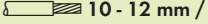
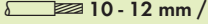
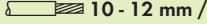
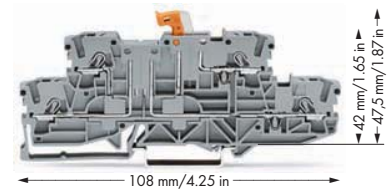
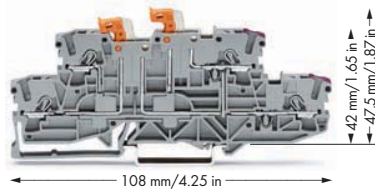
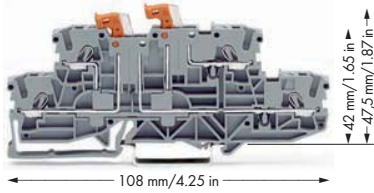


Double-Deck Disconnect Terminal Blocks for Test and Measurement

2.5 (4) mm², 2002 Series

0.25 - 2.5 (4) mm ² ① 400 V/6 kV/3 ② I _N 16 A	AWG 22 - 12 300 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	AWG 22 - 12 300 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	AWG 22 - 12 300 V, 15 A ③ 300 V, 15 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
Double-deck, double-disconnect terminal block, with 2 movable knife disconnects, gray housing		Double-deck, double-disconnect terminal block, with 2 movable knife disconnects, lower and upper decks internally commoned on right side and with violet marking, gray housing		Double-deck disconnect terminal block, with movable 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 2 movable knife disconnects, blue housing		Double-deck, double-disconnect terminal block, with 2 movable knife disconnects, lower and upper decks internally commoned on right side and with violet marking, blue housing		Double-deck disconnect terminal block, with movable 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 (see Section 13)

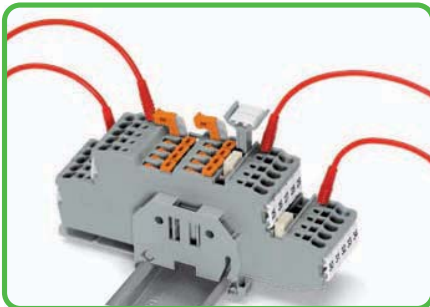
End and intermediate plate, 1 mm thick orange 2002-2992 100 (4x25) gray 2002-2991 100 (4x25)	Push-in type jumper bar, insulated, I _N 25 A, light gray from 1 to 3 2002-433 200 (8x25) from 1 to 4 2002-434 200 (8x25) from 1 to 5 2002-435 100 (4x25) from 1 to 6 2002-436 100 (4x25) from 1 to 7 2002-437 100 (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)	Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks yellow 2002-115 100 (4x25)
Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm ² light gray 2002-171 200 (8x25)		Modular TOPJOB®S connector, ④ can be snapped together, for jumper contact slot gray 2002-511 100 (4x25)
Insulation stop, 5 pcs/strip, 0.75 - 1 mm ² dark gray 2002-172 200 (8x25)		Spacer module, can be snapped together, e.g., for bridging commoned terminal blocks gray 2002-549 100 (4x25)
Push-in type jumper bar, insulated, ④ 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)	Staggered jumper, ④ 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)	End plate, for modular TOPJOB®S connectors, 1.5 mm thick gray 2002-541 100 (4x25)
Push-in type wire jumper, ④ insulated, I _N 16 A, wire size 1.5 mm ² L = 60 mm 2009-412 100 (10x10) L = 110 mm 2009-414 100 (10x10) L = 250 mm 2009-416 100 (10x10)	Adjacent jumper for continuous commoning, ④ insulated, I _N 25 A, light gray 2-way 2002-400 100 (4x25)	Test plug, with 500 mm cable, 2 mm Ø red 210-136 50
		Test plug adapter, for test plug 4 mm Ø gray 2009-174 100 (4x25)
		Testing tap, for max. 2.5 mm ² gray 2009-182 100 (4x25)
		Banana plug, for socket 4 mm Ø, color mixed 215-111 50

Double-Deck Disconnect Terminal Blocks with Movable Knife Disconnect

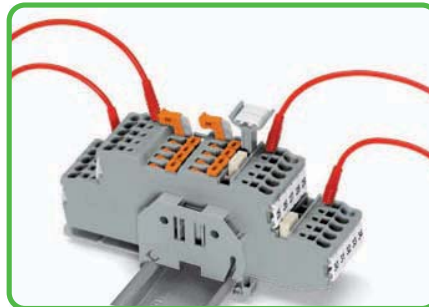


Terminal block assembly

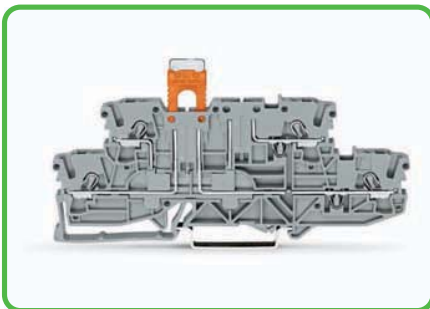
- 1 Conductor sizes: 0.25 mm² – 4 mm² "s + f-st";
Push-in conductor sizes: 0.75 mm² – 4 mm² "s"
and 0.75 mm² – 2.5 mm²
"insulated ferrules, 12 mm"
- 2 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- 3 Strip length, see packaging or instructions.
- 4 See application notes for:
Colored push-in type jumper bars, page 139
Star point jumper, page 140
Delta jumper, page 140
Staggered jumper, page 141
Adjacent jumper for continuous commoning,
page 139
Push-in type wire jumper, page 140
TOPJOB®S connector, page 134
TOPJOB®S L-type test plug module, page 136



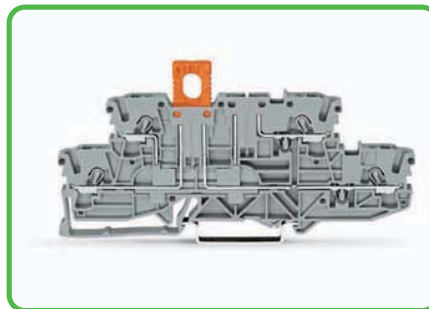
Testing with test plug 2 mm Ø.



Group marker carrier accommodated in jumper contact slot.



Carrier terminal block 2002-2961 with disconnect plug 2002-401 in parked position.



Carrier terminal block 2002-2961 with disconnect plug 2002-401 in operating position.

Accessories

WMB Multi marking system,

10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain	793-5501	5
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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	

WMB Inline, plain,

stretchable 5 - 5.2 mm, 1,500 WMB markers, 5 mm, on roll white	2009-115	1
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TOPJOB®S group marker carrier,

snap-on type for jumper slot, 5 mm wide		
gray	2009-191	50 (2x25)

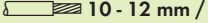
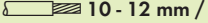
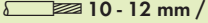
Screwless end stop,

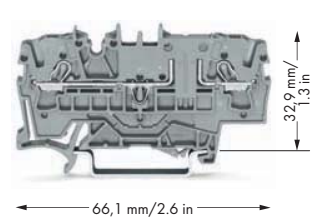
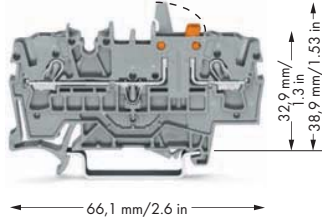
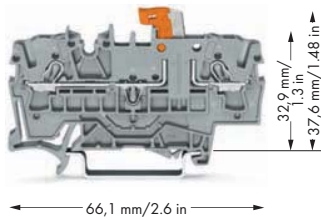
for DIN 35 rail, 6 mm wide		
gray	249-116	100 (4x25)

Screwless end stop,

for DIN 35 rail, 10 mm wide		
gray	249-117	50 (2x25)

Disconnect Terminal Blocks for Test and Measurement, Through Terminal Blocks of Same Profile 2.5 (4) mm², 2002 Series

<p>0.25 - 2.5 (4) mm² ① AWG 22 - 12 400 V/6 kV/3 ② I_N 16 A</p> <p>Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ③</p>	<p>0.25 - 2.5 (4) mm² ① AWG 22 - 12 400 V/6 kV/3 ② I_N 16 A</p> <p>Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ③</p>	<p>0.25 - 2.5 (4) mm² ① AWG 22 - 12 400 V/6 kV/3 ② I_N 16 A</p> <p>Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ③</p>
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor disconnect terminal block for test and measurement, with test point, orange disconnect link		2-conductor disconnect terminal block for test and measurement 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 114
		Fuse		2002-1681	Page 98

2002 Series Accessories

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

<p>End and intermediate plate, 1 mm thick</p> <p>orange 2002-1692 100 (4x25) gray 2002-1691 100 (4x25)</p>	<p>Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks</p> <p>yellow 2002-115 100 (4x25)</p>	<p>Customized staggered jumper, insulated, I_N 25 A, light gray</p> <p>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>
<p>Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm²</p> <p>light gray 2002-171 200 (8x25)</p>	<p>Push-in type jumper bar, insulated, I_N 25 A, light gray</p> <p>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)</p>	
<p>Insulation stop, 5 pcs/strip, 0.75 - 1 mm²</p> <p>dark gray 2002-172 200 (8x25)</p>	<p>Staggered jumper, insulated, I_N 25 A, light gray</p> <p>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)</p>	<p>Adjacent jumper for continuous commoning, insulated, I_N 25 A, light gray</p> <p>2-way 2002-400 100 (4x25)</p>
<p>Push-in type jumper bar, insulated, I_N 25 A, light gray</p> <p>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)</p>	<p>Modular TOPJOB®S connector, can be snapped together, for jumper contact slot, gray</p> <p>2002-511 100 (4x25)</p>	<p>Spacer module, can be snapped together, e.g., for bridging commoned terminal blocks, gray</p> <p>2002-549 100 (4x25)</p>
<p>Push-in type wire jumper, insulated, I_N 16 A, wire size 1.5 mm²</p> <p>L = 60 mm 2009-412 100 (10x10) L = 110 mm 2009-414 100 (10x10) L = 250 mm 2009-416 100 (10x10)</p>	<p>End plate, for modular TOPJOB®S connectors, 1.5 mm thick, gray</p> <p>2002-541 100 (4x25)</p>	<p>TOPJOB®S test plug module, can be snapped together, gray</p> <p>2002-611 100 (4x25)</p>

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



One center and two side marker slots for WMB markers or marking strips. Dual jumper slots, in the same position as the 2002 Series terminal blocks. Commoning options in front of or behind the knife disconnect, depending on the power supply direction.

- 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 ferrules, 12 mm"
- 2 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- 3 Strip length, see packaging or instructions.
- 4 See application notes for:
Colored push-in type jumper bars, page 139
Staggered jumper, page 141
Adjacent jumper for continuous commoning, page 139
Push-in type wire jumper, page 140
TOPJOB®S connector, page 134
TOPJOB®S L-type test plug module, page 136

Accessories

Test plug adapter,



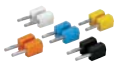
for test plug 4 mm Ø
gray 2009-174 100 (4x25)

Testing tap,



for max. 2.5 mm²
gray 2009-182 100 (4x25)

Banana plug,



for socket 4 mm Ø,
color mixed
215-111 50

Double-deck marker carrier,



pivoting
gray 2002-121 50 (2x25)

WMB Multi marking system,



10 strips with 10 markers per card,
stretchable 5 - 5.2 mm
plain 793-5501 5

WMB Inline, plain,

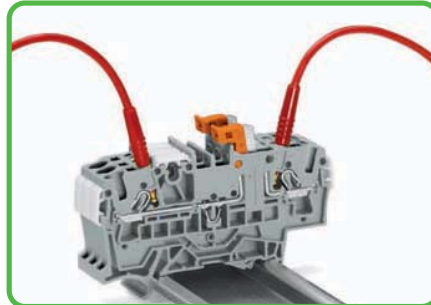


stretchable 5 - 5.2 mm,
1,500 WMB markers, 5 mm, on roll
white 2009-115 1

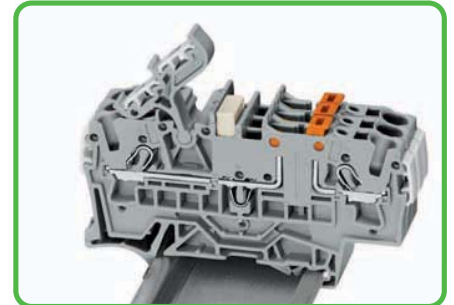
Marking strip, plain,



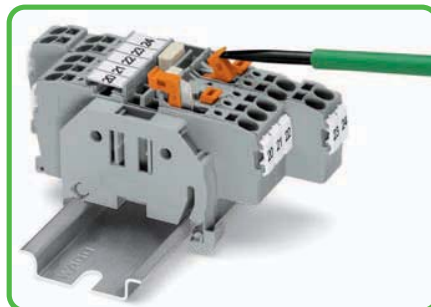
11 mm wide,
50 m roll
white 2009-110 1



Testing with test plug 2 mm Ø



Additional marking option via pivoting marking adapter



2- and 4-conductor disconnect terminal blocks for test and measurement
Opening the knife disconnect.



2- and 4-conductor disconnect terminal blocks for test and measurement
Closing the knife disconnect.

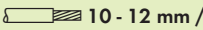


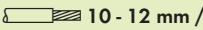


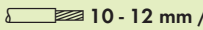




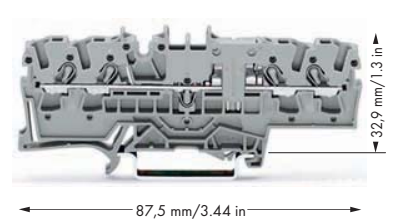
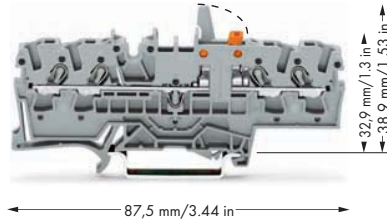
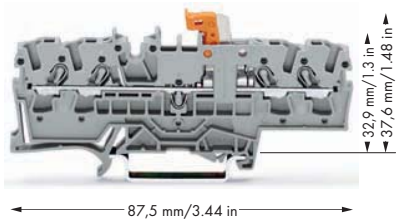
Carrier terminal block with disconnect plug in operating position.












Carrier terminal block with disconnect plug in parked position.

Disconnect Terminal Blocks for Test and Measurement, Through Terminal Blocks of Same Profile 2.5 (4) mm², 2002 Series
















0.25 - 2.5 (4) mm² ① 400 V/6 kV/3 ② I_N 16 A Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ③	AWG 22 - 12 300 V, 15 A  300 V, 15 A 	0.25 - 2.5 (4) mm² ① 400 V/6 kV/3 ② I_N 16 A Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ③	AWG 22 - 12 300 V, 15 A  300 V, 15 A 	0.25 - 2.5 (4) mm² ① 400 V/6 kV/3 ② I_N 16 A Terminal block width 5.2 mm / 0.205 in  10 - 12 mm / 0.43 in ③	AWG 22 - 12 300 V, 15 A  300 V, 15 A 
--	--	--	--	--	--



Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
4-conductor disconnect terminal block for test and measurement, with test point, orange disconnect link		4-conductor disconnect terminal block for test and measurement 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 114	
		Fuse		2002-1881 Page 98	

2002 Series Accessories

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

End and intermediate plate, 1 mm thick  orange 2002-1892 100 (4x25)  gray 2002-1891 100 (4x25)	Protective warning marker, with high-voltage symbol, black,  for 5 terminal blocks yellow 2002-115 100 (4x25)	Customized staggered jumper,  insulated, 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,  ④ 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,  ④ 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)	Modular TOPJOB®S connector,  ④ can be snapped together, for jumper contact slot gray 2002-511 100 (4x25)
Push-in type jumper bar, insulated,  ④ 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)	Spacer module, can be snapped together,  e.g., for bridging commoned terminal blocks gray 2002-549 100 (4x25)	End plate,  for modular TOPJOB®S connectors, 1.5 mm thick gray 2002-541 100 (4x25)
Push-in type wire jumper,  ④ insulated, I _N 16 A, wire size 1.5 mm ² L = 60 mm 2009-412 100 (10x10) L = 110 mm 2009-414 100 (10x10) L = 250 mm 2009-416 100 (10x10)	TOPJOB®S test plug module,  ④ can be snapped together gray 2002-611 100 (4x25)	

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



Carrier terminal block with disconnect plug in operating position.
Application example showing a 2-conductor carrier terminal block 2002-1661 with disconnect plug

- 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 ferrules, 12 mm"
- ② 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Section 14)
- ③ Strip length, see packaging or instructions.
- ④ See application notes for:
Colored push-in type jumper bars, page 139
Staggered jumper, page 141
Adjacent jumper for continuous commoning,
page 139
Push-in type wire jumper, page 140
TOPJOB®S connector, page 134
TOPJOB®S L-type test plug module, page 136

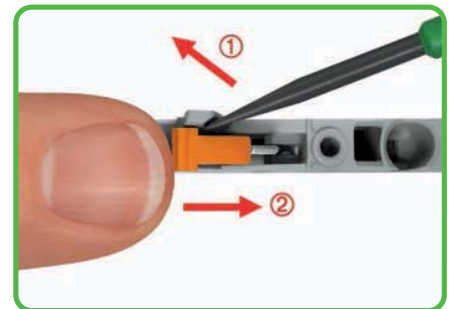


2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock
Open position

	Test plug adapter, for test plug 4 mm Ø gray 2009-174 100 (4x25)
	Testing tap, for max. 2.5 mm ² gray 2009-182 100 (4x25)
	Banana plug, for socket 4 mm Ø, color mixed 215-111 50
	Double-deck marker carrier, pivoting gray 2002-121 50 (2x25)
	WMB Multi marking system, 10 strips with 10 markers per card, stretchable 5 - 5.2 mm plain 793-5501 5
	Marking strip, plain, 11 mm wide, 50 m roll white 2009-110 1
	WMB Inline, plain, stretchable 5 - 5.2 mm, 1,500 WMB markers, 5 mm, on roll white 2009-115 1



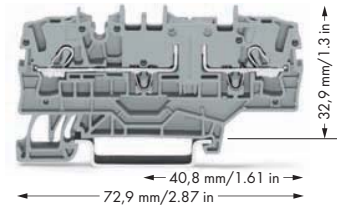
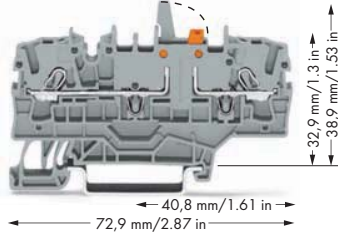
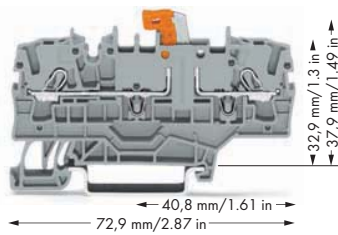
2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock
Top view



2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock
Closing of knife disconnect

Disconnect Terminal Blocks for Test and Measurement without and with Mechanical Interlock with Additional Jumper Position 2.5 (4) mm², 2002 Series

<p>0.25 - 2.5 (4) mm² ① AWG 22 - 12 400 V/6 kV/3 ② I_N 16 A</p> <p>Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ③</p>	<p>0.25 - 2.5 (4) mm² ① AWG 22 - 12 400 V/6 kV/3 ② I_N 16 A</p> <p>Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ③</p>	<p>0.25 - 2.5 (4) mm² ① AWG 22 - 12 400 V/6 kV/3 ② I_N 16 A</p> <p>Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ③</p>
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor disconnect terminal block for test and measurement, with test point, orange disconnect link, with additional jumper position		2-conductor disconnect terminal block for test and measurement with mechanical interlock, with test point, orange disconnect link, with additional jumper position		2-conductor through terminal block, with test point, with additional jumper position, 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 114	
				Fuse 2002-1981 Page 105	

2002 Series Accessories

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

<p>End and intermediate plate, 1 mm thick</p> <p>orange 2002-1992 100 (4x25)</p> <p>gray 2002-1991 100 (4x25)</p>	<p>Push-in type jumper bar, insulated,</p> <p>I_N 25 A, light gray</p> <p>from 1 to 3 2002-433 200 (8x25)</p> <p>from 1 to 4 2002-434 200 (8x25)</p> <p>from 1 to 5 2002-435 100 (4x25)</p> <p>from 1 to 6 2002-436 100 (4x25)</p> <p>from 1 to 7 2002-437 100 (4x25)</p> <p>from 1 to 8 2002-438 100 (4x25)</p> <p>from 1 to 9 2002-439 100 (4x25)</p> <p>from 1 to 10 2002-440 100 (4x25)</p>	<p>Protective warning marker,</p> <p>with high-voltage symbol, black, for 5 terminal blocks</p> <p>yellow 2002-115 100 (4x25)</p>
<p>Insulation stop,</p> <p>5 pcs/strip, 0.25 - 0.5 mm²</p> <p>light gray 2002-171 200 (8x25)</p>		<p>Test plug adapter,</p> <p>for test plug 4 mm Ø</p> <p>gray 2009-174 100 (4x25)</p>
<p>Insulation stop,</p> <p>5 pcs/strip, 0.75 - 1 mm²</p> <p>dark gray 2002-172 200 (8x25)</p>		<p>Testing tap,</p> <p>for max. 2.5 mm²</p> <p>gray 2009-182 100 (4x25)</p>
<p>Push-in type jumper bar, insulated,</p> <p>④ I_N 25 A, light gray</p> <p>2-way 2002-402 200 (8x25)</p> <p>3-way 2002-403 200 (8x25)</p> <p>4-way 2002-404 200 (8x25)</p> <p>5-way 2002-405 100 (4x25)</p> <p>6-way 2002-406 100 (4x25)</p> <p>7-way 2002-407 100 (4x25)</p> <p>8-way 2002-408 100 (4x25)</p> <p>9-way 2002-409 100 (4x25)</p> <p>10-way 2002-410 100 (4x25)</p>	<p>Staggered jumper,</p> <p>④ insulated, I_N 25 A, light gray</p> <p>2-way 2002-472 100 (4x25)</p> <p>3-way 2002-473 100 (4x25)</p> <p>4-way 2002-474 100 (4x25)</p> <p>5-way 2002-475 50 (2x25)</p> <p>6-way 2002-476 50 (2x25)</p> <p>7-way 2002-477 50 (2x25)</p> <p>8-way 2002-478 50 (2x25)</p> <p>9-way 2002-479 50 (2x25)</p> <p>10-way 2002-480 50 (2x25)</p> <p>11-way 2002-481 50 (2x25)</p> <p>12-way 2002-482 50 (2x25)</p>	<p>Modular TOPJOB®S connector,</p> <p>④ can be snapped together, for jumper contact slot</p> <p>gray 2002-511 100 (4x25)</p>
<p>Push-in type wire jumper,</p> <p>④ insulated, I_N 16 A, wire size 1.5 mm²</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>Adjacent jumper for continuous commoning,</p> <p>④ insulated, I_N 25 A, light gray</p> <p>2-way 2002-400 100 (4x25)</p>	<p>Spacer module, can be snapped together, e.g., for bridging commoned terminal blocks</p> <p>gray 2002-549 100 (4x25)</p>
		<p>End plate,</p> <p>for modular TOPJOB®S connectors, 1.5 mm thick</p> <p>gray 2002-541 100 (4x25)</p>
		<p>TOPJOB®S test plug module,</p> <p>④ can be snapped together</p> <p>gray 2002-611 100 (4x25)</p>
		<p>Test plug,</p> <p>with 500 mm cable, 2 mm Ø</p> <p>red 210-136 50</p>

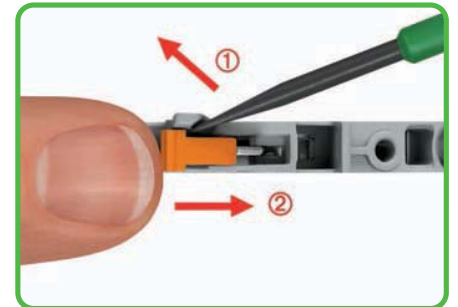


2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock
Open position

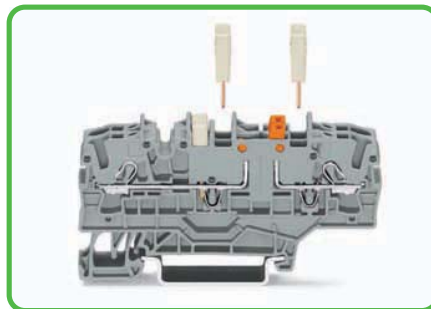
- ① Conductor sizes: 0.25 mm² - 4 mm² "s + f-st";
Push-in conductor sizes: 0.75 mm² - 4 mm² "s"
and 0.75 mm² - 2.5 mm²
"insulated ferrules, 12 mm"
- ② 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Section 14)
- ③ Strip length, see packaging or instructions.
- ④ See application notes for:
Colored push-in type jumper bars, page 139
Staggered jumper, page 141
Adjacent jumper for continuous commoning, page 139
Push-in type wire jumper, page 140
TOPJOB®S connector, page 134
TOPJOB®S L-type test plug module, page 136







2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock
Top view



2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock
Closing of knife disconnect

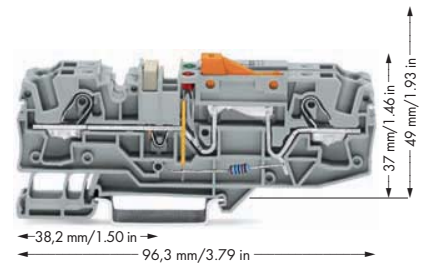
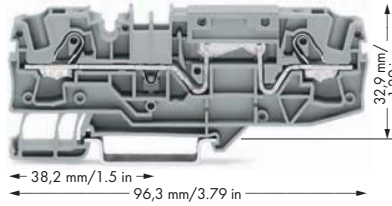
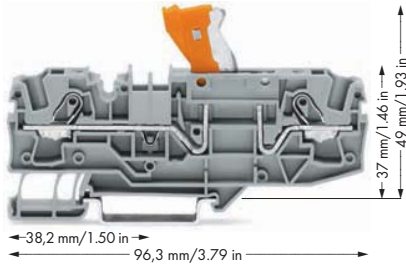


Three jumper slots available

Double-deck marker carrier,			
	pivoting gray	2002-121	50 (2x25)
WMB Multi marking system,			
10 strips with 10 markers per card, stretchable 5 - 5.2 mm			
	plain	793-5501	5
WMB Inline, plain,			
stretchable 5 - 5.2 mm, 1,500 WMB markers, 5 mm, on roll			
	white	2009-115	1
Marking strip, plain,			
11 mm wide, 50 m roll			
	white	2009-110	1

Disconnect and Ground Conductor Disconnect Terminal Blocks 6 (10) mm² / 30 A and Through Terminal Blocks of Same Profile, 2006 Series

<p>0.5 - 6 (10) mm² ① AWG 20 - 8 800 V/8 kV/3 ② I_N 30 A</p> <p>Terminal block width 7.5 mm / 0.295 in 13 - 15 mm / 0.55 in ③</p>	<p>0.5 - 6 (10) mm² ① AWG 20 - 8 800 V/8 kV/3 ② I_N 30 A</p> <p>Terminal block width 7.5 mm / 0.295 in 13 - 15 mm / 0.55 in ③</p>	<p>0.5 - 6 (10) mm² ① AWG 20 - 8</p> <p>Terminal block width 15 mm / 0.591 in 13 - 15 mm / 0.55 in ③</p>
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Item No.	Pack. Unit	Item No.	Pack. Unit	Item No.	Pack. Unit
2-conductor disconnect terminal block, with test point, orange disconnect link		2-conductor through terminal block, with test point, same profile as 2-conductor disconnect terminal block		Ground conductor disconnect terminal block, with test point, orange disconnect link, gray	
● gray	2006-1671 25	● gray	2006-1601 25	● 24 V	2006-1671/1000-848 12
● blue	2006-1674 25	● blue	2006-1604 25	● 48 V	2006-1671/1000-849 12
				● 120 V	2006-1671/1000-850 12
				● 230 V	2006-1671/1000-851 12
Other terminal blocks with the same profile:		Other terminal blocks with the same profile:		Other terminal blocks with the same profile:	
Through	2006-1601 Page 108	Carrier	2006-1661 Page 116	Through	2006-1601 Page 108
		Fuse	2006-1681 Page 111		
Item-Specific Accessories		Item-Specific Accessories		Item-Specific Accessories	
Push-in type jumper bar, insulated, I_N 41 A, light gray		Push-in type jumper bar, insulated, I_N 41 A, light gray		Push-in type jumper bar, insulated, I_N 41 A, light gray	
2-way	2006-402 50 (2x25)	2-way	2006-402 50 (2x25)	2-way	2006-402 50 (2x25)
3-way	2006-403 50 (2x25)	3-way	2006-403 50 (2x25)		
4-way	2006-404 50 (2x25)	4-way	2006-404 50 (2x25)		
5-way	2006-405 50 (2x25)	5-way	2006-405 50 (2x25)		
Push-in type jumper bar, insulated, I_N 41 A, light gray		Push-in type jumper bar, insulated, I_N 41 A, light gray		Push-in type jumper bar, insulated, I_N 41 A, light gray	
from 1 to 3	2006-433 50 (2x25)	from 1 to 3	2006-433 50 (2x25)		
from 1 to 4	2006-434 50 (2x25)	from 1 to 4	2006-434 50 (2x25)		
from 1 to 5	2006-435 50 (2x25)	from 1 to 5	2006-435 50 (2x25)		
Star point jumper, insulated, I_N = I_N terminal block, light gray		Star point jumper, insulated, I_N = I_N terminal block, light gray		Star point jumper, insulated, I_N = I_N terminal block, light gray	
1-3-5	2006-405/011-000 50 (2x25)	1-3-5	2006-405/011-000 50 (2x25)		

2006 Series Accessories

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

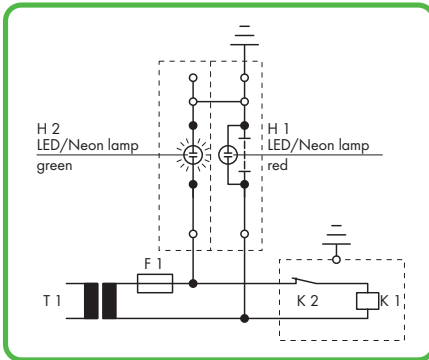
<p>End and intermediate plate, 1 mm thick</p> <p>orange 2006-1692 100 (4x25)</p> <p>gray 2006-1691 100 (4x25)</p>	<p>Double-deck marker carrier, pivoting</p> <p>gray 2002-121 50 (2x25)</p>	<p>Screwless end stop, for DIN 35 rail, 6 mm wide</p> <p>gray 249-116 100 (4x25)</p>
<p>Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks</p> <p>yellow 2006-115 100 (4x25)</p>	<p>WMB Multi marking system, 10 strips with 10 markers per card, stretchable 5 - 5.2 mm</p> <p>plain 793-5501 5</p>	<p>Screwless end stop, for DIN 35 rail, 10 mm wide</p> <p>gray 249-117 50 (2x25)</p>
	<p>Marking strip, plain, 11 mm wide, 50 m roll</p> <p>white 2009-110 1</p>	

Disconnect and Ground Conductor Disconnect Terminal Blocks

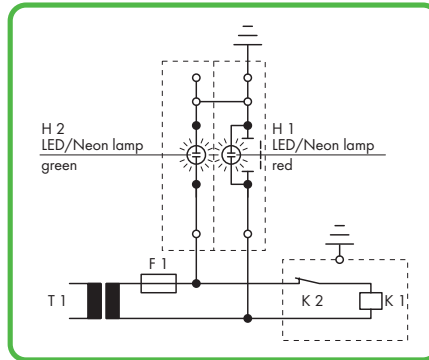


Ground conductor disconnect terminal block – top view

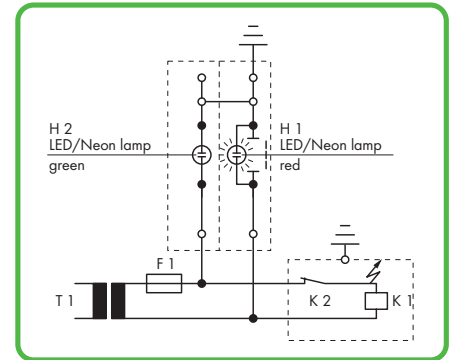
- 1 Conductor sizes: 0.5 mm² – 10 mm² "s + f-st";
Push-in conductor sizes: 1 mm² – 10 mm² "s"
and 1.5 mm² – 6 mm²
"insulated ferrule, 12 mm"
- 2 800 V = rated voltage
8 kV = rated surge voltage
3 = pollution degree
(also see Section 14)
- 3 Strip length, see packaging or instructions.



Operating condition
Slide link closed, auxiliary circuit grounded,
green lamp illuminates.



Test condition – no grounding
Slide link open, auxiliary circuit not grounded.



Test condition – grounding
Slide link open, auxiliary circuit not grounded,
red lamp illuminates.



Terminal block assembly including:
Through terminal blocks
N-conductor disconnect terminal blocks
Fuse terminal blocks for mini-automotive fuses

IEC 60204/DIN VDE 0113 "Electrical equipment of industrial machines, part 1: General requirements" 9.4.3.1:

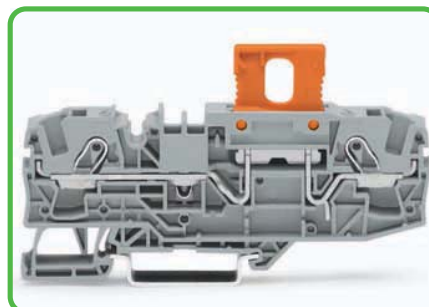
Ground faults on control circuits shall not cause unintentional starting, hazardous movements or prevent stopping the machine.

In order to fulfill this requirement, bonding to the protective bonding circuit shall be provided in accordance with 8.2 and the devices shall be connected as described in 9.1.4. Control circuits fed from a transformer and not connected to the protective bonding circuit shall be provided with an insulation monitoring device (e.g., residual current device), which either indicates a ground fault or interrupts the circuit automatically after a ground fault.

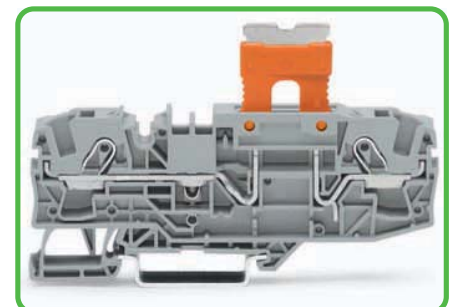
In the case of electronic circuits, the connection of one side of the control circuit to the protective bonding circuit in accordance with 9.1.4 can prevent unintentional operation. When this does not help, or if due to other reasons electronic circuits cannot be connected to the protective bonding circuit, other measures shall be taken to achieve the same level of safety.

Multipole control switches which interrupt all live conductors shall be used where the control circuit is directly connected between the phase conductors of the supply or between a phase conductor and a neutral conductor, which is either not grounded or grounded through a high impedance.

This is required for starting or stopping those machine functions, which can cause a hazardous situation including: damaging the machine or halting the work in progress, in the event of unintentional starting or failure to stop.



Carrier terminal block with disconnect plug in operating position.



Carrier terminal block with disconnect plug in parked position.