metric fuses 5 x 20

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
Fuse terminal blocks				
2003-911				
2003-911/.....	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.