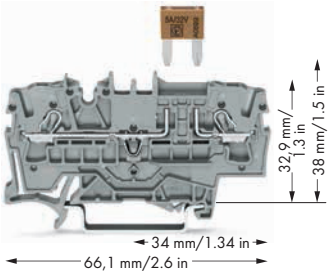
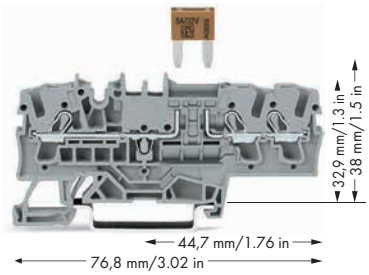
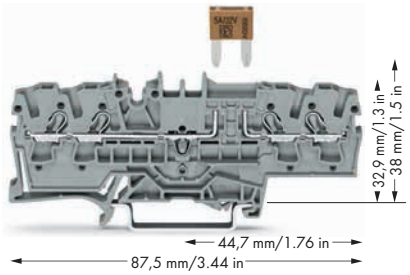
TOPJOB® S
Fuse Terminal Blocks 2.5 (4) mm²
2002 Series

0.25 - 2.5 (4) mm² ❶ 400 V/6 kV/3 ❷ I_N 10 A ❸	AWG 22 - 12 300 V, 10 A 300 V, 10 A	Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ❹
0.25 - 2.5 (4) mm² 400 V/6 kV/3 I_N 10 A	AWG 22 - 12 300 V, 10 A 300 V, 10 A	Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in
0.25 - 2.5 (4) mm² ❶ 400 V/6 kV/3 ❷ I_N 10 A ❸	AWG 22 - 12 300 V, 10 A 300 V, 10 A	Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ❹







Item No.		Pack. Unit
2-conductor fuse terminal block,		
with test point,		
for blade-style fuses acc. to DIN 72581-3f, ISO 8820-3		
gray	**2002-1681**	50
Blade-style fuses are not offered by WAGO		
Other terminal blocks with the same profile:		
Through	**2002-1601**	Page 44

Item No.		Pack. Unit
3-conductor fuse terminal block,		
with test point,		
for blade-style fuses acc. to DIN 72581-3f, ISO 8820-3		
gray	**2002-1781**	50
Blade-style fuses are not offered by WAGO		
Other terminal blocks with the same profile:		
Through	**2002-1701**	Page 46

Item No.		Pack. Unit
4-conductor fuse terminal block,		
with test point,		
for blade-style fuses acc. to DIN 72581-3f, ISO 8820-3		
gray	**2002-1881**	50
Blade-style fuses are not offered by WAGO		
Other terminal blocks with the same profile:		
Through	**2002-1801**	Page 48

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2002-1692**	100 (4x25)
gray	**2002-1691**	100 (4x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2002-1792**	100 (4x25)
gray	**2002-1791**	100 (4x25)

Item-Specific Accessories

End and intermediate plate, 1 mm thick

orange	**2002-1892**	100 (4x25)
gray	**2002-1891**	100 (4x25)

2002 Series Accessories

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

Insulation stop,

5 pcs/strip, 0.25 - 0.5 mm²

light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip, 0.75 - 1 mm²

dark gray	**2002-172**	200 (8x25)

Push-in type jumper bar, insulated,

❺ 

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)

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks

yellow	**2002-115**	100 (4x25)

Double-deck marker carrier,

pivoting

gray	**2002-121**	50 (2x25)

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)

Push-in type wire jumper,

❺ 

insulated, I_N 18 A, wire size 1.5 mm²

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

Test plug,

with 500 mm cable, 2 mm Ø

red	**210-136**	50

Banana plug,

for socket 4 mm Ø, color mixed

	215-111	50

Staggered jumper,

❺ 

insulated, I_N 25 A, light gray

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

Adjacent jumper for continuous commoning, insulated,

❺ 

I_N 25 A, light gray

2-way	**2002-400**	100 (4x25)

Certification organizations can be found in the overview on pages 622 and 623.

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 ferrules, 12 mm"

❷ 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Section 14)

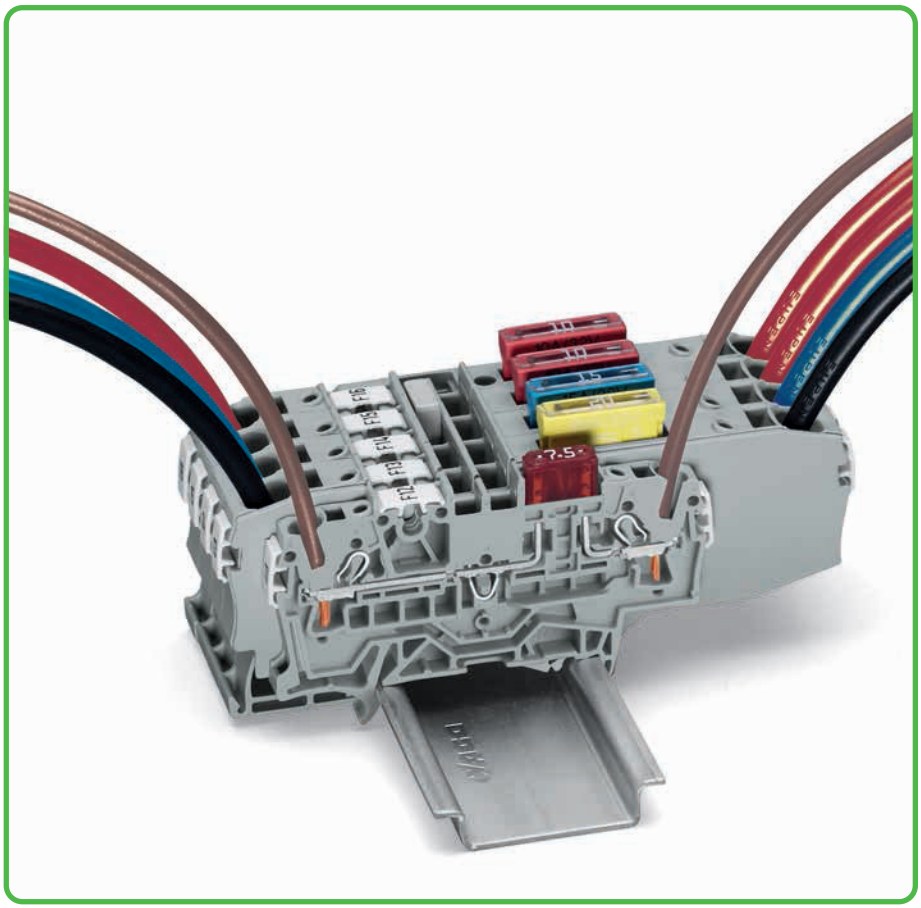
❸ - Individual arrangement: 10 A
- Block arrangement: 5 A
Protection against direct contact must be observed for 42 V and higher voltages

❹ Strip length, see packaging or instructions.

❺ See application notes for:
Colored push-in type jumper bars, page 101
Staggered jumper, page 104
Adjacent jumper for continuous commoning, page 101
Push-in type wire jumper, page 102
TOPJOB®S connector, page 96
TOPJOB®S L-type test plug module, page 100

Accessories

Modular TOPJOB®S connector,			
❺ 	can be snapped together, for jumper contact slot		
	gray	**2002-511**	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)
TOPJOB®S L-test plug module,			
❺ 	can be snapped together		
	gray	**2002-611**	100 (4x25)
Test plug adapter,			
	for 4 mm Ø test plug		
	gray	**2009-174**	100 (4x25)
Testing tap,			
	for max. 2.5 mm²		
	gray	**2009-182**	100 (4x25)
WMB Multi marking system,			
	10 strips with 10 markers per card, stretchable 5 - 5.2 mm		
	plain	**793-5501**	5



Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartrigdes can operate perfectly as protection (break-off point) if they are properly selected and used according to manufacturer specifications.

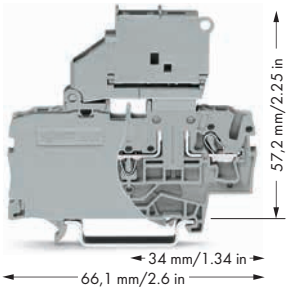
The rated currents of the fuse cartridges are defined differently in international standards.

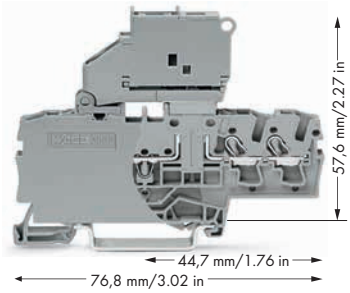
Due to different current rating definitions, the recommended current-carrying permanent capacity of the fuses is max. 80% of their rated current according to DIN 72581 part 3 (for an ambient operating temperature of 23 °C).

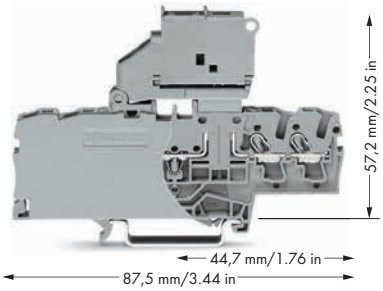
Regarding product safety, it is generally necessary to test fuse cartridges under normal conditions and operational failures within your application.

TOPJOB® S
Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder 2.5 (4) mm² for Miniature Fuses 5 x 20 mm, 2002 Series

0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 250 V/6 kV/3 ❷ | 250 V, 6 A I_N 6.3 A | 250 V, 6 A Terminal block width 6.2 mm / 0.244 in 10 - 12 mm / 0.43 in ❸	0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 250 V/6 kV/3 ❷ I_N 6.3 A Terminal block width 6.2 mm / 0.244 in 10 - 12 mm / 0.43 in ❸	0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 250 V/6 kV/3 ❷ | 250 V, 6 A I_N 6.3 A | 250 V, 6 A Terminal block width 6.2 mm / 0.244 in 10 - 12 mm / 0.43 in ❸







	Item No.	Pack. Unit
2-conductor fuse disconnect terminal block with pivoting fuse holder, for miniature fuses 5 x 20 mm, without blown fuse indication. Both nominal voltage and current are given by the fuse.		
◯ gray	**2002-1611**	50
2-conductor fuse disconnect terminal block with pivoting fuse holder, for miniature fuses 5 x 20 mm, with blown fuse indication by LED, gray. Both nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA		
◯ 12 - 30 V	**2002-1611/1000-541**	50
◯ 30 - 65 V	**2002-1611/1000-542**	50
◯ 230 V	**2002-1611/1000-836**	50
◯ 120 V	**2002-1611/1000-867**	50

	Item No.	Pack. Unit
3-conductor fuse disconnect terminal block with pivoting fuse holder, for miniature fuses 5 x 20 mm, without blown fuse indication. Both nominal voltage and current are given by the fuse.		
◯ gray	**2002-1711**	50
3-conductor fuse disconnect terminal block with pivoting fuse holder, for miniature fuses 5 x 20 mm, with blown fuse indication by LED, gray. Both nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA		
◯ 12 - 30 V	**2002-1711/1000-541**	50
◯ 30 - 65 V	**2002-1711/1000-542**	50
◯ 230 V	**2002-1711/1000-836**	50
◯ 120 V	**2002-1711/1000-867**	50

	Item No.	Pack. Unit
4-conductor fuse disconnect terminal block with pivoting fuse holder, for miniature fuses 5 x 20 mm, without blown fuse indication. Both nominal voltage and current are given by the fuse.		
◯ gray	**2002-1811**	50
4-conductor fuse disconnect terminal block with pivoting fuse holder, for miniature fuses 5 x 20 mm, with blown fuse indication by LED, gray. Both nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA		
◯ 12 - 30 V	**2002-1811/1000-541**	50
◯ 30 - 65 V	**2002-1811/1000-542**	50
◯ 230 V	**2002-1811/1000-836**	50
◯ 120 V	**2002-1811/1000-867**	50

Accessories

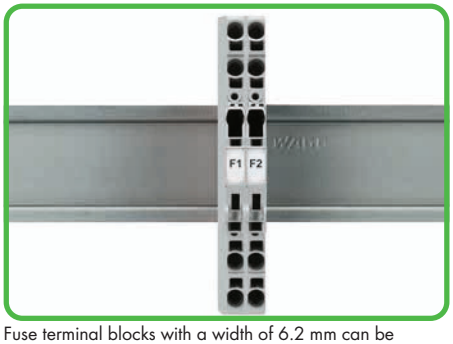
Appropriate marking systems: WMB/WMB Inline/Marking strips (see Section 13)

End plate for fuse terminal blocks, 2 mm thick			
orange	**2002-992**	100 (4x25)	
gray	**2002-991**	100 (4x25)	
Insulation stop, 5 pcs/strip, 0.25 - 0.5 mm²			
light gray	**2002-171**	200 (8x25)	
Insulation stop, 5 pcs/strip, 0.75 - 1 mm²			
dark gray	**2002-172**	200 (8x25)	
Push-in type wire jumper, ❹ insulated, I_N 18 A, wire size 1.5 mm²			
L = 60 mm	**2009-412**	100 (10x10)	
L = 110 mm	**2009-414**	100 (10x10)	
L = 250 mm	**2009-416**	100 (10x10)	

Push-in type jumper bar, insulated, I_N 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)	
Protective warning marker, with high-voltage symbol, black, for 5 terminal blocks			
yellow	**2002-115**	100 (4x25)	

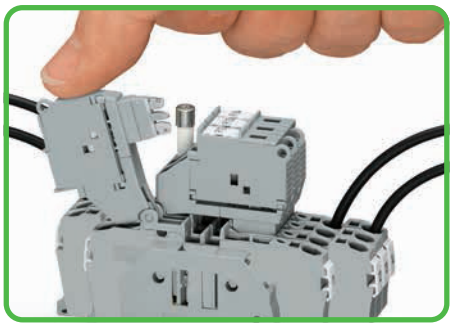
Push-in type jumper bar, insulated, I_N 32 A, light gray			
from 1 to 3	**2004-433**	200 (8x25)	
from 1 to 4	**2004-434**	200 (8x25)	
from 1 to 5	**2004-435**	100 (4x25)	
from 1 to 6	**2004-436**	100 (4x25)	
from 1 to 7	**2004-437**	100 (4x25)	
from 1 to 8	**2004-438**	100 (4x25)	
from 1 to 9	**2004-439**	100 (4x25)	
from 1 to 10	**2004-440**	100 (4x25)	

Certification organizations can be found in the overview on pages 622 and 623.



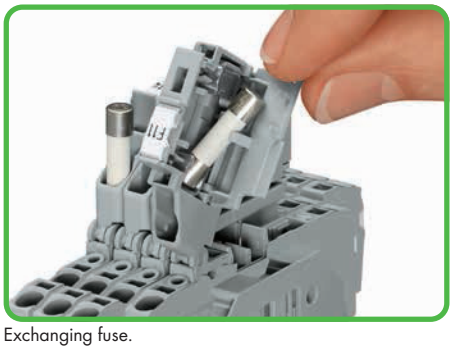
Fuse terminal blocks with a width of 6.2 mm can be assembled adjacently. If there is **no** adjacent fuse terminal block at the end of the assembly, an end plate must be used.

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. 250 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:
   Push-in type wire jumper, page 102



Pivoting the fuse holder in the locked open position.

When selecting miniature fuses, the maximum power loss listed below should not be 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 available from the manufacturer.



Exchanging fuse.

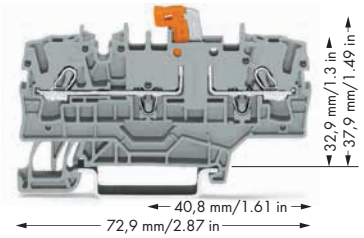
Miniature fuses 5 x 20

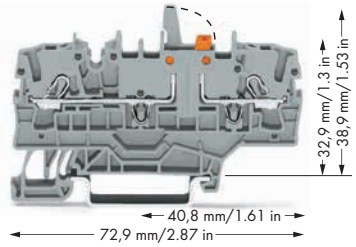
Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
	Fuse terminal blocks			
2002-1611 2002-1811	1.6 W	1.6 W	2.5 W	2.5 W
2002-1611/....-.... 2002-1811/....-....	1.6 W	1.6 W	2.5 W	2.5 W

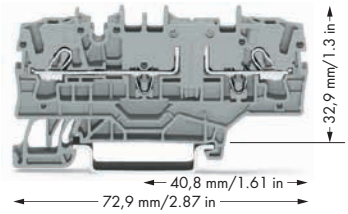
Protective warning marker and insulation stop must be applied individually. Due to the 6.2 mm width of the fuse terminal blocks with pivoting fuse holder, 2004 Series jumpers must be used.

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

0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 400 V/6 kV/3 ❷ I_N 16 A Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ❸	0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 400 V/6 kV/3 ❷ I_N 16 A Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ❸	0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 400 V/6 kV/3 ❷ I_N 16 A Terminal block width 5.2 mm / 0.205 in 10 - 12 mm / 0.43 in ❸







Item No.		Pack. Unit
2-conductor disconnect terminal block for test and measurement, with test point, orange disconnect link, with additional jumper position		
gray	**2002-1971**	50
blue	**2002-1974**	50
orange	**2002-1972**	50

Item No.		Pack. Unit
2-conductor disconnect terminal block for test and measurement with mechanical interlock, with test point, orange disconnect link, with additional jumper position		
gray	**2002-1971/401-000**	50
orange	**2002-1972/401-000**	50
blue	**2002-1974/401-000**	50

Item No.		Pack. Unit
2-conductor through terminal block, with test point, with additional jumper position, same profile as 2-conductor disconnect terminal block		
gray	**2002-1901**	50
blue	**2002-1904**	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 76
Fuse	**2002-1981**	Page 57

2002 Series Accessories

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

End and intermediate plate, 1 mm thick

orange	**2002-1992**	100 (4x25)
gray	**2002-1991**	100 (4x25)

Insulation stop,

5 pcs/strip, 0.25 - 0.5 mm²

light gray	**2002-171**	200 (8x25)

Insulation stop,

5 pcs/strip, 0.75 - 1 mm²

dark gray	**2002-172**	200 (8x25)

Push-in type jumper bar, insulated, ❹

I_N 25 A, light gray

2-way	**2002-402**	200 (8x25)
3-way	**2002-403**	200 (8x25)
4-way	**2002-404**	200 (8x25)
5-way	**2002-405**	100 (4x25)
6-way	**2002-406**	100 (4x25)
7-way	**2002-407**	100 (4x25)
8-way	**2002-408**	100 (4x25)
9-way	**2002-409**	100 (4x25)
10-way	**2002-410**	100 (4x25)

Push-in type wire jumper, ❹

insulated, I_N 18 A, wire size 1.5 mm²

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

Push-in type jumper bar, insulated,

I_N 25 A, light gray

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

Staggered jumper, ❹

insulated, I_N 25 A, light gray

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

Adjacent jumper for continuous commoning, insulated, ❹

I_N 25 A, light gray

2-way	**2002-400**	100 (4x25)

Protective warning marker,

with high-voltage symbol, black, for 5 terminal blocks

yellow	**2002-115**	100 (4x25)

Test plug adapter,

for 4 mm Ø test plug

gray	**2009-174**	100 (4x25)

Testing tap,

for max. 2.5 mm²

gray	**2009-182**	100 (4x25)

Modular TOPJOB®S connector, ❹

can be snapped together, for jumper contact slot

gray	**2002-511**	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)

TOPJOB®S L-test plug module, ❹

can be snapped together

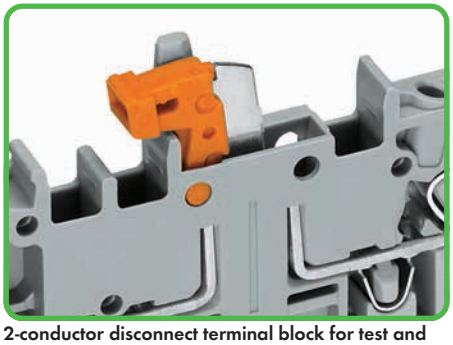
gray	**2002-611**	100 (4x25)

Test plug,

with 500 mm cable, 2 mm Ø

red	**210-136**	50

Certification organizations can be found in the overview on pages 622 and 623.



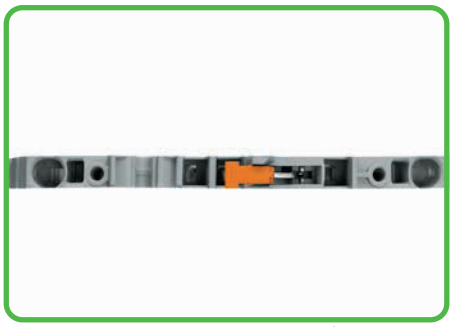
2-conductor disconnect terminal block for test and measurement, with knife disconnect and mechanical interlock
Open position

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 ferrules, 12 mm"

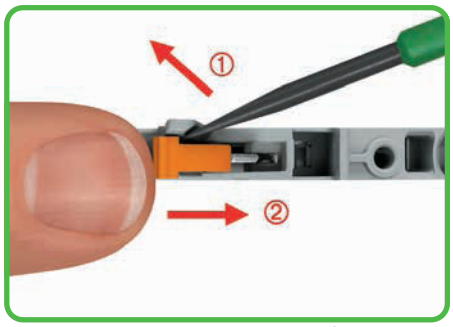
❷ 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Section 14)

❸ Strip length, see packaging or instructions.

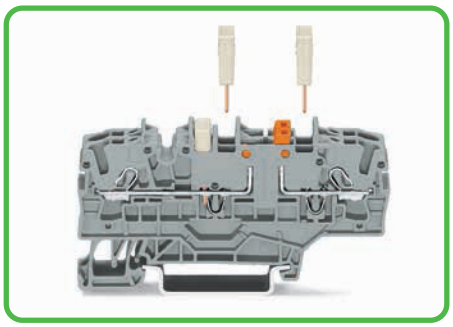
❹ See application notes for:
Colored push-in type jumper bars, page 101
Staggered jumper, page 104
Adjacent jumper for continuous commoning, page 101
Push-in type wire jumper, page 102
TOPJOB®S connector, page 96
TOPJOB®S L-type test plug module, page 100



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,

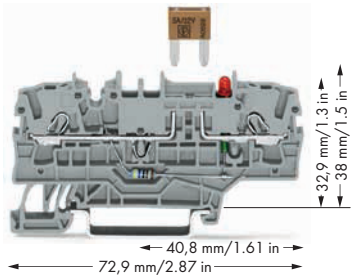
stretchable 5 - 5.2 mm,
1,500 WMB markers, 5 mm, on roll
white **2009-115** 1

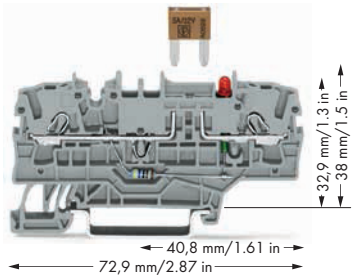
Marking strip, plain,

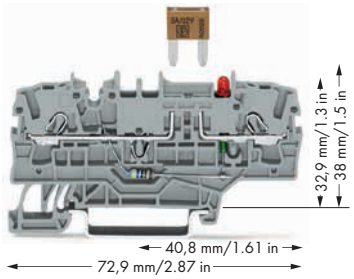
11 mm wide,
50 m roll
white **2009-110** 1

TOPJOB® S
Fuse Terminal Blocks 2.5 (4) mm²
2002 Series

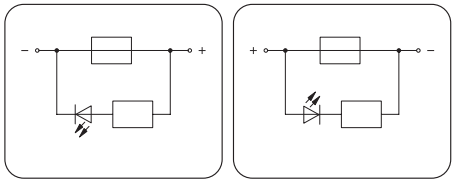
0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 **400 V/6 kV/3 ❷** **I_N 10 A** **Terminal block width 5.2 mm / 0.205 in** **10 - 12 mm / 0.43 in ❸**	**0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12** **400 V/6 kV/3 ❷** **I_N 10 A** **Terminal block width 5.2 mm / 0.205 in** **10 - 12 mm / 0.43 in ❸**	**0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12** **400 V/6 kV/3 ❷** **I_N 10 A** **Terminal block width 5.2 mm / 0.205 in** **10 - 12 mm / 0.43 in ❸**



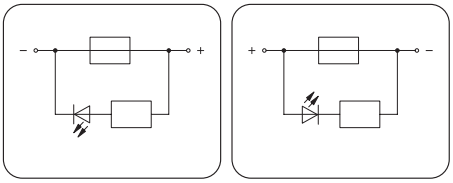




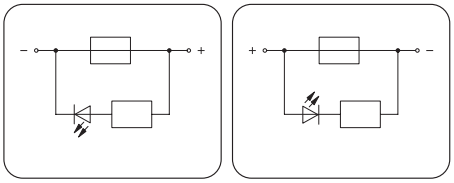
Circuit I Circuit II



Circuit I Circuit II



Circuit I Circuit II



Item No.		Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses,		
12V, with test point, with blown fuse indication by LED,		
LED power consumption: 4.8 mA, gray		
Both nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		
◯ Circuit I	**2002-1981/1000-429**	50
◯ Circuit II	**2002-1981/1000-449**	50
Other terminal blocks with the same profile:		
Through	**2002-1901**	Page 54

Item No.		Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses,		
24 V, with test point, with blown fuse indication by LED,		
LED power consumption: 4.8 mA, gray		
Both nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		
◯ Circuit I	**2002-1981/1000-413**	50
◯ Circuit II	**2002-1981/1000-434**	50

Item No.		Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses,		
48 V, with test point, with blown fuse indication by LED,		
LED power consumption: 4.8 mA, gray		
Both nominal voltage and current are given by the LED or fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		
◯ Circuit I	**2002-1981/1000-414**	50
◯ Circuit II	**2002-1981/1000-435**	50

2002 Series Accessories

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

End and intermediate plate, 1 mm thick			
	orange	**2002-1992**	100 (4x25)
	gray	**2002-1991**	100 (4x25)
Insulation stop,			
	5 pcs/strip,		
	0.25 - 0.5 mm²		
	light gray	**2002-171**	200 (8x25)
Insulation stop,			
	5 pcs/strip,		
	0.75 - 1 mm²		
	dark gray	**2002-172**	200 (8x25)
Push-in type jumper bar, insulated,			
❹ 	I_N 25 A,		
	light gray		
	2-way	**2002-402**	200 (8x25)
	3-way	**2002-403**	200 (8x25)
	4-way	**2002-404**	200 (8x25)
	5-way	**2002-405**	100 (4x25)
	6-way	**2002-406**	100 (4x25)
	7-way	**2002-407**	100 (4x25)
	8-way	**2002-408**	100 (4x25)
	9-way	**2002-409**	100 (4x25)
	10-way	**2002-410**	100 (4x25)

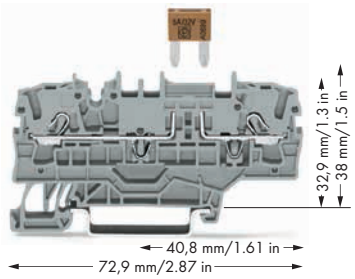
Push-in type wire jumper,			
❹ 	insulated,		
	I_N 18 A,		
	wire size 1.5 mm²		
	L = 60 mm	**2009-412**	100 (10x10)
	L = 110 mm	**2009-414**	100 (10x10)
	L = 250 mm	**2009-416**	100 (10x10)
Adjacent jumper for continuous commoning, insulated,			
❹ 	I_N 25 A,		
	light gray		
	2-way	**2002-400**	100 (4x25)
Push-in type jumper bar, insulated,			
	I_N 25 A,		
	light gray		
	from 1 to 3	**2002-433**	200 (8x25)
	from 1 to 4	**2002-434**	200 (8x25)
	from 1 to 5	**2002-435**	100 (4x25)
	from 1 to 6	**2002-436**	100 (4x25)
	from 1 to 7	**2002-437**	100 (4x25)
	from 1 to 8	**2002-438**	100 (4x25)
	from 1 to 9	**2002-439**	100 (4x25)
	from 1 to 10	**2002-440**	100 (4x25)

Staggered jumper,			
❹ 	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)
Protective warning marker,			
	with high-voltage symbol, black,		
	for 5 terminal blocks		
	yellow	**2002-115**	100 (4x25)

Certification organizations can be found in the overview on pages 622 and 623.

0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12
400 V/6 kV/3 ❷
I_N 10 A

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



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 ferrules, 12 mm"

❷ 400 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Section 14)

❸ Strip length, see packaging or instructions.

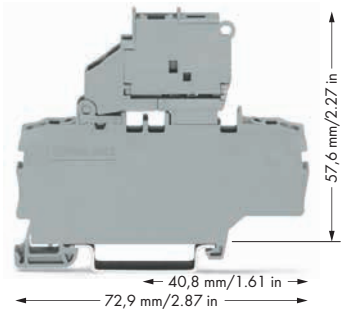
❹ See application notes for:
Colored push-in type jumper bars, page 101
Staggered jumper, page 104
Adjacent jumper for continuous commoning, page 101
Push-in type wire jumper, page 102
TOPJOB®S connector, page 96
TOPJOB®S L-type test plug module, page 100

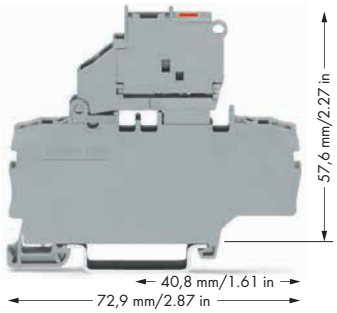
	Item No.	Pack. Unit
2-conductor fuse terminal block for mini-automotive blade-style fuses, with test point, with additional jumper position, without blown fuse indication. Both nominal voltage and current are given by the fuse. Blade-style fuses, please note touchproof protection for 42V and higher.		
◯ gray	**2002-1981**	50
Blade-style fuses are not offered by WAGO		
WMB Inline, plain, stretchable 5 - 5.2 mm, 1,500 WMB markers, 5 mm, on roll		
white	**2009-115**	1
WMB Multi marking system, 10 strips with 10 markers per card, stretchable 5 - 5.2 mm		
plain	**793-5501**	5
Double-deck marker carrier, pivoting		
gray	**2002-121**	50 (2x25)

TOPJOB® S
Fuse Disconnect Terminal Blocks with Pivoting Fuse Holder and Additional Jumper Position for Miniature Fuses 5 x 20 mm, 2002 Series

CAGE CLAMP®S

0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12 **250 V/6 kV/3 ❷** **I_N 6.3 A** **Terminal block width 6.2 mm / 0.244 in** **10 - 12 mm / 0.43 in ❸**	**0.25 - 2.5 (4) mm² ❶ | AWG 22 - 12** **250 V/6 kV/3 ❷** **I_N 6.3 A** **Terminal block width 6.2 mm / 0.244 in** **10 - 12 mm / 0.43 in ❸**





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 250 V = rated voltage
6 kV = rated surge voltage
3 = pollution degree
(see Section 14)

❸ Strip length, see packaging or instructions.

❹ See application notes for:
Push-in type wire jumper, page 102

	Item No.	Pack. Unit
2-conductor fuse disconnect terminal block with pivoting fuse holder, with additional jumper position, for miniature fuses 5 x 20 mm, without blown fuse indication Both nominal voltage and current are given by the fuse.		
gray	**2002-1911**	50

	Item No.	Pack. Unit
2-conductor fuse disconnect terminal block with pivoting fuse holder, with additional jumper position, for miniature fuses 5 x 20 mm, with blown fuse indication by LED, gray Both nominal voltage and current are given by the LED or fuse. Leakage current in case of blown fuse: LED 2mA		
12 - 30 V	**2002-1911/1000-541**	50
30 - 65 V	**2002-1911/1000-542**	50
120 V	**2002-1911/1000-867**	50
230 V	**2002-1911/1000-836**	50

Miniature fuses 5 x 20

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
	Fuse terminal blocks			
2002-1911	1.6 W	1.6 W	2.5 W	2.5 W
2002-1911/....-....	1.6 W	1.6 W	2.5 W	2.5 W

Protective warning marker and insulation stop must be applied individually. Due to the 6.2 mm width of the fuse terminal blocks with pivoting fuse holder, 2004 Series jumpers must be used.

When selecting miniature fuses, the maximum power loss listed below should not be 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 are an additional burden on fuse cartridges. Therefore, in such applications the rated current must be reduced if necessary. More details available from the manufacturer.

2002 Series Accessories

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

End plate for fuse terminal blocks,			
2 mm thick			
orange	**2002-992**	100 (4x25)	
gray	**2002-991**	100 (4x25)	
Insulation stop,			
5 pcs/strip,			
0.25 - 0.5 mm²			
light gray	**2002-171**	200 (8x25)	
Insulation stop,			
5 pcs/strip,			
0.75 - 1 mm²			
dark gray	**2002-172**	200 (8x25)	
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)	

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)	
Push-in type wire jumper,			
❹ insulated,			
I_N 18 A,			
wire size 1.5 mm²			
L = 60 mm	**2009-412**	100 (10x10)	
L = 110 mm	**2009-414**	100 (10x10)	
L = 250 mm	**2009-416**	100 (10x10)	
Protective warning marker,			
with high-voltage symbol, black,			
for 5 terminal blocks			
yellow	**2002-115**	100 (4x25)	
Test plug,			
with 500 mm cable,			
2 mm Ø			
red	**210-136**	50	

Certification organizations can be found in the overview on pages 622 and 623.