❶ Conductor range: 0.25 … 4 mm² "s+f-st";
Push-in termination: 1 … 4 mm² "s" and 1 … 2.5 mm² "insulated ferrules, 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

❹ Terminal blocks with an Ex mark are suitable for Ex e II applications.
440 V; 14 A
(see Section 15)

Please observe the application notes:
Jumpers, from page 174
Testing accessories, page 173
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	**2002-2692**	100 (25)
gray	**2002-2691**	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	**2002-171**	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	**2002-172**	200 (25)

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

2-way	**2002-402**	25
3-way	**2002-403**	25
4-way	**2002-404**	25
5-way	**2002-405**	25
6-way	**2002-406**	25
7-way	**2002-407**	25
8-way	**2002-408**	25
9-way	**2002-409**	25
10-way	**2002-410**	25

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

1 to 3	**2002-433**	25
1 to 4	**2002-434**	25
1 to 5	**2002-435**	25
1 to 6	**2002-436**	25
1 to 7	**2002-437**	25
1 to 8	**2002-438**	25
1 to 9	**2002-439**	25
1 to 10	**2002-440**	25

Double-deck vertical jumper; insulated; I_N 24 A

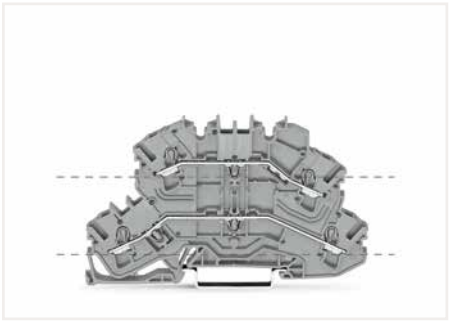
light gray	**2002-492**	100 (25)
orange	**2002-492/000-012**	100 (25)

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

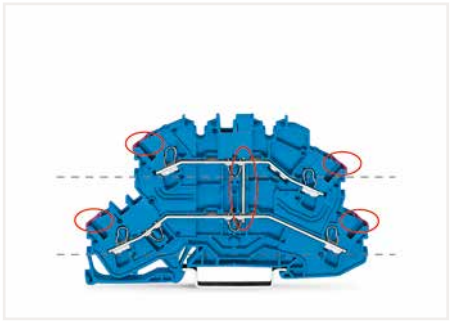
2-way	**2002-400**	25

Double-deck marker carrier; pivoting

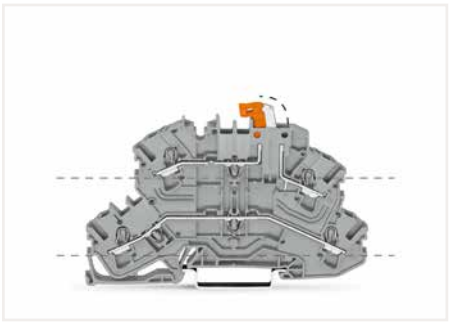
gray	**2002-121**	50 (25)



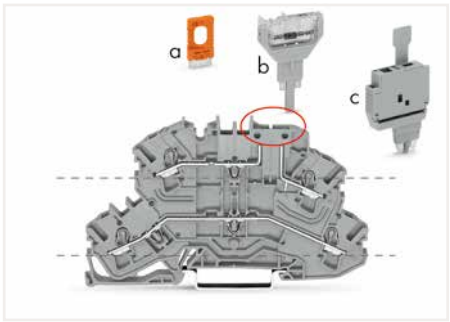
Through terminal blocks (2002-2601) feature two independent current bars on both lower and upper deck, sharing the same profile as disconnect terminal blocks.
These terminal blocks can be commoned via double-deck vertical jumpers (2002-492).



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



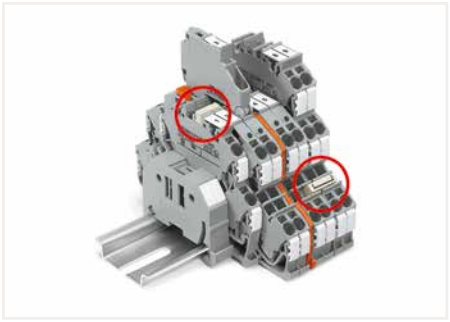
Double-deck disconnect terminal blocks with a pivoting knife disconnect (2002-2671) can be used as through terminal blocks on the lower deck and as disconnect terminal blocks on the upper deck.
Besides disconnection and measurement, double-deck carrier terminal blocks (2002-2667) also provide ground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



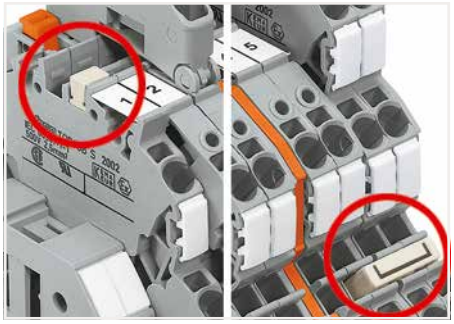
Carrier terminal blocks (2002-2661) have the same design as disconnect terminal blocks.
The following components may be used:
- Disconnect plugs (a: 2002-401)
- Pluggable diode (b: 2002-800/1000-411)
- LED module (2002-800/1000-541, no illustration)
- Fuse plug (c: 2004-911)

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

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



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

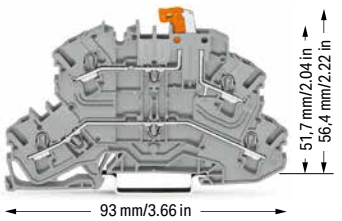


Left picture – Vertical jumper (2002-492)
Right picture – Push-in type jumper bar (2002 Series)

Double-Deck Disconnect Terminal Block, Double-Deck Carrier Terminal Block TOPJOB® S
2.5 (4) mm²; 2002 Series

1

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

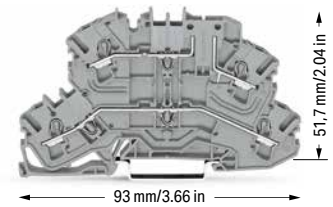


Double-deck disconnect terminal block; with a pivoting knife disconnect; gray

	Item No.	Pack. Unit
L/L	2002-2671 ❸	50
N/L	2002-2672 ❸	50

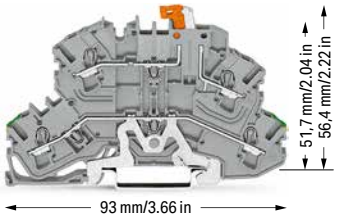
Other terminal blocks with the same profile:		
Through	2002-2601	Page 84
Fuse	2002-2611	Page 87

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



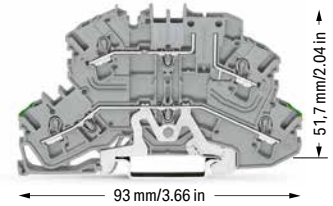
Double-deck carrier terminal block; upper-deck base; gray

	Item No.	Pack. Unit
L/L	2002-2661 ❸	50
N/L	2002-2662 ❸	50



Double-deck disconnect terminal block; with a pivoting knife disconnect; gray

	Item No.	Pack. Unit
Shield/L	2002-2678 ❸	50



Double-deck carrier terminal block; upper-deck base; gray

	Item No.	Pack. Unit
PE/L	2002-2667 ❸	50

❶ Conductor range: 0.25 … 4 mm² "s+f-st"; Push-in termination: 1 … 4 mm² "s" and 1 … 2.5 mm² "insulated ferrules, 12 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Terminal blocks with an Ex mark are suitable for Ex e II applications.
440 V; 14 A
(see Section 15)

Please observe the application notes:
Jumpers, from page 174
Testing accessories, page 173
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

	orange	2002-2692	100 (25)
	gray	2002-2691	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

	light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

	dark gray	2002-172	200 (25)

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

	2-way	2002-402	25
	3-way	2002-403	25
	4-way	2002-404	25
	5-way	2002-405	25
	6-way	2002-406	25
	7-way	2002-407	25
	8-way	2002-408	25
	9-way	2002-409	25
	10-way	2002-410	25

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

	1 to 3	2002-433	25
	1 to 4	2002-434	25
	1 to 5	2002-435	25
	1 to 6	2002-436	25
	1 to 7	2002-437	25
	1 to 8	2002-438	25
	1 to 9	2002-439	25
	1 to 10	2002-440	25

Double-deck vertical jumper; insulated; I_N 24 A

	light gray	2002-492	100 (25)
	orange	2002-492/000-012	100 (25)

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

	2-way	2002-400	25

Double-deck marker carrier; pivoting

	gray	2002-121	50 (25)

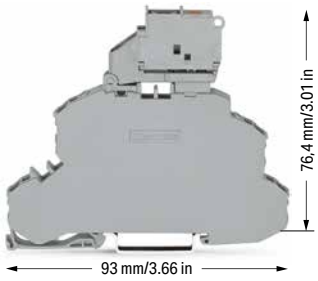
Double-Deck Fuse Terminal Block TOPJOB® S
2.5 (4) mm²; 2002 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	300 V, 6.3 A
I_N 6.3 A	300 V, 6,3 A
Terminal block width: 6.2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	

Double-deck fuse disconnect terminal block with a pivoting fuse holder; through/fuse terminal block; for 5 x 20 mm glass cartridge fuse; without blown fuse indication; gray
Electrical ratings are given by the fuse.

	Item No.	Pack. Unit
L/L	2002-2611 ❸	25
N/L	2002-2612 ❸	25

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	30 V, 6.3 A
I_N 6.3 A	30 V, 6,3 A
Terminal block width: 6.2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Double-deck fuse disconnect terminal block with a pivoting fuse holder; through/fuse terminal block; for 5 x 20 mm glass cartridge fuse; with blown fuse indication by LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

	Item No.	Pack. Unit
12 … 30 V	2002-2611/1000-541 ❸	25
30 … 65 V	2002-2611/1000-542 ❸	25
230 V	2002-2611/1000-836 ❸	25
120 V	2002-2611/1000-867 ❸	25

Other terminal blocks with the same profile:		
Through	2002-2601	Page 84

❶ Conductor range: 0.25 … 4 mm² “s+f-st”; Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

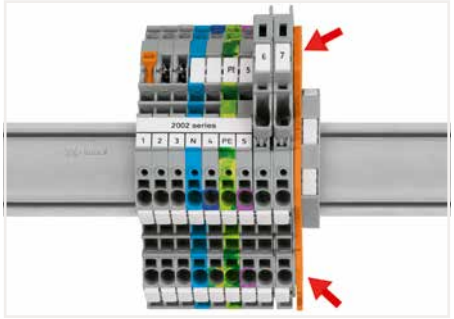
❷ 250 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Terminal blocks with an Ex mark are suitable for Ex e II applications.
275 V; 6.3 A
(see Section 15)

Please observe the application notes:
Jumpers, from page 165
Marking, from page 640

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

Approvals and corresponding ratings, visit www.wago.com



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

Accessories; 2002 Series

Appropriate marking systems: WMB/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-2692	100 (25)
gray	2002-2691	100 (25)

End plate for fuse terminal blocks; 2 mm thick

orange	2002-1092	100 (25)
gray	2002-1091	100 (25)

Push-in type jumper bar; insulated; I_N 32 A; light gray

2-way	2004-402	25
3-way	2004-403	25
4-way	2004-404	25
5-way	2004-405	25
6-way	2004-406	25
7-way	2004-407	25
8-way	2004-408	25
9-way	2004-409	25
10-way	2004-410	25

Push-in type jumper bar; insulated; I_N 32 A; light gray

1 to 3	2004-433	25
1 to 4	2004-434	25
1 to 5	2004-435	25
1 to 6	2004-436	25
1 to 7	2004-437	25
1 to 8	2004-438	25
1 to 9	2004-439	25
1 to 10	2004-440	25

Double-deck vertical jumper; insulated; I_N 24 A

light gray	2002-492	100 (25)
orange	2002-492/000-012	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2002-115	100 (25)

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

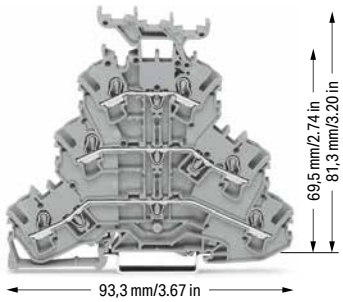
plain	793-5501	5

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

Triple-Deck Terminal Block TOPJOB® S
2.5 (4) mm²; 2002 Series

1

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
500 V/6 kV/3 ❷	300 V, 20 A
I_N 24 A (28 A)	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Triple-deck terminal block; through/through/through terminal block; with marker carrier; gray

	Item No.	Pack. Unit
L/L/L	2002-3231 ❹	50
L/L/N	2002-3233 ❹	50

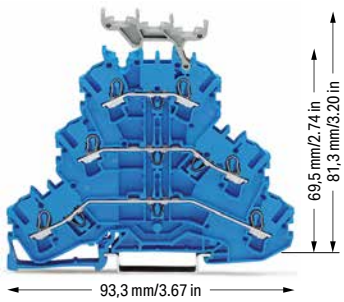
Triple-deck terminal block; through/through/through terminal block; without marker carrier; gray

	Item No.	Pack. Unit
L/L/L	2002-3201 ❹	50
L/L/N	2002-3203 ❹	50

Other terminal blocks with the same profile:

Diode	2002-3211/1000-410	Page 166
LED	2002-3221/1000-434	Page 166

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
500 V/6 kV/3 ❷	300 V, 20 A
I_N 24 A (28 A)	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



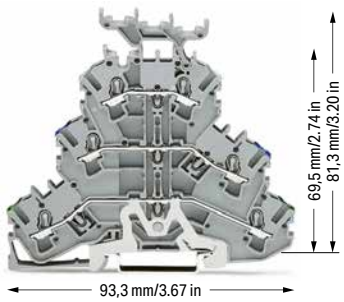
Triple-deck terminal block; through/through/through terminal block; with marker carrier; blue

	Item No.	Pack. Unit
N/N/N	2002-3234 ❸ ❹	50

Triple-deck terminal block; through/through/through terminal block; without marker carrier; blue

	Item No.	Pack. Unit
N/N/N	2002-3204 ❸ ❹	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
500 V/6 kV/3 ❷	300 V, 20 A
I_N 24 A (28 A)	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

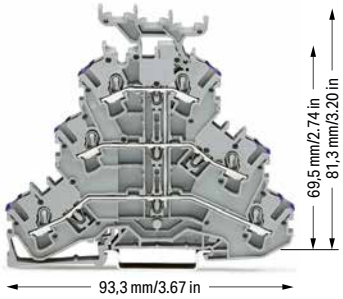


Triple-deck terminal block; ground conductor/through/through terminal block; with marker carrier; gray

	Item No.	Pack. Unit
PE/N/L	2002-3247 ❹	50
PE/L/L	2002-3257 ❹	50

Triple-deck terminal block; ground conductor/through/through terminal block; without marker carrier; gray

	Item No.	Pack. Unit
PE/N/L	2002-3217 ❹	50
PE/L/L	2002-3227 ❹	50

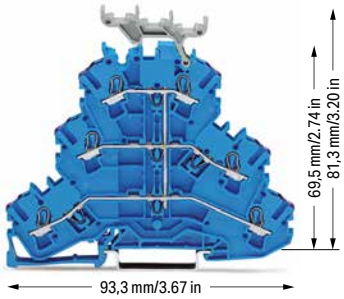


Triple-deck terminal block; 6-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2002-3238 ❹	50

Triple-deck terminal block; 6-conductor through terminal block; without marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2002-3208 ❹	50

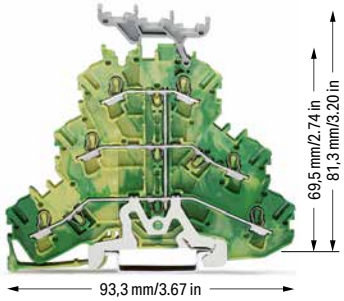


Triple-deck terminal block; 6-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2002-3239 ❸ ❹	50

Triple-deck terminal block; 6-conductor through terminal block; without marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2002-3209 ❸ ❹	50



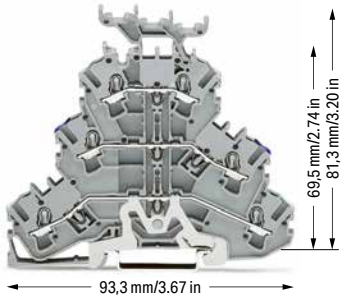
Triple-deck terminal block; 6-conductor ground terminal block; with marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2002-3237 ❹	50

Triple-deck terminal block; 6-conductor ground terminal block; without marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2002-3207 ❹	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
500 V/6 kV/3 ❷	300 V, 20 A
I_N 24 A (28 A)	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Triple-deck terminal block; shield/through/through terminal block; with marker carrier; gray		
	Item No.	Pack. Unit
Shield/N/L	2002-3248	50
Shield/L/L	2002-3258	50

Triple-deck terminal block; shield/through/through terminal block; without marker carrier; gray		
Shield/N/L	2002-3218	50
Shield/L/L	2002-3228	50

❶ Conductor range: 0.25 … 4 mm² “s+f-st”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

❹ Terminal blocks with an Ex mark are suitable for Ex e II applications.
440 V, 19 A
17 A jumper
(see Section 15)

Please observe the application notes:
Jumpers, from page 174
Testing accessories, page 173
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 0.8 mm thick			
	orange	2002-3292	100 (25)
	gray	2002-3291	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²			
	light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²			
	dark gray	2002-172	200 (25)

Push-in type jumper bar; insulated; I_N 25 A; light gray			
	2-way	2002-402	25
	3-way	2002-403	25
	4-way	2002-404	25
	5-way	2002-405	25
	6-way	2002-406	25
	7-way	2002-407	25
	8-way	2002-408	25
	9-way	2002-409	25
	10-way	2002-410	25

Push-in type jumper bar; insulated; I_N 25 A; light gray			
	1 to 3	2002-433	25
	1 to 4	2002-434	25
	1 to 5	2002-435	25
	1 to 6	2002-436	25
	1 to 7	2002-437	25
	1 to 8	2002-438	25
	1 to 9	2002-439	25
	1 to 10	2002-440	25

Double-deck vertical jumper; insulated; I_N 24 A			
	light gray	2002-492	100 (25)
	orange	2002-492/000-012	100 (25)

Triple-deck vertical jumper; insulated; I_N 24 A			
	light gray	2002-493	100 (25)

Triple-deck marker carrier; pivoting			
	gray	2002-131	50 (25)

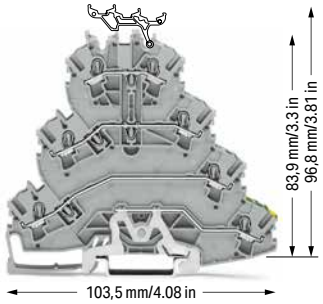
Triple-deck vertical jumpers (2002-493) common the three levels of triple-deck terminal blocks.

Combination of multilevel terminal blocks

Quadruple-Deck Rail-Mount Terminal Block for Wiring of Electric Motors TOPJOB® S
2.5 (4) mm²; 2002 Series

1

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	600 V, 20 A
I_N 20 A (25 A)	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



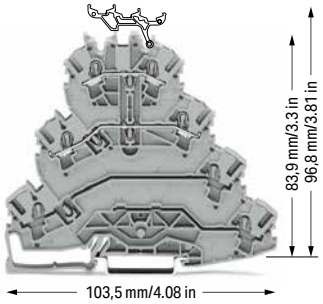
Quadruple-deck rail-mount terminal block; electric motor wiring rail-mount terminal block; without marker carrier; gray

	Item No.	Pack. Unit
L1 - L2 - L3 - PE	2002-4127 ❸	25

Quadruple-deck rail-mount terminal block; electric motor wiring rail-mount terminal block; with marker carrier; gray

	Item No.	Pack. Unit
L1 - L2 - L3 - PE	2002-4157 ❸	25

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	600 V, 20 A
I_N 20 A (25 A)	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



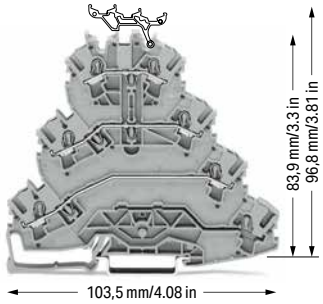
Quadruple-deck rail-mount terminal block; electric motor wiring rail-mount terminal block; without marker carrier; gray

	Item No.	Pack. Unit
L1 - L2	2002-4111 ❸	25

Quadruple-deck rail-mount terminal block; electric motor wiring rail-mount terminal block; with marker carrier; gray

	Item No.	Pack. Unit
L1 - L2	2002-4141 ❸	25

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	600 V, 20 A
I_N 20 A (25 A)	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Quadruple-deck rail-mount terminal block; electric motor wiring rail-mount terminal block; without marker carrier; gray

	Item No.	Pack. Unit
L1 - L2 - L3	2002-4101 ❸	25

Quadruple-deck rail-mount terminal block; electric motor wiring rail-mount terminal block; with marker carrier; gray

	Item No.	Pack. Unit
L1 - L2 - L3	2002-4131 ❸	25

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-4192	100 (25)
gray	2002-4191	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2002-115	100 (25)

Lockout cap; for conductor entry and operating slot

orange	2002-192	25
gray	2002-191	25
blue	2002-194	25

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Delta jumper; insulated; I_N = I_N terminal block; light gray

1-2 3-4 5-6	2002-406/020-000	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

1-3-5	2002-405/011-000	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

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

5-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB Inline; plain; 1,500 WMB markers (5 mm)/reel; 5 … 5.2 mm stretchable

white	2009-115	1

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5

Triple-deck marker carrier; pivoting

gray	2002-131	50 (25)

❶ Conductor range: 0.25 … 4 mm² “s+f-st”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Terminal blocks with an Ex mark are suitable for Ex e II applications.
440 V, 19 A
17 A jumper
(see Section 15)

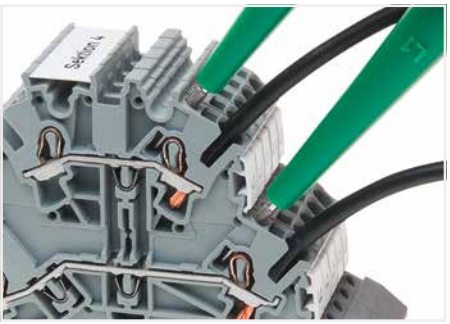
Please observe the application notes:
Jumpers, from page 174
Testing accessories, page 173
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

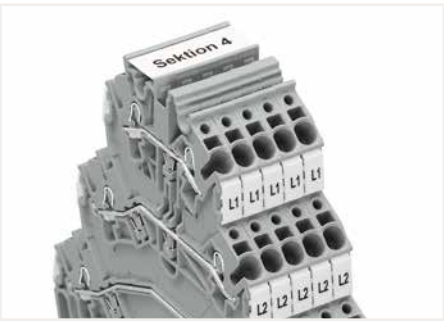
Creating spacer housings for electric motor wiring rail-mount terminal blocks via lockout caps (2002-192) for conductor entry and operating slot.

In addition to rail-mount terminal blocks for electric motor wiring, special versions are also available.

- Version without ground contact and only two potentials:
  These terminal blocks were custom designed to support additional functions, such as engine brakes or temperature sensors. Sharing a common profile, this terminal block version can be put next to the appropriate electric motor wiring terminal block without using intermediate plates. That makes the rail assembly easier to understand and wire. This also prevents wiring errors as no conductor entry is unused.
- Version without ground contact and with three potentials:
  Clearly designated clamping units are the primary advantage to this terminal block design. When using devices with protective insulation, for example, there are no open ground clamping units that could create confusion.



Testing with voltage tester.



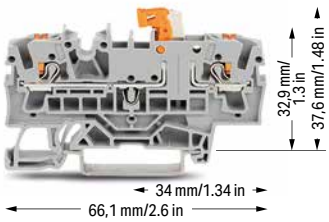
Marking clamping points via WMB Multi Marking System. Group marking via marking strips (Item No. 709-177).

Disconnect/Test Terminal Block, Fuse Terminal Block, Carrier Terminal Block, Through Terminal Block TOPJOB® S; with Push-Button

2.5 (4) mm²; 2202 Series

1

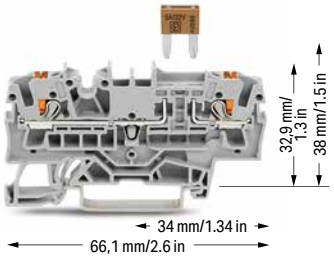
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor disconnect/test terminal block; with push-button; with test point; orange disconnect link

Color	Item No.	VPE
gray	2202-1671	50
blue	2202-1674	50
orange	2202-1672	50

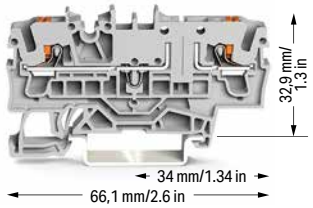
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 10 A
I_N 10 A ❸	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	VPE
gray	2202-1681	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor carrier terminal block; with push-button; with test point

Color	Item No.	VPE
gray	2202-1661	50

Accessories; item-specific

Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

orange	2002-401	100 (25)

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-1692	100 (25)
gray	2002-1691	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Delta jumper; insulated; I_N = I_N terminal block; light gray

1-2 3-4 5-6	2002-406/020-000	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

1-3-5	2002-405/011-000	25

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

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

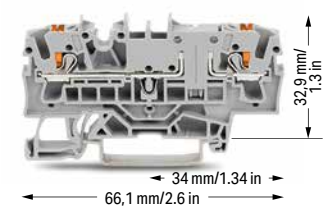
Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

1-3	2002-473/011-000	25
1-3-5	2002-475/011-000	25
1-3-5-7	2002-477/011-000	25
1-3-5-7-9	2002-479/011-000	25
1-3-5-7-9-11	2002-481/011-000	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



❶ Conductor range: 0.25 … 4 mm² “s+f-st”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Observe touch-proof protection for 42 V and higher voltages!
- 10 A (individual arrangement)
- 5 A (block arrangement)

Blade-style fuses are not offered by WAGO.

Please observe the application notes:
Jumpers, from page 174
Testing accessories, from page 169
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; with push-button; with test point; same profile as 2-conductor disconnect terminal block

Color	Item No.	VPE
gray	2202-1601	50
blue	2202-1604	50
orange	2202-1602	50

Other terminal blocks with the same profile:		
Fuse	2202-1611	Page 102

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2002-549	100 (25)

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB Inline; plain; 1,500 WMB markers (5 mm)/reel; stretchable 5 … 5.2 mm

white	2009-115	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

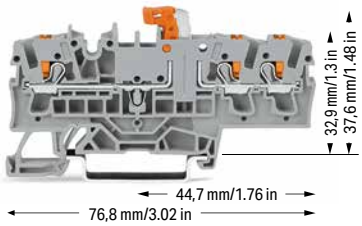
plain	793-5501	5

Disconnect/Test Terminal Block, Fuse Terminal Block, Carrier Terminal Block, Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Push-Button

2.5 (4) mm²; 2202 Series

1

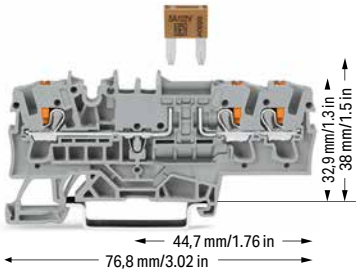
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor disconnect/test terminal block; with push-button; with test point; orange disconnect link

Color	Item No.	VPE
gray	2202-1771	50
blue	2202-1774	50
orange	2202-1772	50

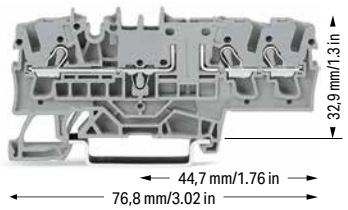
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 10 A
I_N 10 A ❸	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point
Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	VPE
gray	2202-1781	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor carrier terminal block; with push-button; with test point

Color	Item No.	VPE
gray	2202-1761	50

Accessories; item-specific

Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

orange	2202-401	100 (25)

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2202-1792	100 (25)
gray	2202-1791	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2202-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2202-172	200 (25)

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

1-3-5	2002-405/011-000	25

Delta jumper; insulated; I_N = I_N terminal block; light gray

1-2 3-4 5-6	2002-406/020-000	25

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

2-way	2002-400	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

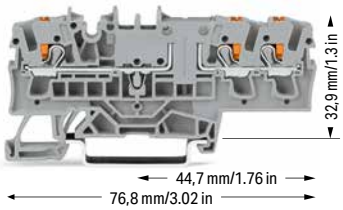
Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

1-3	2002-473/011-000	25
1-3-5	2002-475/011-000	25
1-3-5-7	2002-477/011-000	25
1-3-5-7-9	2002-479/011-000	25
1-3-5-7-9-11	2002-481/011-000	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



❶ Conductor range: 0.25 … 4 mm² "s+f-st"; Push-in termination: 1 … 4 mm² "s" and 1 … 2.5 mm² "insulated ferrules, 12 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Observe touch-proof protection for 42 V and higher voltages!
- 10 A (individual arrangement)
- 5 A (block arrangement)

Blade-style fuses are not offered by WAGO.

Please observe the application notes:
Jumpers, from page 174
Testing accessories, from page 169
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

3-conductor through terminal block; with push-button; with test point; same profile as 3-conductor disconnect terminal block

Color	Item No.	VPE
gray	2202-1701	50
blue	2202-1704	50
orange	2202-1702	50

3-conductor ground terminal block; with push-button; with test point

green-yellow	2202-1707	50

Other terminal blocks with the same profile:

Fuse	2202-1711	Page 102

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB Inline; plain; 1,500 WMB markers (5 mm)/reel; stretchable 5 … 5.2 mm

white	2009-115	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

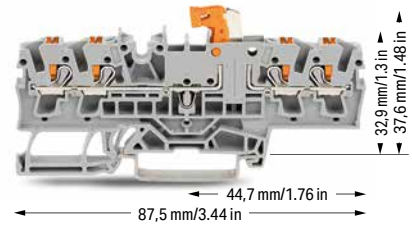
gray	2002-549	100 (25)

Disconnect/Test Terminal Block, Fuse Terminal Block, Carrier Terminal Block, Through Terminal Block TOPJOB® S; with Push-Button

2.5 (4) mm²; 2202 Series

1

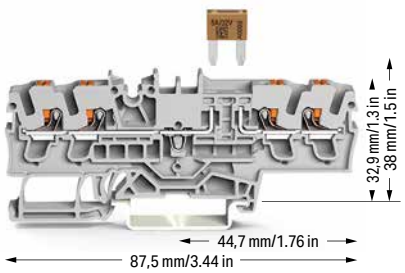
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



4-conductor disconnect/test terminal block; with push-button; with test point; orange disconnect link

Color	Item No.	VPE
gray	2202-1871	50
blue	2202-1874	50
orange	2202-1872	50

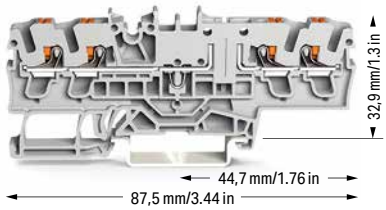
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 10 A
I_N 10 A ❸	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



4-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point
Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	VPE
gray	2202-1881	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



4-conductor carrier terminal block; with push-button; with test point

Color	Item No.	VPE
gray	2202-1861	50

Accessories; item-specific

Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

orange	2002-401	100 (25)

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-1892	100 (25)
gray	2002-1891	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Delta jumper; insulated; I_N = I_N terminal block; light gray

1-2 3-4 5-6	2002-406/020-000	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

1-3-5	2002-405/011-000	25

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

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

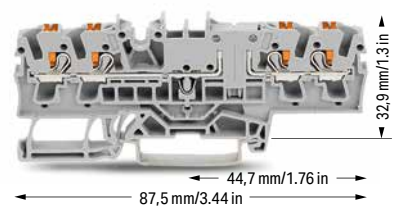
Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

1-3	2002-473/011-000	25
1-3-5	2002-475/011-000	25
1-3-5-7	2002-477/011-000	25
1-3-5-7-9	2002-479/011-000	25
1-3-5-7-9-11	2002-481/011-000	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



❶ Conductor range: 0.25 … 4 mm² “s+f-st”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Observe touch-proof protection for 42 V and higher voltages!
- 10 A (individual arrangement)
- 5 A (block arrangement)

Blade-style fuses are not offered by WAGO.

Please observe the application notes:
Jumpers, from page 174
Testing accessories, from page 169
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

4-conductor through terminal block; with push-button; with test point; same profile as 4-conductor disconnect terminal block

Color	Item No.	VPE
gray	2202-1801	50
blue	2202-1804	50
orange	2202-1802	50

Other terminal blocks with the same profile:

Fuse	2202-1811	Page 103

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2002-549	100 (25)

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB Inline; plain; 1,500 WMB markers (5 mm)/reel; stretchable 5 … 5.2 mm

white	2009-115	1

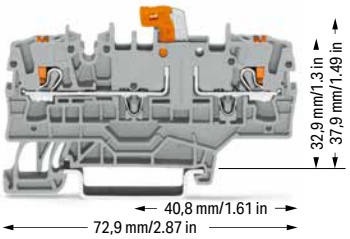
WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

Disconnect/Test Terminal Block, Fuse Terminal Block, Carrier Terminal Block, Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Push-Button; with Additional Jumper Slot 2.5 (4) mm²; 2202 Series

1

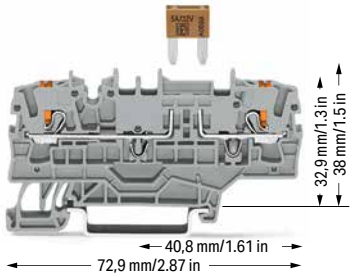
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor disconnect/test terminal block; with push-button; with test point; orange disconnect link; with additional jumper slot

Color	Item No.	VPE
gray	2202-1971	50
blue	2202-1974	50
orange	2202-1972	50

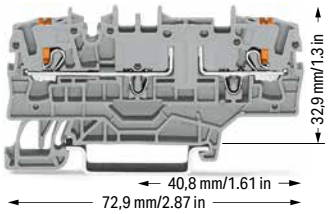
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 10 A
I_N 10 A ❸	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point; without blown fuse indication; with additional jumper slot
Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	VPE
gray	2202-1981	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor carrier terminal block; with push-button; with test point; with additional jumper slot

Color	Item No.	VPE
gray	2202-1961	50

Accessories; item-specific

Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

	orange	2202-401	100 (25)

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

	orange	2202-1992	100 (25)
	gray	2202-1991	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

	light gray	2202-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

	dark gray	2202-172	200 (25)

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

	2-way	2202-402	25
	3-way	2202-403	25
	4-way	2202-404	25
	5-way	2202-405	25
	6-way	2202-406	25
	7-way	2202-407	25
	8-way	2202-408	25
	9-way	2202-409	25
	10-way	2202-410	25

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

	1 to 3	2202-433	25
	1 to 4	2202-434	25
	1 to 5	2202-435	25
	1 to 6	2202-436	25
	1 to 7	2202-437	25
	1 to 8	2202-438	25
	1 to 9	2202-439	25
	1 to 10	2202-440	25

Delta jumper; insulated; I_N = I_N terminal block; light gray

	1-2 3-4 5-6	2002-406/020-000	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

	1-3-5	2002-405/011-000	25

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

	2-way	2002-400	25

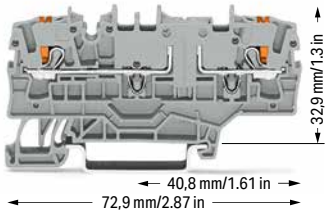
Staggered jumper; insulated; I_N 25 A; light gray

	2-way	2002-472	25
	3-way	2002-473	25
	4-way	2002-474	25
	5-way	2002-475	25
	6-way	2002-476	25
	7-way	2002-477	25
	8-way	2002-478	25
	9-way	2002-479	25
	10-way	2002-480	25
	11-way	2002-481	25
	12-way	2002-482	25

Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

	1-3	2002-473/011-000	25
	1-3-5	2002-475/011-000	25
	1-3-5-7	2002-477/011-000	25
	1-3-5-7-9	2002-479/011-000	25
	1-3-5-7-9-11	2002-481/011-000	25

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



❶ Conductor range: 0.25 … 4 mm² “s+f-st”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Observe touch-proof protection for 42 V and higher voltages!
- 10 A (individual arrangement)
- 5 A (block arrangement)

Blade-style fuses are not offered by WAGO.

Please observe the application notes:
Jumpers, from page 174
Testing accessories, from page 169
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; with push-button; with test point; with additional jumper slot; same profile as 2-conductor disconnect terminal block

Color	Item No.	VPE
gray	2202-1901	50
blue	2202-1904	50
orange	2202-1902	50

2-conductor ground terminal block; with push-button; with test point; with additional jumper slot

green-yellow	2202-1907	50

Other terminal blocks with the same profile:

Fuse	2202-1911	Page 102

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB Inline; plain; 1,500 WMB markers (5 mm)/reel; stretchable 5 … 5.2 mm

white	2009-115	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

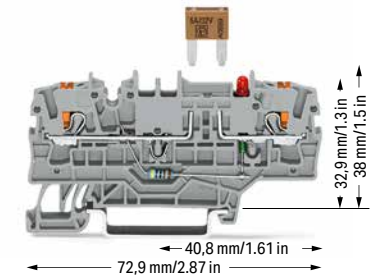
gray	2002-549	100 (25)

Fuse Terminal Block TOPJOB® S; with Push-Button; for Mini-Automotive Blade-Style Fuse; with Additional Jumper Slot

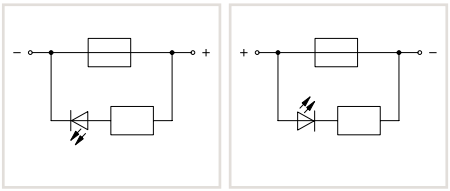
2.5 (4) mm²; 2202 Series

1

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	12 V, 10 A
I_N 10 A ❸	12 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



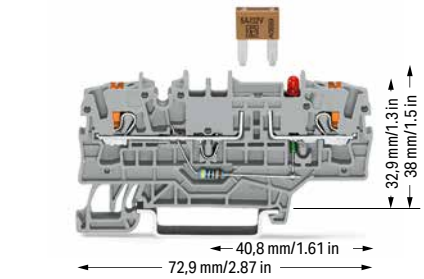
2202-1981/1000-429 2202-1981/1000-449



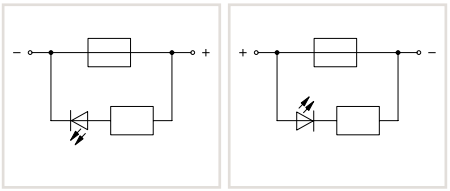
2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point; 12 V; with blown fuse indication by LED; LED power consumption: 4.8 mA; with additional jumper slot; gray
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

	Item No.	Pack. Unit
○ anode right	2202-1981/1000-429	50
○ anode left	2202-1981/1000-449	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	24 V, 10 A
I_N 10 A ❸	24 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



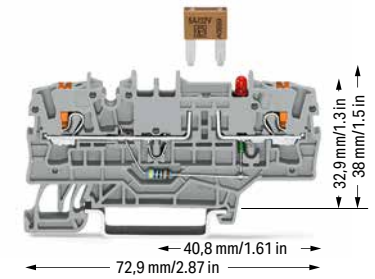
2202-1981/1000-413 2202-1981/1000-434



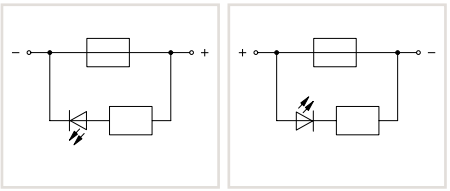
2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point; 24 V; with blown fuse indication by LED; LED power consumption: 4.8 mA; with additional jumper slot; gray
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

	Item No.	Pack. Unit
○ anode right	2202-1981/1000-413	50
○ anode left	2202-1981/1000-434	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	48 V, 10 A
I_N 10 A ❸	48 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2202-1981/1000-414 2202-1981/1000-435



2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point; 48 V; with blown fuse indication by LED; LED power consumption: 4.8 mA; with additional jumper slot; gray
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

	Item No.	Pack. Unit
○ anode right	2202-1981/1000-414	50
○ anode left	2202-1981/1000-435	50

Other terminal blocks with the same profile		
Through	2202-1901	Page 99

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-1992	100 (25)
gray	2002-1991	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

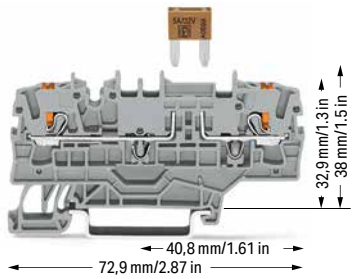
Adjacent jumper for continuous commoning; insulated; I_N 25 A; light gray

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 10 A
I_N 10 A ❸	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



❶ Conductor range: 0.25 … 2.5 mm² “s+f-st” and 0.25 … 4 mm² “s”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Observe touch-proof protection for 42 V and higher voltages!
- 10 A (individual arrangement)
- 5 A (block arrangement)

Blade-style fuses are not offered by WAGO.

Please observe the application notes:
Jumpers, from page 174
Testing accessories, from page 169
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point; without blown fuse indication; with additional jumper slot
Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	Pack. Unit
gray	2202-1981	50

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB Inline; plain; 1,500 WMB markers (5 mm)/reel; stretchable 5 … 5.2 mm

white	2009-115	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

Double-deck marker carrier; pivoting

gray	2002-121	50 (25)

Fused Disconnect Terminal Block with a Pivoting Fuse Holder TOPJOB® S; with Push-Button; for (5 x 20) mm Glass Cartridge Fuse

2.5 (4) mm²; 2202 Series

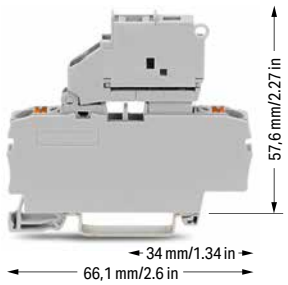
1

Technical Data

0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 10 A
I_N 6.3 A	250 V, 10 A

Terminal block width: 6.2 mm / 0.244 inch

10 … 12 mm / 0.39 … 0.47 inch



2-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; for (5 x 20) mm glass cartridge fuse; without blown fuse indication
Electrical ratings are given by the fuse.

	Item No.	Pack. Unit
○ gray	2202-1611	50

2-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; for (5 x 20) mm glass cartridge fuse; with blown fuse indication by LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

○ 12 … 30 V	2202-1611/1000-541	50
○ 30 … 65 V	2202-1611/1000-542	50
○ 120 V	2202-1611/1000-867	50
○ 230 V	2202-1611/1000-836	50

Other terminal blocks with the same profile:

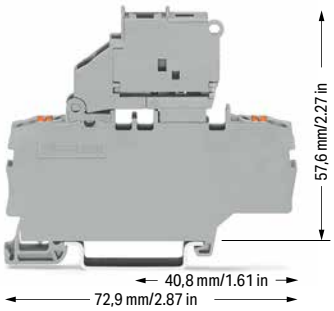
Through	2202-1601	Page 93

Technical Data

0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 10 A
I_N 6.3 A	250 V, 10 A

Terminal block width: 6.2 mm / 0.244 inch

10 … 12 mm / 0.39 … 0.47 inch



2-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; with additional jumper slot; for (5 x 20) mm glass cartridge fuse; without blown fuse indication
Electrical ratings are given by the fuse.

	Item No.	Pack. Unit
○ gray	2202-1911	50

2-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; with additional jumper slot; for (5 x 20) mm glass cartridge fuse; with blown fuse indication; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

○ 12 … 30 V	2202-1911/1000-541	50
○ 30 … 65 V	2202-1911/1000-542	50
○ 120 V	2202-1911/1000-867	50
○ 230 V	2202-1911/1000-836	50

Other terminal blocks with the same profile:

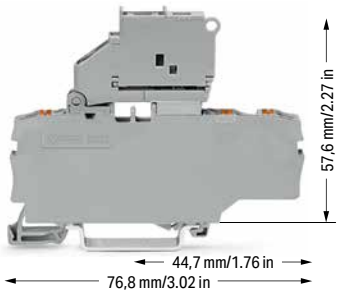
Through	2202-1901	Page 99

Technical Data

0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 10 A
I_N 6.3 A	250 V, 10 A

Terminal block width: 6.2 mm / 0.244 inch

10 … 12 mm / 0.39 … 0.47 inch



3-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; for (5 x 20) mm glass cartridge fuse; without blown fuse indication
Electrical ratings are given by the fuse.

	Item No.	Pack. Unit
○ gray	2202-1711	50

3-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; for (5 x 20) mm glass cartridge fuse; with blown fuse indication by LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

○ 12 … 30 V	2202-1711/1000-541	50
○ 30 … 65 V	2202-1711/1000-542	50
○ 120 V	2202-1711/1000-867	50
○ 230 V	2202-1711/1000-836	50

Other terminal blocks with the same profile:

Through	2202-1701	Page 95

Accessories; item-specific

Push-in type wire jumper; insulated; 1.5 mm² conductor cross section; I_N 18 A

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

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End plate for fuse terminal blocks; 2 mm thick

orange	2002-992	100 (25)
gray	2002-991	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

Interlocking link; mechanically locks multiple links; 1 m long

transparent	210-254	1

Push-in type jumper bar; insulated; I_N 32 A; light gray

2-way	2004-402	25
3-way	2004-403	25
4-way	2004-404	25
5-way	2004-405	25
6-way	2004-406	25
7-way	2004-407	25
8-way	2004-408	25
9-way	2004-409	25
10-way	2004-410	25

Push-in type jumper bar; insulated; I_N 32 A; light gray

1 to 3	2004-433	25
1 to 4	2004-434	25
1 to 5	2004-435	25
1 to 6	2004-436	25
1 to 7	2004-437	25
1 to 8	2004-438	25
1 to 9	2004-439	25
1 to 10	2004-440	25

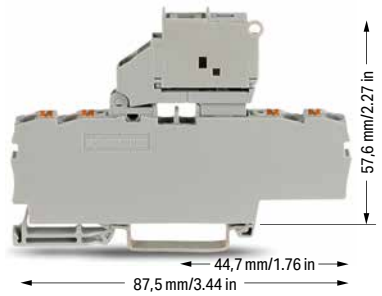
Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 10 A
I_N 6.3 A	250 V, 10 A
Terminal block width: 6.2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	



4-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; for (5 x 20) mm glass cartridge fuse; without blown fuse indication
Electrical ratings are given by the fuse.

	Item No.	Pack. Unit
gray	2202-1811	50

4-conductor fused disconnect terminal block with a pivoting fuse holder; with push-button; for (5 x 20) mm glass cartridge fuse; with blown fuse indication by LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

12 … 30 V	2202-1811/1000-541	50
30 … 65 V	2202-1811/1000-542	50
120 V	2202-1811/1000-867	50
230 V	2202-1811/1000-836	50

Other terminal blocks with the same profile:

Through	2202-1801	Page 97

❶ Conductor range: 0.25 … 2.5 mm² “s+f-st” and 0.25 … 4 mm² “s”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 250 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

Please observe the application notes:
Jumpers, page 164
Marking, from page 640

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

Approvals and corresponding ratings, visit www.wago.com

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			
2202-1611 2202-1711 2202-1811	1.6 W	1.6 W	2.5 W	2.5 W
2202-1611/….-…. 2202-1711/….-…. 2202-1811/….-….	1.6 W	1.6 W	2.5 W	2.5 W

When selecting glass cartridge fuses, make sure that the maximum power loss listed below 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 block must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.

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			
2202-1911	1.6 W	1.6 W	2.5 W	2.5 W
2202-1911/….-….	1.6 W	1.6 W	2.5 W	2.5 W

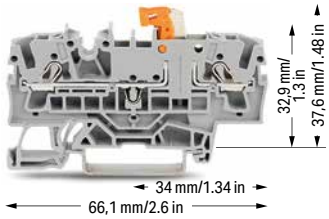
When selecting glass cartridge fuses, make sure that the maximum power loss listed below is not exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal block must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.

Disconnect/Test Terminal Block, Fuse Terminal Block, Carrier Terminal Block, Through Terminal Block TOPJOB® S

2.5 (4) mm²; 2002 Series

1

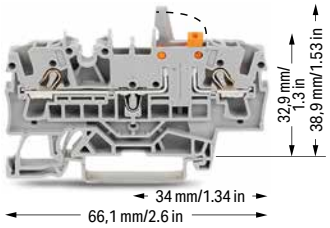
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor disconnect/test terminal block; with test point; orange disconnect link

Color	Item No.	VPE
gray	2002-1671 ❺	50
blue	2002-1674 ❹ ❺	50
orange	2002-1672 ❺	50

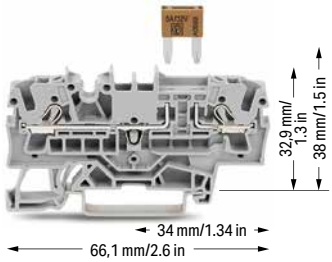
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor disconnect/test terminal block; with mechanical interlock; with test point; orange disconnect link

Color	Item No.	VPE
gray	2002-1671/401-000 ❺	50
blue	2002-1674/401-000 ❹ ❺	50
orange	2002-1672/401-000 ❺	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	250 V, 10 A
I_N 10 A ❸	250 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor fuse terminal block; for mini-automotive blade-style fuse; with test point
Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	VPE
gray	2002-1681 ❺	50

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-1692	100 (25)
gray	2002-1691	100 (25)

Ex e/Ex i separator; orange; 3 mm thick

120 mm	209-191	50 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Delta jumper; insulated; I_N = I_N terminal block; light gray

1-2 3-4 5-6	2002-406/020-000	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

1-3-5	2002-405/011-000	25

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

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

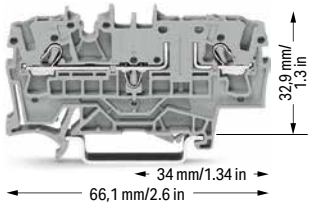
Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

1-3	2002-473/011-000	25
1-3-5	2002-475/011-000	25
1-3-5-7	2002-477/011-000	25
1-3-5-7-9	2002-479/011-000	25
1-3-5-7-9-11	2002-481/011-000	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

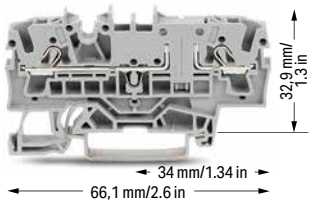
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor carrier terminal block; with test point

Color	Item No.	VPE
gray	2002-1661 ❺	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor through terminal block; with test point; same profile as 2-conductor disconnect terminal block

Color	Item No.	VPE
gray	2002-1601 ❺	50
blue	2002-1604 ❹ ❺	50
orange	2002-1602 ❺	50

Other terminal blocks with the same profile:

Fuse	2002-1611	Page 112

Accessories; item-specific

Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

orange	2002-401	100 (25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2002-115	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2002-549	100 (25)

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB Inline; plain; 1,500 WMB markers (5 mm)/reel; stretchable 5 … 5.2 mm

white	2009-115	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

❶ Conductor range: 0.25 … 4 mm² "s+f-st"; Push-in termination: 1 … 4 mm² "s" and 1 … 2.5 mm² "insulated ferrules, 12 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Observe touch-proof protection for 42 V and higher voltages!
- 10 A (individual arrangement)
- 5 A (block arrangement)

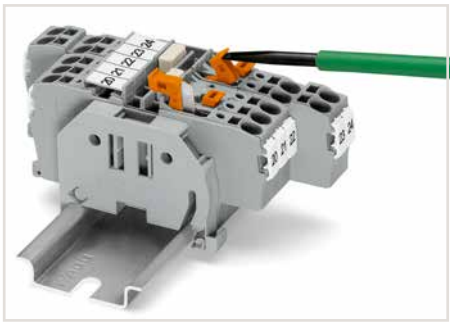
❹ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

❺ Terminal blocks with an Ex mark are suitable for Ex e II applications.
440 V; 17 A
(see Section 15)

Blade-style fuses are not offered by WAGO.

Please observe the application notes:
Jumpers, from page 174
Testing accessories, from page 169
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com



Disconnect/test terminal block with pivoting knife disconnect – opening a knife disconnect.

Disconnect/test terminal block with pivoting knife disconnect – closing the knife disconnect.

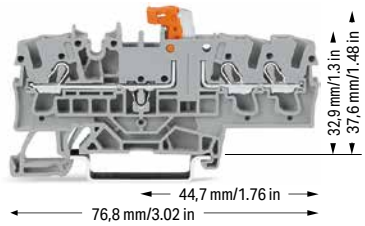
Disconnect/test terminal block with pivoting knife disconnect – testing with voltage tester.

Disconnect/Test Terminal Block, Fuse Terminal Block, Carrier Terminal Block, Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S

2.5 (4) mm²; 2002 Series

1

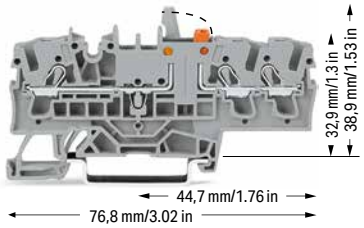
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor disconnect/test terminal block; with test point; orange disconnect link

Color	Item No.	VPE
gray	2002-1771 ❺	50
blue	2002-1774 ❹ ❺	50
orange	2002-1772 ❺	50

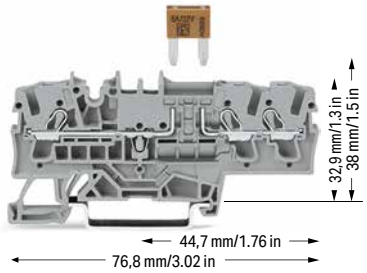
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor disconnect/test terminal block; with mechanical interlock; with test point; orange disconnect link

Color	Item No.	VPE
gray	2002-1771/401-000 ❺	50
blue	2002-1774/401-000 ❹ ❺	50
orange	2002-1772/401-000 ❺	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	250 V, 10 A
I_N 10 A ❸	250 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor fuse terminal block; for mini-automotive blade-style fuse; with test point
Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	VPE
gray	2002-1781 ❺	50

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-1792	100 (25)
gray	2002-1791	100 (25)

Ex e/Ex i separator; orange; 3 mm thick

120 mm	209-191	50 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

Delta jumper; insulated; I_N = I_N terminal block; light gray

1-2 3-4 5-6	2002-406/020-000	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

1-3-5	2002-405/011-000	25

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

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

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

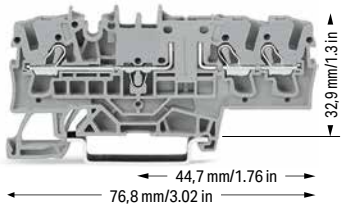
Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

1-3	2002-473/011-000	25
1-3-5	2002-475/011-000	25
1-3-5-7	2002-477/011-000	25
1-3-5-7-9	2002-479/011-000	25
1-3-5-7-9-11	2002-481/011-000	25

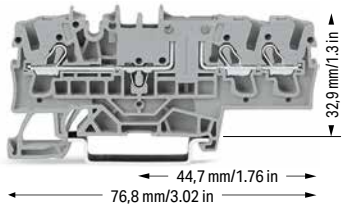
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor carrier terminal block; with test point

Color	Item No.	VPE
gray	2002-1761 ❺	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor through terminal block; with test point; same profile as 3-conductor disconnect terminal block

Color	Item No.	VPE
gray	2002-1701 ❺	50
blue	2002-1704 ❹ ❺	50
orange	2002-1702 ❺	50

3-conductor ground terminal block; mit Prüfmöglichkeit

green-yellow	2002-1707 ❺	50

Other terminal blocks with the same profile:

Fuse	2002-1711	Page 112

Accessories; item-specific

Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

orange	2002-401	100 (25)

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2002-115	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2002-549	100 (25)

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB Inline; plain; 1,500 WMB markers (5 mm)/reel; stretchable 5 … 5.2 mm

white	2009-115	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

❶ Conductor range: 0.25 … 4 mm² "s+f-st"; Push-in termination: 1 … 4 mm² "s" and 1 … 2.5 mm² "insulated ferrules, 12 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Observe touch-proof protection for 42 V and higher voltages!
- 10 A (individual arrangement)
- 5 A (block arrangement)

❹ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

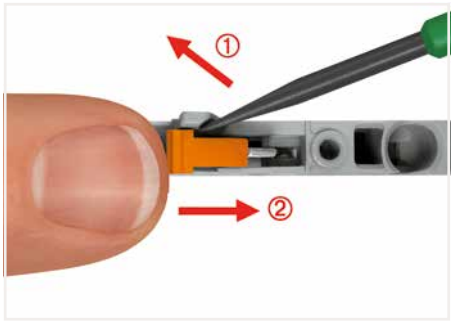
❺ Terminal blocks with an Ex mark are suitable for Ex e II applications.
440 V; 17 A
(see Section 15)

Blade-style fuses are not offered by WAGO.

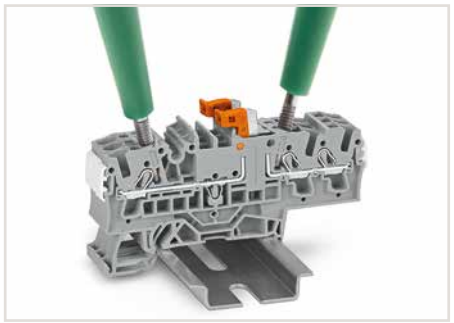
Please observe the application notes:
Jumpers, from page 174
Testing accessories, from page 169
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

Disconnect/test terminal block with pivoting knife disconnect and mechanical interlock – knife disconnect in open position



Disconnect/test terminal block with pivoting knife disconnect and mechanical interlock – closing the knife disconnect.



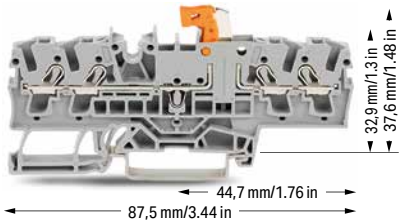
Disconnect/test terminal block with pivoting knife disconnect – testing with voltage tester.

Disconnect/Test Terminal Block, Fuse Terminal Block, Carrier Terminal Block, Through Terminal Block TOPJOB® S

2.5 (4) mm²; 2002 Series

1

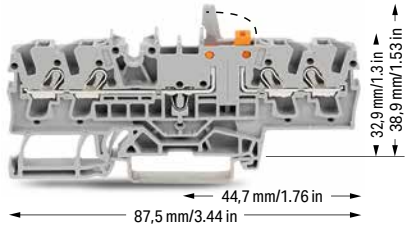
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



4-conductor disconnect/test terminal block; with test point; orange disconnect link

Color	Item No.	VPE
gray	2002-1871 ❺	50
blue	2002-1874 ❹ ❺	50
orange	2002-1872 ❺	50

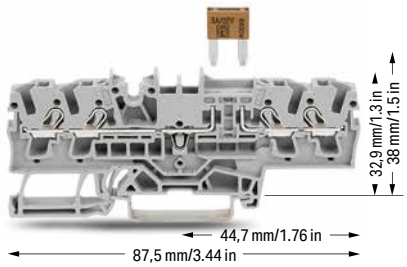
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



4-conductor disconnect/test terminal block; with mechanical interlock; with test point; orange disconnect link

Color	Item No.	VPE
gray	2002-1871/401-000 ❺	50
blue	2002-1874/401-000 ❹ ❺	50
orange	2002-1872/401-000 ❺	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	250 V, 10 A
I_N 10 A ❸	250 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



4-conductor fuse terminal block; for mini-automotive blade-style fuse; with test point
Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	VPE
gray	2002-1881 ❺	50

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

	orange	2002-1892	100 (25)
	gray	2002-1891	100 (25)

Ex e/Ex i separator; orange; 3 mm thick

	120 mm	209-191	50 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

	light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

	dark gray	2002-172	200 (25)

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

	2-way	2002-402	25
	3-way	2002-403	25
	4-way	2002-404	25
	5-way	2002-405	25
	6-way	2002-406	25
	7-way	2002-407	25
	8-way	2002-408	25
	9-way	2002-409	25
	10-way	2002-410	25

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

	1 to 3	2002-433	25
	1 to 4	2002-434	25
	1 to 5	2002-435	25
	1 to 6	2002-436	25
	1 to 7	2002-437	25
	1 to 8	2002-438	25
	1 to 9	2002-439	25
	1 to 10	2002-440	25

Delta jumper; insulated; I_N = I_N terminal block; light gray

	1-2 3-4 5-6	2002-406/020-000	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

	1-3-5	2002-405/011-000	25

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

	2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

	light gray	2002-423	25
	red	2002-423/000-005	25
	blue	2002-423/000-006	25

Staggered jumper; insulated; I_N 25 A; light gray

	2-way	2002-472	25
	3-way	2002-473	25
	4-way	2002-474	25
	5-way	2002-475	25
	6-way	2002-476	25
	7-way	2002-477	25
	8-way	2002-478	25
	9-way	2002-479	25
	10-way	2002-480	25
	11-way	2002-481	25
	12-way	2002-482	25

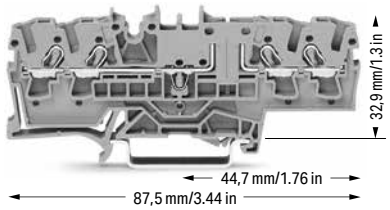
Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

	1-3	2002-473/011-000	25
	1-3-5	2002-475/011-000	25
	1-3-5-7	2002-477/011-000	25
	1-3-5-7-9	2002-479/011-000	25
	1-3-5-7-9-11	2002-481/011-000	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

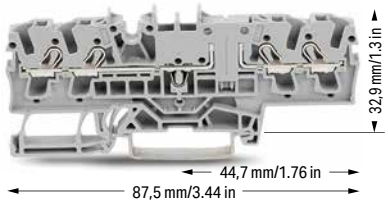
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



4-conductor carrier terminal block; with test point

Color	Item No.	VPE
gray	2002-1861 ❺	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



4-conductor through terminal block; with test point; same profile as 4-conductor disconnect terminal block

Color	Item No.	VPE
gray	2002-1801 ❺	50
blue	2002-1804 ❹ ❺	50
orange	2002-1802 ❺	50

Other terminal blocks with the same profile:

Fuse	2002-1811	Page 113

Accessories; item-specific

Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

orange 2002-401 100 (25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow 2002-115 100 (25)

Modular connector; snaps together; for jumper contact slot

gray 2002-511 100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray 2002-549 100 (25)

Marking strip; plain; 11 mm wide; 50 m reel

white 2009-110 1

WMB Inline; plain; 1,500 WMB markers (5 mm)/reel; stretchable 5 … 5.2 mm

white 2009-115 1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain 793-5501 5

❶ Conductor range: 0.25 … 4 mm² “s+f-st”; Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm” Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Observe touch-proof protection for 42 V and higher voltages!
- 10 A (individual arrangement)
- 5 A (block arrangement)

❹ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

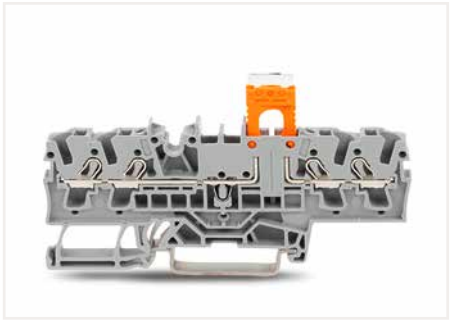
❺ Terminal blocks with an Ex mark are suitable for Ex e II applications.
440 V; 17 A
(see Section 15)

Blade-style fuses are not offered by WAGO.

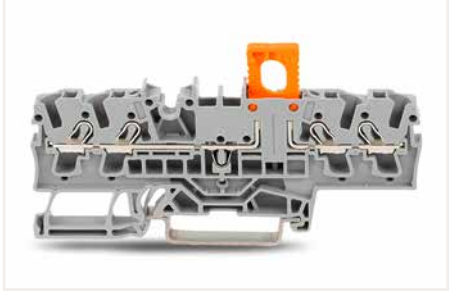
Please observe the application notes:
Jumpers, from page 174
Testing accessories, from page 169
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

Disconnect/test terminal block with pivoting knife disconnect and mechanical interlock – top view



Carrier terminal block (2002-1861) with disconnect plug (2002-401) in parked position



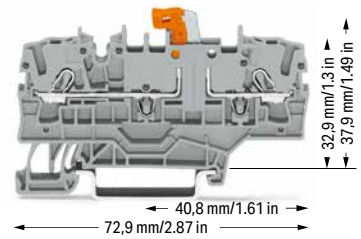
Carrier terminal block (2002-1861) with disconnect plug (2002-401) in operating position

Disconnect/Test Terminal Block, Fuse Terminal Block, Carrier Terminal Block, Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Additional Jumper Slot

2.5 (4) mm²; 2002 Series

1

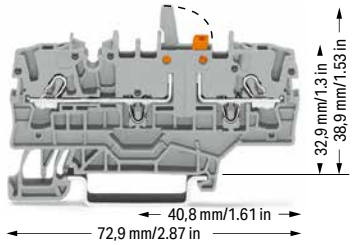
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor disconnect/test terminal block; with test point; orange disconnect link; with additional jumper slot

Color	Item No.	VPE
gray	2002-1971 ❺	50
blue	2002-1974 ❹ ❺	50
orange	2002-1972 ❺	50

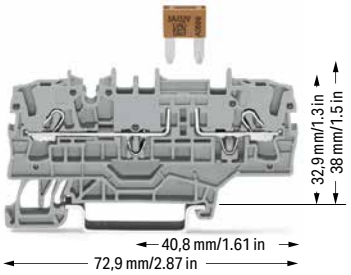
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor disconnect/test terminal block; with mechanical interlock; with test point; orange disconnect link; with additional jumper slot

Color	Item No.	VPE
gray	2002-1971/401-000 ❺	50
blue	2002-1974/401-000 ❹ ❺	50
orange	2002-1972/401-000 ❺	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	250 V, 10 A
I_N 10 A ❸	250 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor fuse terminal block; for mini-automotive blade-style fuse; with test point; without blown fuse indication; with additional jumper slot
Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	VPE
gray	2002-1981 ❺	50

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-1992	100 (25)
gray	2002-1991	100 (25)

Ex e/Ex i separator; orange; 3 mm thick

120 mm	209-191	50 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

Delta jumper; insulated; I_N = I_N terminal block; light gray

1-2 3-4 5-6	2002-406/020-000	25

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

1-3-5	2002-405/011-000	25

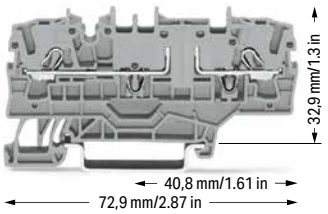
Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

1-3	2002-473/011-000	25
1-3-5	2002-475/011-000	25
1-3-5-7	2002-477/011-000	25
1-3-5-7-9	2002-479/011-000	25
1-3-5-7-9-11	2002-481/011-000	25

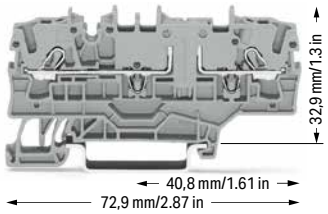
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor carrier terminal block; with test point; with additional jumper slot

Color	Item No.	VPE
gray	2002-1961 ❺	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-Leiter-Durchgangsklemme; mit Prüfmöglichkeit; with additional jumper slot; konturengleich zu 2-Leiter-Trennklemme
2-conductor through terminal block; with test point; same profile as 2-conductor disconnect terminal block

Color	Item No.	VPE
gray	2002-1901 ❺	50
blue	2002-1904 ❹ ❺	50
orange	2002-1902 ❺	50

2-conductor ground terminal block; mit Prüfmöglichkeit; with additional jumper slot

green-yellow	2002-1907 ❺	50

Other terminal blocks with the same profile:

Fuse	2002-1911	Page 112

❶ Conductor range: 0.25 … 4 mm² “s+f-st”; Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Observe touch-proof protection for 42 V and higher voltages!
- 10 A (individual arrangement)
- 5 A (block arrangement)

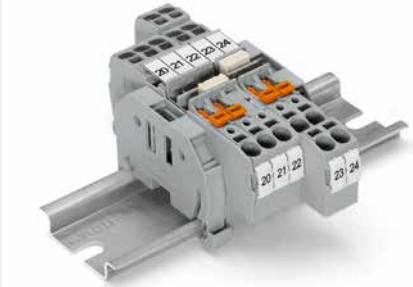
❹ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

❺ Terminal blocks with an Ex mark are suitable for Ex e II applications.
440 V; 17 A
(see Section 15)

Blade-style fuses are not offered by WAGO.

Please observe the application notes:
Jumpers, from page 174
Testing accessories, from page 169
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com



Through Terminal Blocks and Disconnect/Test Terminal Blocks
- One center and two side marker slots for WMB markers or marking strips
- Dual jumper slots in the same location as other 2002 Series terminal blocks
- Commoning options in front of or behind the knife disconnect, depending on the power supply direction

Accessories; item-specific

Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

orange	2002-401	100 (25)

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

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2002-115	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB Inline; plain; 1,500 WMB markers (5 mm)/reel; stretchable 5 … 5.2 mm

white	2009-115	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

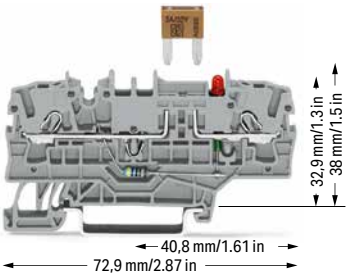
plain	793-5501	5

Fuse Terminal Block TOPJOB® S; for Mini-Automotive Blade-Style Fuse; with Additional Jumper Slot

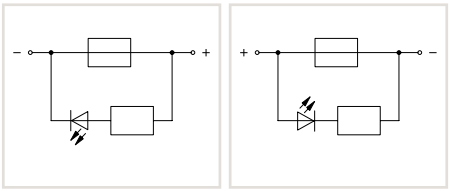
2.5 (4) mm²; 2002 Series

1

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	12 V, 10 A
I_N 10 A ❸	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



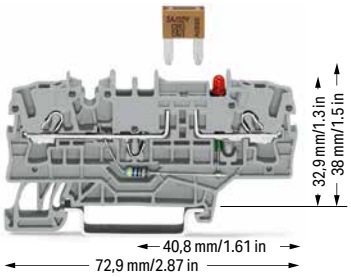
2002-1981/1000-429 2002-1981/1000-449



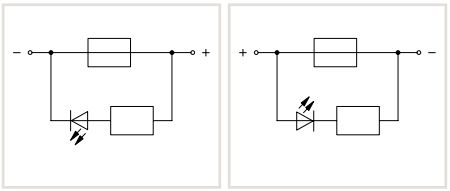
2-conductor fuse terminal block; for mini-automotive blade-style fuse; with test point; 12 V; with blown fuse indication by LED; LED power consumption: 4.8 mA; gray Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

	Item No.	Pack. Unit
○ anode right	2002-1981/1000-429 ❹	50
○ anode left	2002-1981/1000-449 ❹	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	24 V, 10 A
I_N 10 A ❸	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



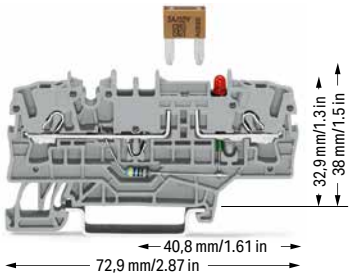
2002-1981/1000-413 2002-1981/1000-434



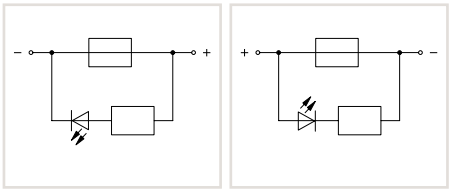
2-conductor fuse terminal block; for mini-automotive blade-style fuse; with test point; 24 V; with blown fuse indication by LED; LED power consumption: 4.8 mA; gray Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

	Item No.	Pack. Unit
○ anode right	2002-1981/1000-413 ❹	50
○ anode left	2002-1981/1000-434 ❹	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	48 V, 10 A
I_N 10 A ❸	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2002-1981/1000-414 2002-1981/1000-435



2-conductor fuse terminal block; for mini-automotive blade-style fuse; with test point; 48 V; with blown fuse indication by LED; LED power consumption: 4.8 mA; gray Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

	Item No.	Pack. Unit
○ anode right	2002-1981/1000-414 ❹	50
○ anode left	2002-1981/1000-435 ❹	50

Other terminal blocks with the same profile:		
Through	2002-1901	Page 111

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-1992	100 (25)
gray	2002-1991	100 (25)

Ex e/Ex i separator; orange; 3 mm thick

120 mm	209-191	50 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2002-115	100 (25)

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

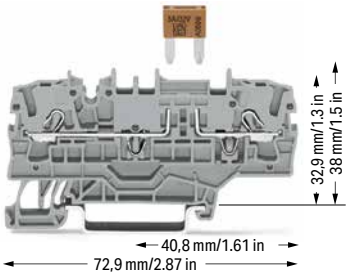
Adjacent jumper for continuous commoning; insulated; I_N 25 A, light gray

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	250 V, 10 A
I_N 10 A ❸	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



❶ Conductor range: 0.25 … 4 mm² “s+f-st”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

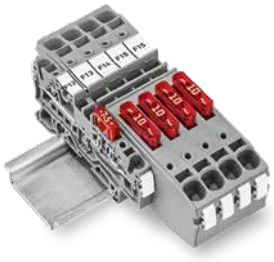
❸ Observe touch-proof protection for 42 V and higher voltages!
- 10 A (individual arrangement)
- 5 A (block arrangement)

❹ Terminal blocks with an Ex mark are suitable for Ex e II applications.
440 V; 17 A
(see Section 15)

Blade-style fuses are not offered by WAGO.

Please observe the application notes:
Jumpers, from page 174
Testing accessories, from page 169
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com



Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartridges can operate perfectly as protection (break-off point) if they are properly selected and used according to manufacturer specifications.
Nominal current ratings for fuse cartridges are defined differently in international standards.
This is why the recommended continuous current-carrying capacity of the fuses is a max. 80% of their nominal current according to DIN 72581/Part 3 (for a surrounding air temperature of 23°C).
With regard to product safety, fuse cartridges must generally be tested both under normal and faulty operating conditions within your application.

2-conductor fuse terminal block; for mini-automotive blade-style fuse; with test point; without blown fuse indication; with additional jumper slot
Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	Pack. Unit
gray	2002-1981 ❹	50

WMB Inline; plain; 1,500 WMB markers (5 mm)/reel; stretchable 5 … 5.2 mm

white	2009-115	1

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

Double-deck marker carrier; pivoting

gray	2002-121	50 (25)

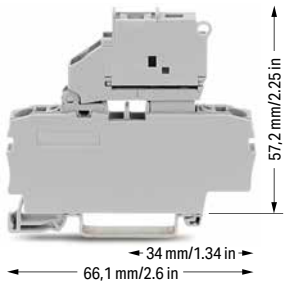
Fused Disconnect Terminal Block with Pivoting Fuse Holder TOPJOB® S; for 5 x 20 mm Glass Cartridge Fuse

2.5 (4) mm²; 2002 Series

1

Technical Data

0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 10 A
I_N 6,3 A	250 V, 10 A
Klemmenbreite 6,2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor fused disconnect terminal block with a pivoting fuse holder; for 5 x 20 mm glass cartridge fuse; without blown fuse indication
Electrical ratings are given by the fuse.

	Item No.	VPE
gray	2002-1611 ❸	50

2-conductor fused disconnect terminal block with a pivoting fuse holder; for 5 x 20 mm glass cartridge fuse; with blown fuse indication by LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

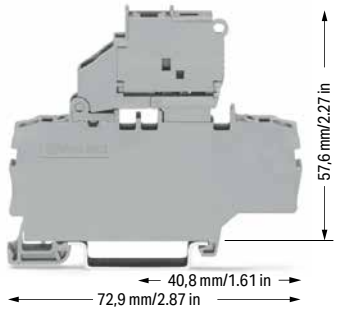
12 … 30 V	2002-1611/1000-541 ❸	50
30 … 65 V	2002-1611/1000-542 ❸	50
120 V	2002-1611/1000-867 ❸	50
230 V	2002-1611/1000-836 ❸	50

Other terminal blocks with the same profile:

Through	2002-1601	Page 105

Technical Data

0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 10 A
I_N 6,3 A	250 V, 10 A
Klemmenbreite 6,2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor fused disconnect terminal block with a pivoting fuse holder; with additional jumper slot; for 5 x 20 mm glass cartridge fuse; without blown fuse indication
Electrical ratings are given by the fuse.

	Item No.	VPE
gray	2002-1911 ❸	50

2-conductor fused disconnect terminal block with a pivoting fuse holder; with additional jumper slot; for 5 x 20 mm glass cartridge fuse; with blown fuse indication by LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

12 … 30 V	2002-1911/1000-541 ❸	50
30 … 65 V	2002-1911/1000-542 ❸	50
120 V	2002-1911/1000-867 ❸	50
230 V	2002-1911/1000-836 ❸	50

Accessories; item-specific

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

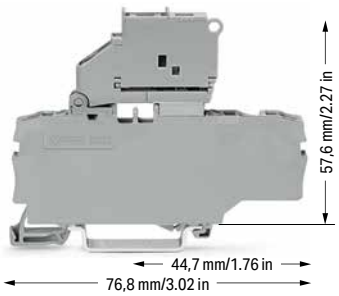
L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

Other terminal blocks with the same profile:

Through	2002-1901	Page 111

Technical Data

0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 10 A
I_N 6,3 A	250 V, 10 A
Klemmenbreite 6,2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor fused disconnect terminal block with a pivoting fuse holder; for 5 x 20 mm glass cartridge fuse; without blown fuse indication
Electrical ratings are given by the fuse.

	Item No.	VPE
gray	2002-1711 ❸	50

3-conductor fused disconnect terminal block with a pivoting fuse holder; for 5 x 20 mm glass cartridge fuse; with blown fuse indication by LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

12 … 30 V	2002-1711/1000-541 ❸	50
30 … 65 V	2002-1711/1000-542 ❸	50
120 V	2002-1711/1000-867 ❸	50
230 V	2002-1711/1000-836 ❸	50

Other terminal blocks with the same profile:

Through	2002-1701	Page 107

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End plate for fuse terminal blocks; 2 mm thick

orange	2002-992	100 (25)
gray	2002-991	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2002-115	100 (25)

Push-in type jumper bar; insulated; I_N 32 A; light gray

2-way	2004-402	25
3-way	2004-403	25
4-way	2004-404	25
5-way	2004-405	25
6-way	2004-406	25
7-way	2004-407	25
8-way	2004-408	25
9-way	2004-409	25
10-way	2004-410	25

Push-in type jumper bar; insulated; I_N 32 A; light gray

1 to 3	2004-433	25
1 to 4	2004-434	25
1 to 5	2004-435	25
1 to 6	2004-436	25
1 to 7	2004-437	25
1 to 8	2004-438	25
1 to 9	2004-439	25
1 to 10	2004-440	25

Interlocking link; mechanically locks multiple links; 1 m long

transparent	210-254	1

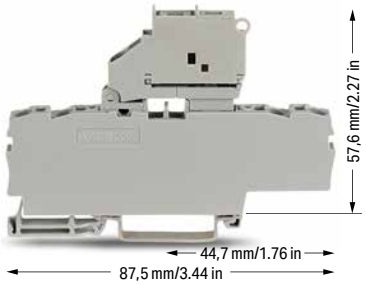
Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 10 A
I_N 6,3 A	250 V, 10 A
Klemmenbreite 6,2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	



4-conductor fused disconnect terminal block with a pivoting fuse holder; for 5 x 20 mm glass cartridge fuse; without blown fuse indication
Electrical ratings are given by the fuse.

	Item No.	VPE
gray	2002-1811 ❸	50

4-conductor fused disconnect terminal block with a pivoting fuse holder; for 5 x 20 mm glass cartridge fuse; with blown fuse indication by LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

12 … 30 V	2002-1811/1000-541 ❸	50
30 … 65 V	2002-1811/1000-542 ❸	50
120 V	2002-1811/1000-867 ❸	50
230 V	2002-1811/1000-836 ❸	50

Other terminal blocks with the same profile:

Through	2002-1801	Page 109

❶ Conductor range: 0.25 … 4 mm² “s+f-st”; Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

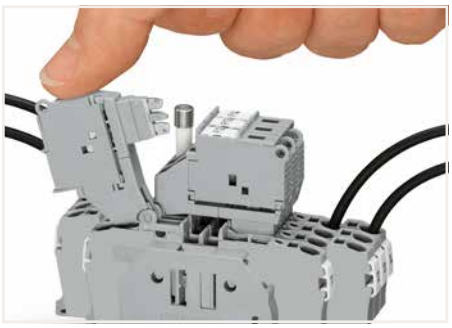
❷ 250 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Terminal blocks with an Ex mark are suitable for Ex e II applications.
250 V; 6.3 A
(see Section 15)

Please observe the application notes:
Jumpers, page 164
Marking, from page 640

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

Approvals and corresponding ratings, visit www.wago.com



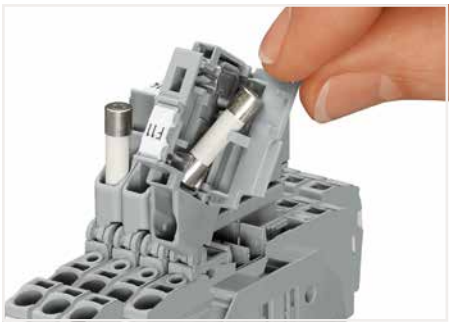
Fused disconnect terminal block with a pivoting fuse holder – pivoting the fuse holder into the locked open position.

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.

Glass cartridge fuse 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 2002-1711 2002-1811 2002-1611/….-…. 2002-1711/….-…. 2002-1811/….-….	1.6 W	1.6 W	2.5 W	2.5 W

When selecting glass cartridge fuses, make sure that the maximum power loss listed below 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 represent an additional impact on fuse cartridges. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.



Fused disconnect terminal block with a pivoting fuse holder – fuse replacement: Open the cover to replace the fuse.

Glass cartridge fuses 5 x 20

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

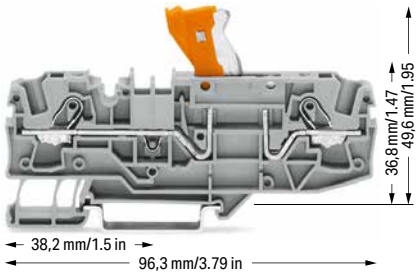
When selecting glass cartridge fuses, make sure that the maximum power loss listed below is not exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal blocks must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on fuse cartridges. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.

Disconnect Terminal Block, Ground Conductor Disconnect Terminal Block, Carrier Terminal Block, Through Terminal Block TOPJOB® S

6 (10) mm²; 2006 Series

1

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
800 V/8 kV/3 ❷	600 V, 30 A
I_N 30 A	600 V, 30 A
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	



2-conductor disconnect terminal block; with test point; orange disconnect link

Color	Item No.	Pack. Unit
gray	2006-1671	25
blue	2006-1674	25

Other terminal blocks with the same profile:

Through	2006-1601	Page 117

Accessories; item-specific

Push-in type jumper bar; insulated; I_N 41 A; light gray

2-way	2006-402	25
3-way	2006-403	25
4-way	2006-404	25
5-way	2006-405	25

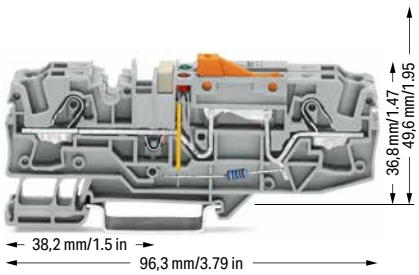
Push-in type jumper bar; insulated; I_N 41 A; light gray

1 to 3	2006-433	25
1 to 4	2006-434	25
1 to 5	2006-435	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

1-3-5	2006-405/011-000	25

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	



Ground conductor disconnect terminal block; with test point; orange disconnect link; gray

	Item No.	Pack. Unit
24 V	2006-1671/1000-848	12
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:

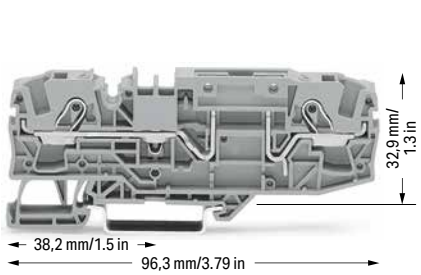
Through	2006-1601	Page 117

Accessories; item-specific

Push-in type jumper bar; insulated; I_N 41 A; light gray

2-way	2006-402	25

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
800 V/8 kV/3 ❷	600 V, 30 A
I_N 30 A	600 V, 30 A
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	



2-conductor carrier terminal block; with test point

Color	Item No.	Pack. Unit
gray	2006-1661	25
blue	2006-1664	25

Other terminal blocks with the same profile:

Through	2006-1601	Page 117

Accessories; item-specific

Push-in type jumper bar; insulated; I_N 41 A; light gray

2-way	2006-402	25
3-way	2006-403	25
4-way	2006-404	25
5-way	2006-405	25

Push-in type jumper bar; insulated; I_N 41 A; light gray

1 to 3	2006-433	25
1 to 4	2006-434	25
1 to 5	2006-435	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

1-3-5	2006-405/011-000	25

Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

orange	2006-401	100 (25)

Blind plug for carrier terminal block; indicates a disconnection

red	2006-451	100 (25)

Accessories; 2006 Series

Appropriate marking systems: WMB/Marking strips

End and intermediate plate; 1 mm thick

orange	2006-1692	100 (25)
gray	2006-1691	100 (25)

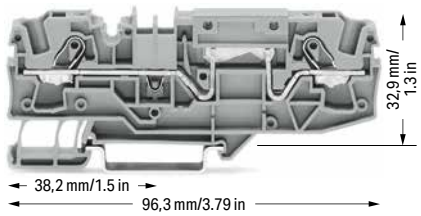
Lockout cap; for conductor entry and operating slot

gray	2006-191	25

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2006-115	100 (25)

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
800 V/8 kV/3 ❷	600 V, 30 A
I_N 30 A	600 V, 30 A
Terminal block width: 15 mm / 0.591 inch	
13 … 15 mm / 0.51 … 0.59 inch	

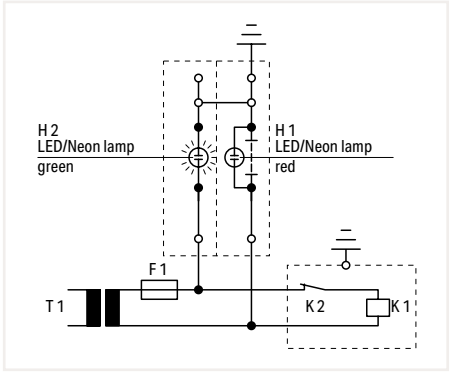


❶ Conductor range: 0.5 … 10 mm² "s+f-st";
Push-in termination: 2.5 … 10 mm² "s" and
2.5 … 6 mm² "insulated ferrules; 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

Please observe the application notes:
Jumpers, from page 177
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com



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

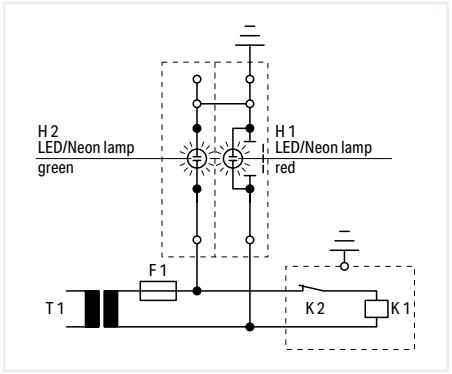
2-conductor through terminal block; with test point; same profile as 2-conductor disconnect terminal block		
Color	Item No.	Pack. Unit
gray	2006-1601	25
blue	2006-1604	25

Other terminal blocks with the same profile:		
Carrier	2006-1661	Page 116
Fuse	2006-1681	Page 118
Disconect	2006-1671	Page 116

IEC 60204/DIN VDE 0113 "Safety of machinery – Electrical equipment of machines – Part 1: General requirements," Section 9.4.3.1:

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

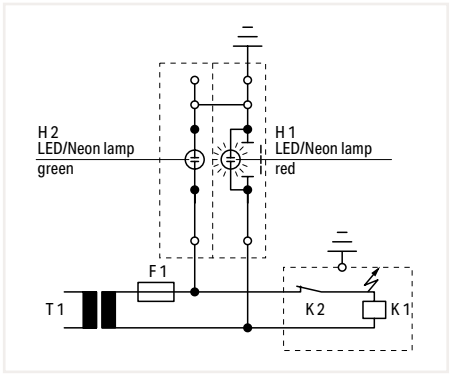
In order to fulfill this requirement, a connection to the protective bonding circuit must be provided in accordance with Section 8.2 and the devices must be connected as described in Section 9.1.4. Control circuits fed from a transformer and not connected to the protective bonding circuit must be provided 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.



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

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

Multipole control switches that interrupt all live conductors must 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 machine functions, which can cause a hazardous situation including: damaging the machine or halting work in progress in the event of unintentional starting or failure to stop.



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

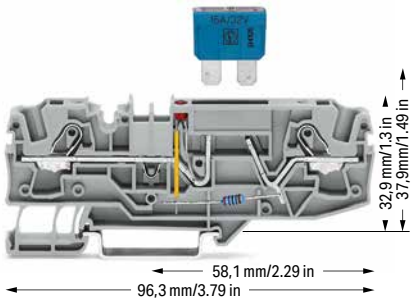
Accessories; item-specific			
Push-in type jumper bar; insulated; I_N 41 A; light gray			
	2-way	2006-402	25
	3-way	2006-403	25
	4-way	2006-404	25
	5-way	2006-405	25
Push-in type jumper bar; insulated; I_N 41 A; light gray			
	1 to 3	2006-433	25
	1 to 4	2006-434	25
	1 to 5	2006-435	25
Star point jumper; insulated; I_N = I_N terminal block; light gray			
	1-3-5	2006-405/011-000	25
Double-deck marker carrier; pivoting			
	gray	2002-121	50 (25)

Ground conductor disconnect terminal block – top view

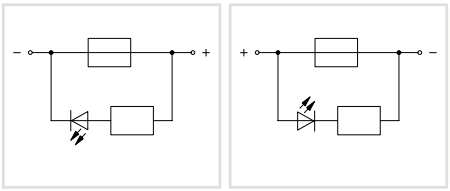
Fuse Terminal Block for Automotive Blade-Style Fuse TOPJOB® S
6 (10) mm²; 2006 Series

1

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
500 V/6 kV/3 ❷	12 V, 30 A
I_N 25 A (30 A) ❸	12 V, 30 A
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	



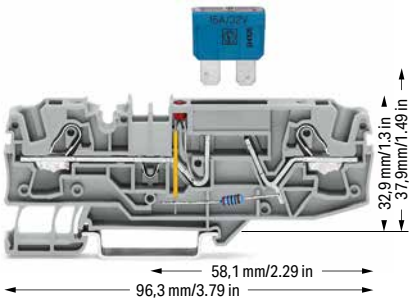
2006-1681/1000-429 2006-1681/1000-449



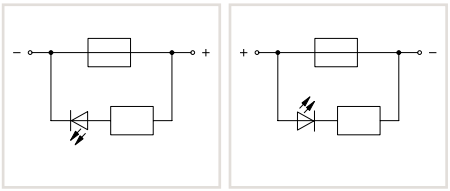
2-conductor fuse terminal block for automotive blade-style fuse; with test point; 12 V; with blown fuse indication by LED; LED power consumption: 4.8 mA
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	Pack. Unit
gray	2006-1681/1000-429	25
gray	2006-1681/1000-449	25

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
500 V/6 kV/3 ❷	24 V, 30 A
I_N 25 A (30 A) ❸	24 V, 30 A
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	



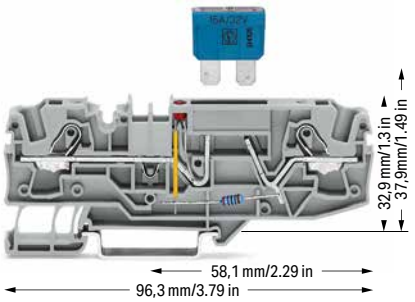
2006-1681/1000-413 2006-1681/1000-434



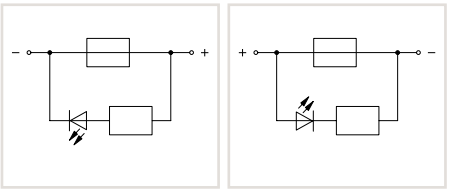
2-conductor fuse terminal block for automotive blade-style fuse; with test point; 24 V; with blown fuse indication by LED; LED power consumption: 4.8 mA
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	Pack. Unit
gray	2006-1681/1000-413	25
gray	2006-1681/1000-434	25

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
500 V/6 kV/3 ❷	48 V, 30 A
I_N 25 A (30 A) ❸	48 V, 30 A
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	



2006-1681/1000-414 2006-1681/1000-435



2-conductor fuse terminal block for automotive blade-style fuse; with test point; 48 V; with blown fuse indication by LED; LED power consumption: 4.8 mA
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	Pack. Unit
gray	2006-1681/1000-414	25
gray	2006-1681/1000-435	25

Other terminal blocks with the same profile:		
Through	2006-1601	Page 117

Accessories; 2006 Series

Appropriate marking systems: WMB/Marking strips

End and intermediate plate; 1 mm thick

orange	2006-1692	100 (25)
gray	2006-1691	100 (25)

Push-in type jumper bar; insulated; I_N 41 A; light gray

2-way	2006-402	25
3-way	2006-403	25
4-way	2006-404	25
5-way	2006-405	25

Push-in type jumper bar; insulated; I_N 41 A; light gray

1 to 3	2006-433	25
1 to 4	2006-434	25
1 to 5	2006-435	25

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2006-115	100 (25)

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

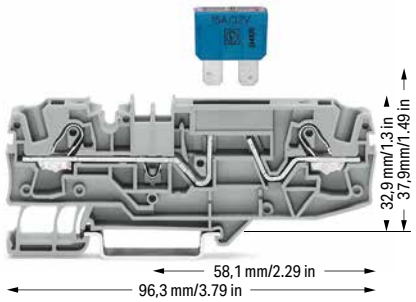
WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5

Double-deck marker carrier; pivoting

gray	2002-121	50 (25)

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
500 V/6 kV/3 ❷	600 V, 30 A
I_N 25 A (30 A)	600 V, 30 A
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	



❶ Conductor range: 0.5 … 10 mm² "s+f-st";
Push-in termination: 2.5 … 10 mm² "s" and
2.5 … 6 mm² "insulated ferrules; 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ LED power consumption: 4.8 mA

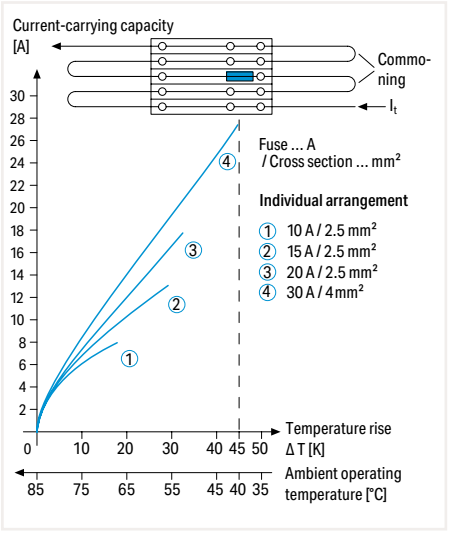
Blade-style fuses are not offered by WAGO.
Thermal automotive circuit breakers are not offered by WAGO.
WAGO recommends automotive circuit breakers from ETA.

Please observe the application notes:
Marking, from page 640

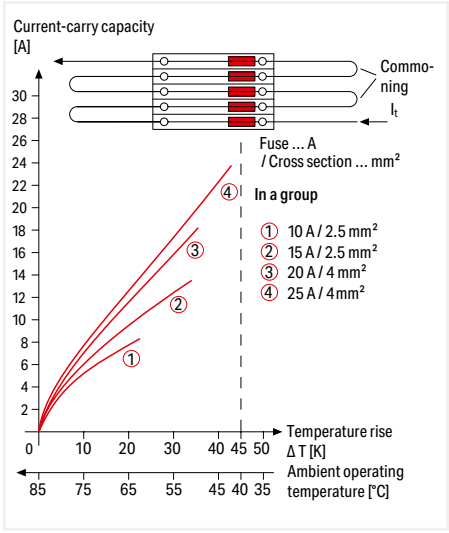
Approvals and corresponding ratings, visit www.wago.com

2-conductor fuse terminal block for automotive blade-style fuse; with test point; without blown fuse indication; Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

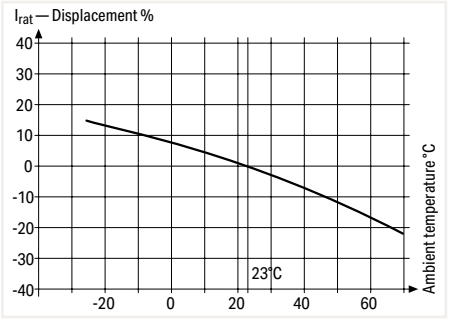
Color	Item No.	Pack. Unit
gray	2006-1681	25



Application Notes on Fuse Terminal Blocks
Diagram: Individual arrangement



Application Notes on Fuse Terminal Blocks
Diagram: Block arrangement



Application Notes on Fuse Terminal Blocks
Nominal current ratings for fuse cartridges are defined differently in international standards.
This is why the recommended continuous current-carrying capacity of the fuses is a max. 80% of their nominal current according to DIN 72581/Part 3 (for an surrounding air temperature of 23°C).
Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartridges will only operate perfectly as protection components (break-off point) if they are properly selected and used as intended (i.e., according to the state of the technology and valid specifications, as well as data sheet characteristics), according to basic safety requirements (i.e., persons, animals and property must be protected against hazards).

Information from the mini-automotive, blade-type fuse manufacturers

Derating T_{amb} /°C	%	F_T
– 25	14	0.877
– 20	13	0.885
– 15	12	0.893
– 10	11	0.901
– 5	10	0.909
0	9	0.917
5	8	0.926
10	6	0.943
15	4	0.962
20	2	0.980
23	0	1.000
30	– 2	1.020
35	– 4	1.042
40	– 6	1.064
45	– 8	1.087
50	– 10	1.111
55	– 13	1.149
60	– 16	1.190
65	– 19	1.235
70	– 22	1.282

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

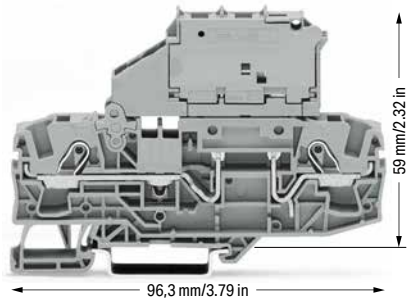
PUSH-IN CAGE CLAMP®

Fused Disconnect Terminal Block with Pivoting Fuse Holder TOPJOB® S; for 5 x 20 mm, 5 x 30 mm and ¼" x 1¼" Glass Cartridge Fuse

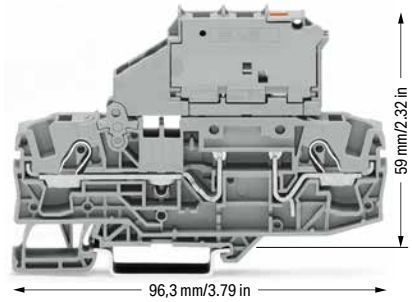
6 (10) mm²; 2006 Series

1

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
800 V/8 kV/3 ❷	600 V, 15 A
I_N 10 A	600 V, 15 A
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	



Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
800 V/8 kV/3 ❷	30 V, 15 A
I_N 10 A	30 V, 15 A
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	



❶ Conductor range: 0.5 … 10 mm² "s+f-st"; Push-in termination: 2.5 … 10 mm² "s" and 2.5 … 6 mm² "insulated ferrules; 12 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

Please observe the application notes:
Jumpers, from page 177
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

2-conductor fused disconnect terminal block with a pivoting fuse holder; without blown fuse indication
Electrical ratings are given by the fuse.

for 5 x 20 mm glass cartridge fuse

Color	Item No.	Pack. Unit
gray	2006-1611	25

for 5 x 30 mm glass cartridge fuse

gray	2006-1621	25

for ¼" x 1¼" glass cartridge fuse

gray	2006-1631	25

Other terminal blocks with the same profile:

Through	2006-1601	Page 117

2-conductor fused disconnect terminal block with a pivoting fuse holder; gray; with blown fuse indication by LED
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

for 5 x 20 mm glass cartridge fuse

	Item No.	Pack. Unit
12 … 30 V	2006-1611/1000-541	25
30 … 65 V	2006-1611/1000-542	25
120 V	2006-1611/1000-867	25
230 V	2006-1611/1000-836	25

for 5 x 30 mm glass cartridge fuse

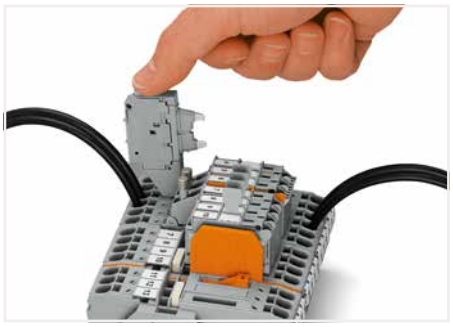
12 … 30 V	2006-1621/1000-541	25
30 … 65 V	2006-1621/1000-542	25
230 V	2006-1621/1000-836	25
380 … 500 V	2006-1621/1000-859	25

for ¼" x 1¼" glass cartridge fuse

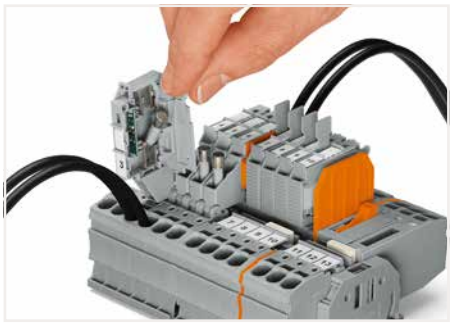
12 … 30 V	2006-1631/1000-541	25
30 … 65 V	2006-1631/1000-542	25
120 V	2006-1631/1000-867	25
230 V	2006-1631/1000-836	25
380 … 500 V	2006-1631/1000-859	25

Other terminal blocks with the same profile:

Through	2006-1601	Page 117



Fused disconnect terminal block with a pivoting fuse holder - pivoting the fuse holder into the locked open position.



Fused disconnect terminal block with a pivoting fuse holder – fuse replacement: Open the cover to replace the fuse.

Accessories; 2006 Series

Appropriate marking systems: WMB/Marking strips

End and intermediate plate; 1 mm thick

orange	2006-1692	100 (25)
gray	2006-1691	100 (25)

End plate for fuse terminal blocks; 2 mm thick

orange	2006-992	100 (25)
gray	2006-991	100 (25)

Push-in type jumper bar; insulated; I_N 41 A; light gray

2-way	2006-402	25
3-way	2006-403	25
4-way	2006-404	25
5-way	2006-405	25

Push-in type jumper bar; insulated; I_N 41 A; light gray

1 to 3	2006-433	25
1 to 4	2006-434	25
1 to 5	2006-435	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

1-3-5	2006-405/011-000	25

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2006-115	100 (25)

Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

red	210-136	50 (1)

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5

PUSH-IN CAGE CLAMP®

Fused Disconnect Terminal Block with Pivoting Fuse Holder TOPJOB® S; for ¼" x 1¼" Glass Cartridge Fuse

6 (10) mm²; 2006 Series

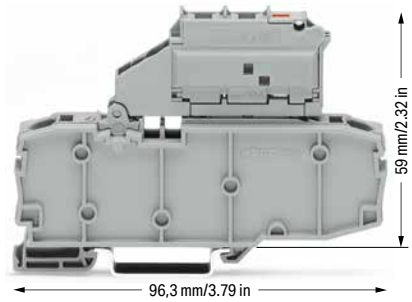
Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
800 V/8 kV/3 ❷	600 V, 15 A
I_N 10 A	600 V, 15 A
Terminal block width: 10.4 mm / 0.409 inch	
13 … 15 mm / 0.51 … 0.59 inch	

Fused disconnect terminal block with a pivoting fuse holder and end plate; without blown fuse indication
Electrical ratings are given by the fuse.

for ¼" x 1¼" glass cartridge fuse

Color	Item No.	Pack. Unit
gray	2006-1631/099-000	25

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
800 V/8 kV/3 ❷	30 V, 15 A
I_N 10 A	30 V, 15 A
Terminal block width: 10.4 mm / 0.409 inch	
13 … 15 mm / 0.51 … 0.59 inch	



Fused disconnect terminal block with a pivoting fuse holder and end plate; gray; with blown fuse indication by LED
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

for ¼" x 1¼" glass cartridge fuse

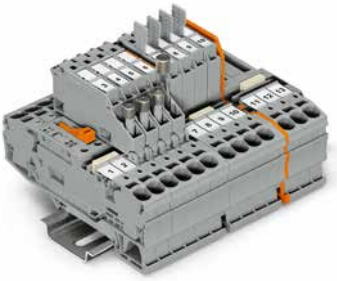
	Item No.	Pack. Unit
12 … 30 V	2006-1631/1099-541	25
30 … 65 V	2006-1631/1099-542	25
120 V	2006-1631/1099-867	25
230 V	2006-1631/1099-836	25
380 … 500 V	2006-1631/1099-859	25

❶ Conductor range: 0.5 … 10 mm² "s+f-st";
Push-in termination: 2.5 … 10 mm² "s" and
2.5 … 6 mm² "insulated ferrules; 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

Please observe the application notes:
Jumpers, from page 177
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com



Pivoting fuse holder with spare fuse holder

Other terminal blocks with the same profile:
Through 2006-1601 Page 117

Other terminal blocks with the same profile:
Through 2006-1601 Page 117

Accessories; 2006 Series

Appropriate marking systems: WMB/Marking strips

End plate for fuse terminal blocks; 2 mm thick

orange	2006-992	100 (25)
gray	2006-991	100 (25)

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

1 to 3	2002-433	25
1 to 5	2002-435	25
1 to 7	2002-437	25
1 to 9	2002-439	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

1-3-5	2002-405/011-000	25

Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

red	210-136	50 (1)

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5

Glass cartridge fuses

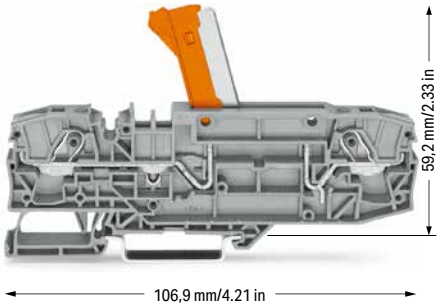
Series / Item No.		Overload and short circuit protection		Short circuit protection only	
		Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
		Fused disconnect terminal blocks			
2006-1611	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-1621	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-1631	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-1631 /099-...	10.4	2.5 W	2.5 W	2.5 W	2.5 W
2006-1631 /1099-...	10.4	2.5 W	2.5 W	2.5 W	2.5 W

When selecting glass cartridge fuses, make sure that the maximum power loss listed below 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 represent an additional impact on fuse cartridges. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.

Disconnect/Test Terminal Block, Carrier Terminal Block, Through Terminal Block TOPJOB® S
6 (10) mm²; 2006 Series

1

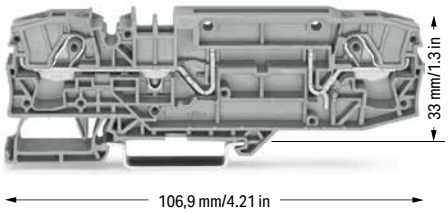
Technical Data
0.5 … 6 (10) mm² ❶ | 20 … 8 AWG
1000 VAC/DC / 1500 VDC / 12 kV / 3 ❷
I_N 30 A 600 V, 30 A; 1000 V, 30 A
Terminal block width: 15 mm / 0.591 inch
13 … 15 mm / 0.51 … 0.59 inch



2-conductor disconnect/test terminal block; with test point; orange disconnect link

Color	Item No.	Pack. Unit
gray	2006-8671	12
blue	2006-8674	12

Technical Data
0.5 … 6 (10) mm² ❶ | 20 … 8 AWG
1000 VAC/DC / 1500 VDC / 12 kV / 3 ❷
I_N 30 A 600 V, 30 A; 1000 V, 30 A
Terminal block width: 15 mm / 0.591 inch
13 … 15 mm / 0.51 … 0.59 inch



2-conductor carrier terminal block; with test point

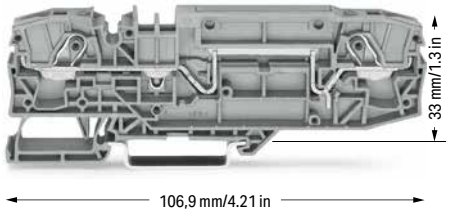
Color	Item No.	Pack. Unit
gray	2006-8661	12
blue	2006-8664	12

Accessories; item-specific

Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

orange 2006-8401 48 (12)

Technical Data
0.5 … 6 (10) mm² ❶ | 20 … 8 AWG
1000 VAC/DC / 1500 VDC / 12 kV / 3 ❷
I_N 30 A 600 V, 30 A; 1000 V, 30 A
Terminal block width: 15 mm / 0.591 inch
13 … 15 mm / 0.51 … 0.59 inch



2-conductor through terminal block; with test point; same profile as 2-conductor disconnect terminal block

Color	Item No.	Pack. Unit
gray	2006-8601	12
blue	2006-8604	12

Accessories; 2006 Series

Appropriate marking systems: WMB/Marking strips

End and intermediate plate; 1 mm thick

orange 2006-8692 48 (12)
gray 2006-8691 48 (12)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow 2006-115 100 (25)

Push-in type jumper bar; insulated; I_N 41 A; light gray

1 to 3 2006-433 25
1 to 5 2006-435 25

Lockout cap; for conductor entry and operating slot

gray 2006-191 25

Marking strip; plain; 11 mm wide; 50 m reel

white 2009-110 1

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain 793-5501 5

❶ Conductor range: 0.5 … 10 mm² “s+f-st”;
Push-in termination: 2.5 … 10 mm² “s” and
2.5 … 6 mm² “insulated ferrules; 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 1000 VAC/DC = rated voltage
1500 VDC
12 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

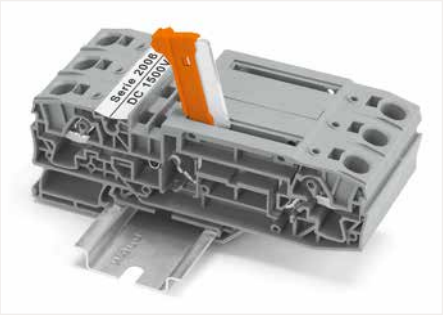
Please observe the application notes:
Marking, from page 640

Protective warning markers must be applied individually.

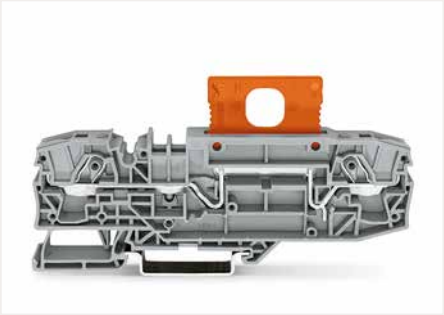
Approvals and corresponding ratings,
visit www.wago.com

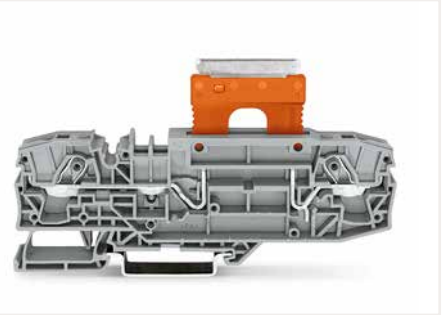
Both 2006-8671 and 2006-8661 Disconnect Terminal Blocks are specially designed for use in photovoltaic and wind power systems, where voltages exceeding 1,000 V (IEC) and 600 V (UL) occur (e.g., generator junction boxes).

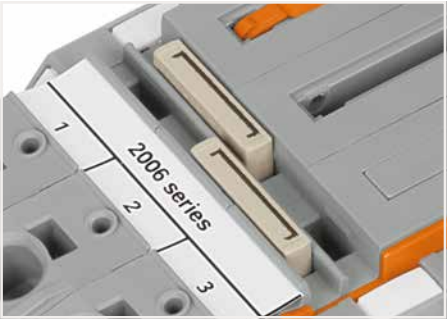
- Ideal for high voltages in renewable energy applications
- **Disconnect terminal blocks with two alternative disconnect options:**
  with orange knife disconnect (2006-8671)
  with orange disconnect plug (2006-8661)
- These 2006 Series terminal blocks are approved for 1,500 VDC (IEC) or 1,000 VDC (UL) and 30 A.
- With a terminal block width of 15 mm, the maximum cross-section for solid and fine-stranded conductors is 10 mm² (AWG 8) and 6 mm² (AWG 10) for ferruled conductors.
- Equipped with two test slots
- Compatible with through terminal blocks of the same profile and all other terminal blocks TOPJOB® S



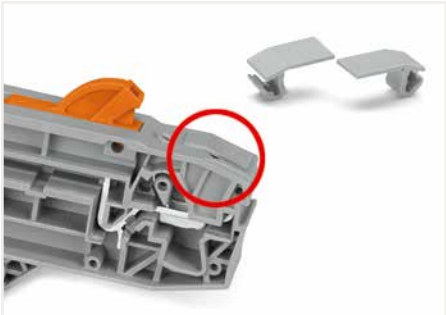
Disconnect/test terminal block with knife disconnect (2006-8671) in disconnect position

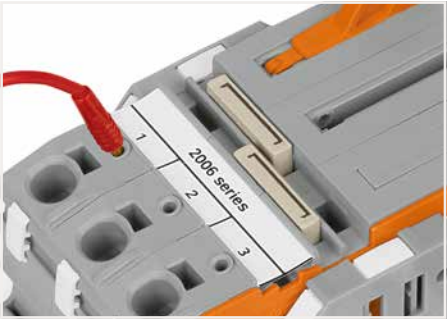

Carrier terminal block with disconnect plug (2006-8401) in operating position


Carrier terminal block with disconnect plug (2006-8401) in parked position



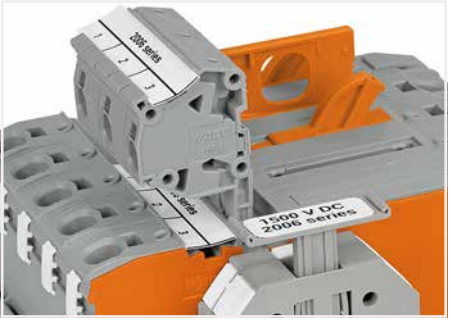
Commoning a 15 mm-wide terminal block via push-in type jumper bars: 1 to 3 (2006-433) and 1 to 5 (2006-435).


Cover (2006-191) seals unused conductor entry.



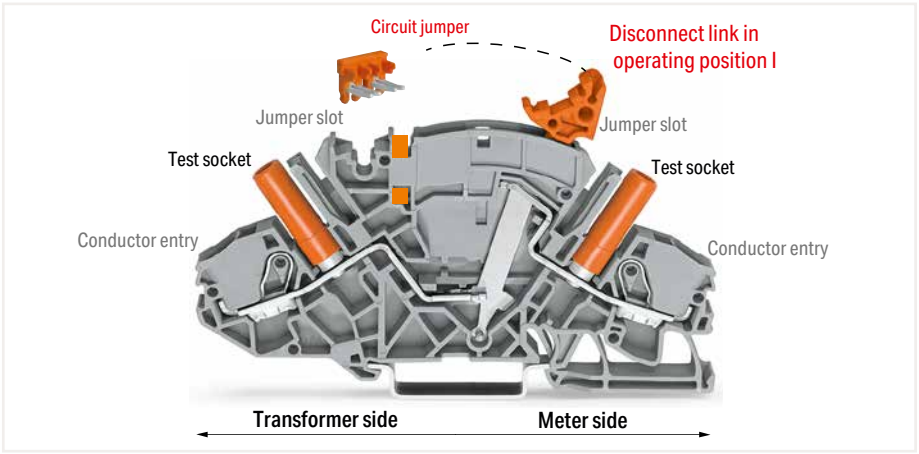
Test slots on both terminal block sides allow for direct measurement.

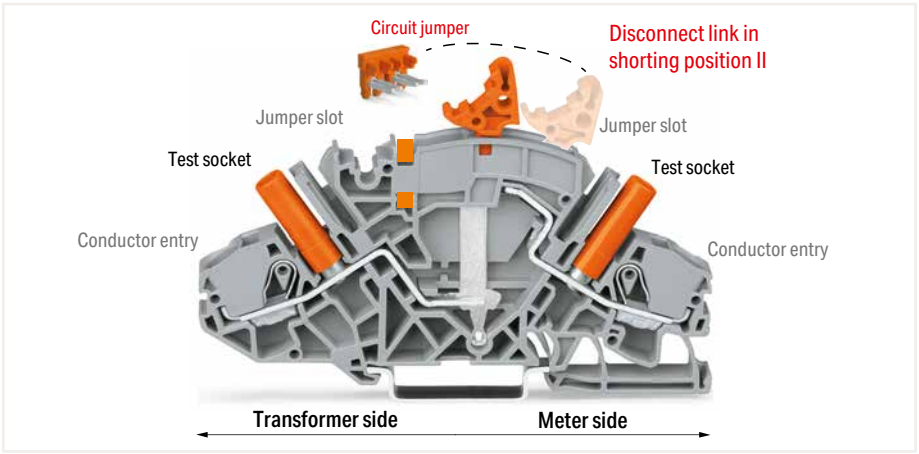

Test slots on both terminal block sides allow for direct measurement.

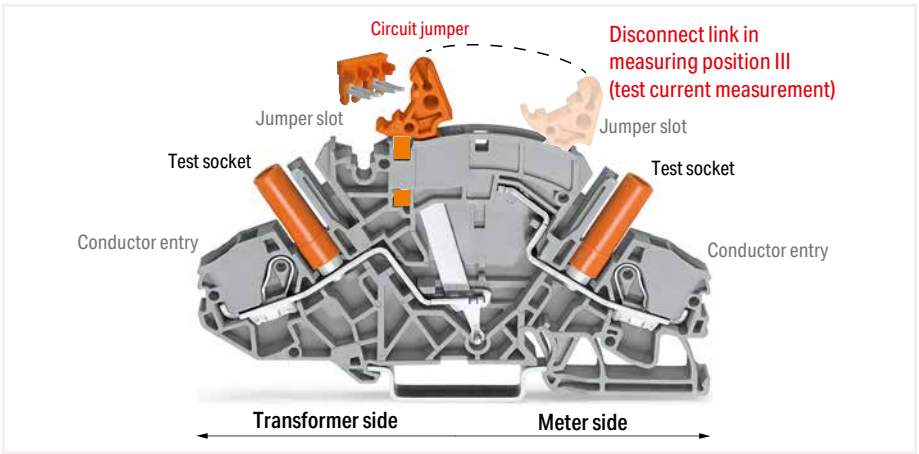


Alternatively, measurement can also be performed using Connectors (2006-511) from terminal block 1 to 2. Spacer modules (2006-549) must be used to compensate for the 15 mm terminal block width.

Current Transformer Terminal Blocks TOPJOB® S, 2007-8821 (Orange Disconnect Link)







Current Transformer (Disconnect/Test) Terminal Block (2007-8821) is designed for current transformer circuits.

First, the current transformer is shorted via disconnect link and circuit jumper (insert jumper, move disconnect link from operating position I to shorting position II, activate shorting path). Connecting a measurement device via test socket on the meter side can only be performed once circuit disconnection is complete (disconnect link in measuring position III).

Advantages:

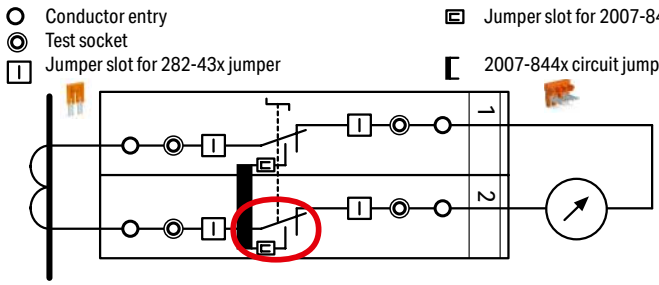
- Top-of-unit circuit jumper slot for shorting path activation
- Disconnect link provides intuitive and easy operation, as well as exact switching status indication.
- Combines high functionality with compact design (99.6 mm long and 8 mm wide).
- All 2007 Series terminal blocks are rated at 30 A/500 V (IEC) and 300 V (UL).
- With a terminal block width of 8 mm, the maximum cross-section for solid and fine-stranded conductors is 10 mm² (8 AWG) and 6 mm² (10 AWG) for ferruled conductors.
- Touch-proof test sockets for 4 mm Ø test plugs on transformer and meter side.
- Compatible with through and ground conductor terminal blocks having the same profile.

Preparing shorting path for the current transformer circuits.

Insert insulated, touch-proof circuit jumpers into jumper slot.

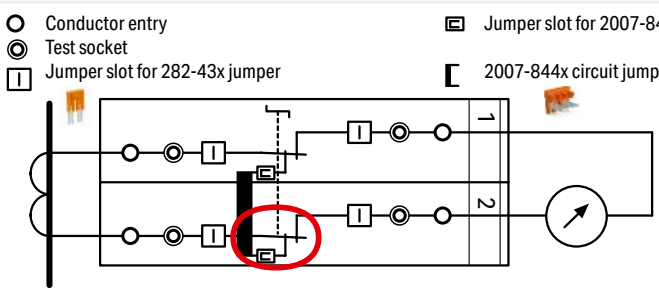
Using locking covers or profiles for adjacent terminal blocks allows disconnect links to be operated simultaneously.

Implementing a Current and Voltage Transformer Circuit TOPJOB® S



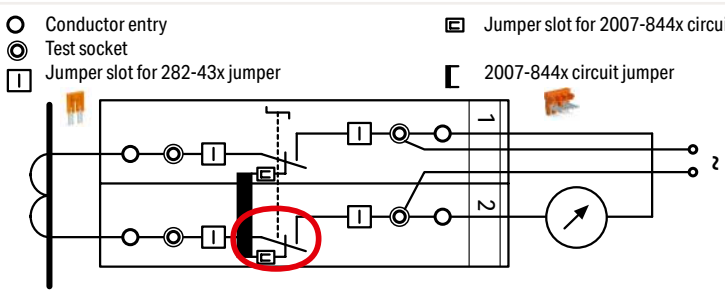
Disconnect link in operating position I
Terminal blocks required:
2 x disconnect/test terminal block (2007-8821)
1 x circuit jumper, orange (2007-8442)
Locking covers or interlocking links (option)

In the operating position, the measurement device is connected to the transformer, the circuit jumper is inserted and the disconnect link is in position I.



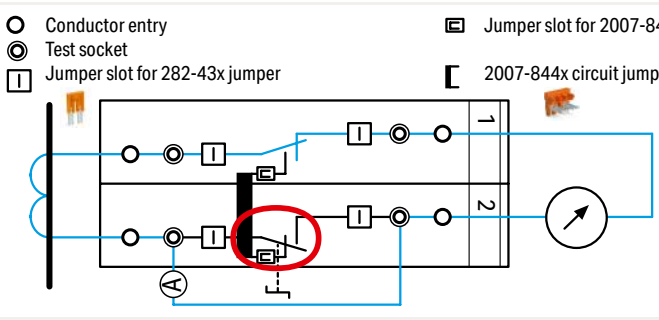
Disconnect link in shorting position II

The transformer is not disconnected from the measuring device yet, the shorting path is activated by moving the disconnect link into shorting position II and the transformer is safely shorted.



Test current measurement: Disconnect link in measuring position III

The measuring device is electrically disconnected from the transformer. If required, an external voltage can be applied to the measuring device via the test socket.

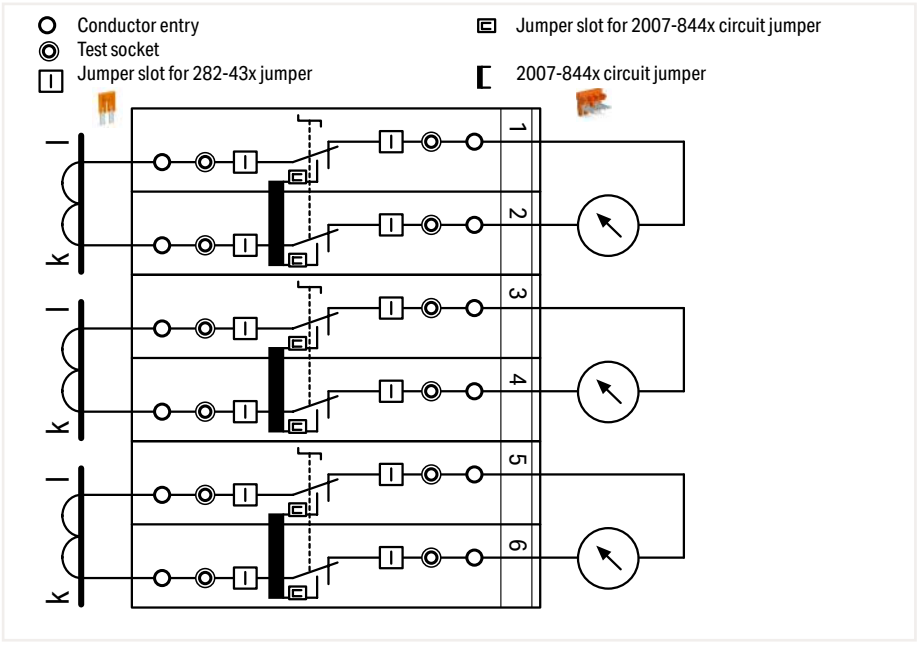


Measurement testing (using both test sockets)
Terminal block 1: Disconnect link in operating position I
Terminal block 2: Disconnect link in measuring position III

Measurement testing: First insert the reference current meter (A) into the test socket, then move the disconnect link into measurement point III (test current measurement).

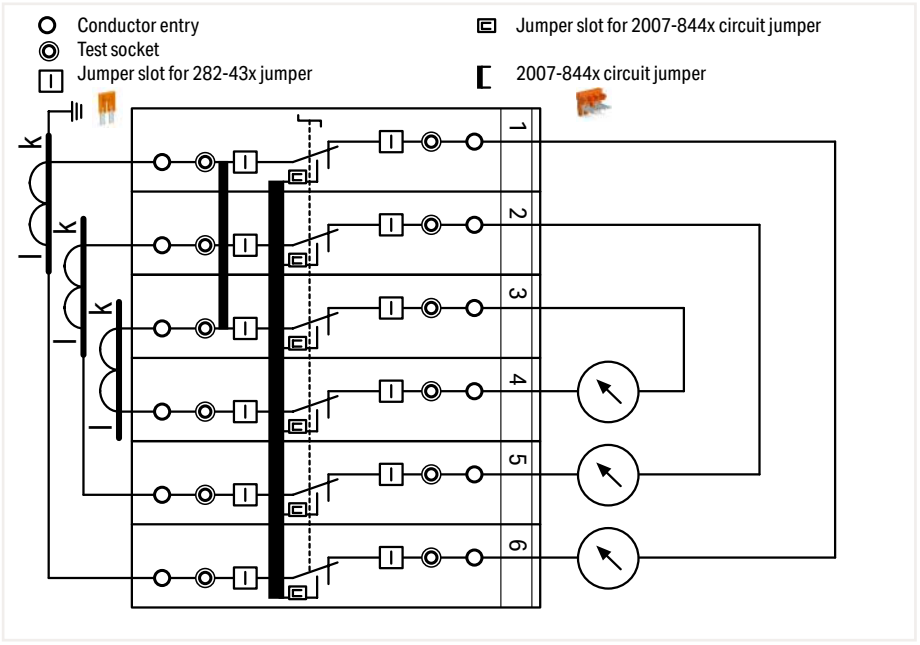
Examples for Current Transformer Circuits TOPJOB® S

Measuring set for a three-phase current transformer
Terminal blocks required:
- 6 x disconnect/test terminal block (2007-8821)
- 3 x circuit jumper, orange (2007-8442)
- In addition: interlocking link, locking cover, lock-out



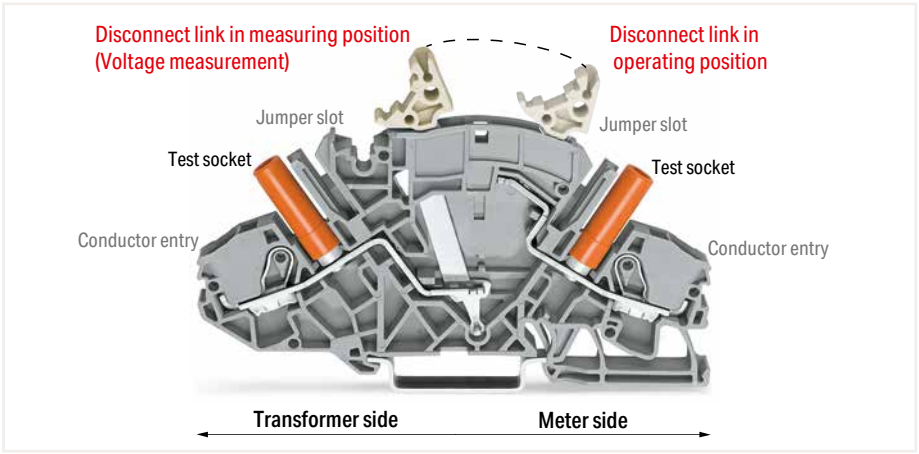
Pairs of disconnect links are interconnected via locking cover or interlocking link. Measurement testing is performed after the interlocking is released.

Measuring set for a three-phase current transformer with 'Y' point
Terminal blocks required:
- 6 x disconnect/test terminal block (2007-8821)
- 1 x circuit jumper, orange (2007-8446)
- 1 x jumper, orange (282-433)
- In addition: interlocking link, locking cover, lock-out



All six disconnect links are interconnected via locking cover or interlocking link.

Voltage Transformer Terminal Blocks TOPJOB® S, 2007-8811 (Light Gray Disconnect Link)



Voltage Transformer (Disconnect/Test) Terminal Block (2007-8811) is designed for current transformer circuits.

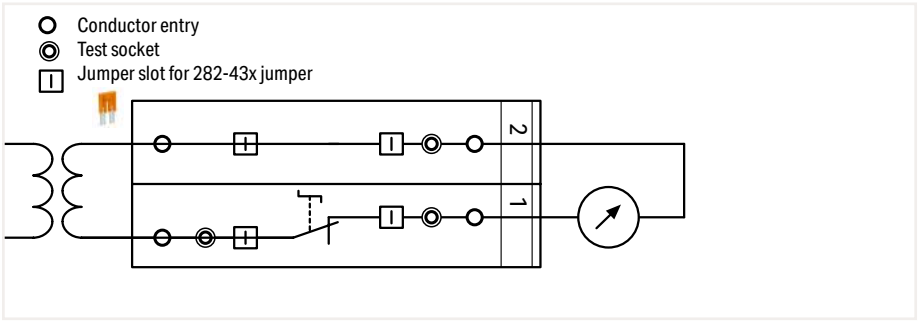
First, disconnect the voltage transformer from the circuit (move disconnect link from operating position to measurement position). Connecting a measurement device via test socket on the meter side can only be performed after disconnection is complete (measuring position).

Advantages:

- For voltage transformer circuits (no circuit jumper slot required as for 2007-8821 Current Transformer Terminal Block)
- Disconnect link provides intuitive and easy operation, as well as exact switching status indication.
- Combines high functionality with compact design (99.6 mm long and 8 mm wide).
- All 2007 Series terminal blocks are rated at 30 A/500 V (IEC) and 300 V (UL).
- With a terminal block width of 8 mm, the maximum cross-section for solid and fine-stranded conductors is 10 mm² (8 AWG) and 6 mm² (10 AWG) for ferruled conductors.
- Touch-proof test sockets for 4 mm Ø test plugs on transformer and meter side.
- Compatible with through and ground conductor terminal blocks having the same profile.

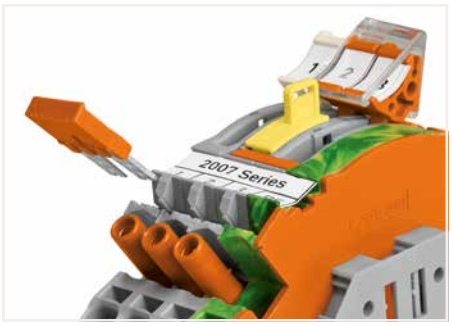
Example for voltage transformer testing:
Measuring set for single-phase voltage transformer testing
Terminal blocks required:

- 1 x disconnect/test terminal block (2007-8811)
- 1 x through terminal block (2007-8801)
- 1 x end plate, orange (2007-8892)
- In addition: locking cover, lock-out



Disconnecting the voltage transformer from the circuit: Move disconnect link from operating position to measurement position.
Voltage measurement: Connecting a measurement device via test socket on the meter side can only be performed after disconnection is complete (measuring point).

Marking via WMB Multi markers or marking strips.



Additional commoning option on the transformer side

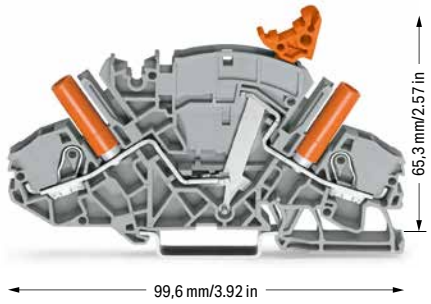
Multipole switching via snap-on type, transparent (locking) cover for disconnect links.

Disconnect/Test Terminal Block, Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; for Current and Voltage Transformer Circuits

6 mm²; 2007 Series

1

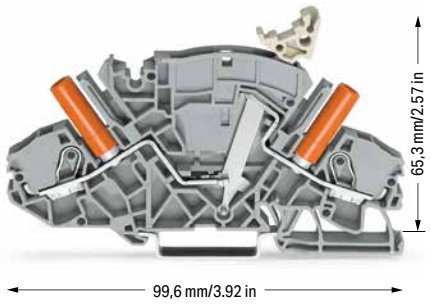
Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
500 V/6 kV/3 ❷	300 V, 30 A
I_N 30 A	600 V, 30 A
Terminal block width: 8 mm / 0.315 inch	
13 … 15 mm / 0.51 … 0.59 inch	



2-conductor disconnect/test terminal block; e.g., current transformer circuits; with circuit jumper slot; with touch-proof test sockets; for 4 mm Ø test plugs

Color	Item No.	Pack. Unit
gray	2007-8821	20

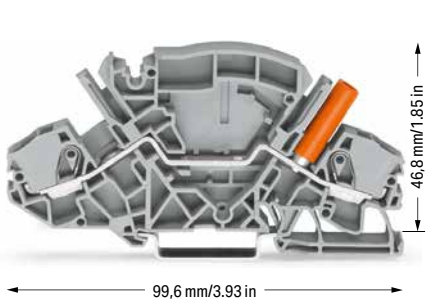
Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
500 V/6 kV/3 ❷	300 V, 30 A
I_N 30 A	600 V, 30 A
Terminal block width: 8 mm / 0.315 inch	
13 … 15 mm / 0.51 … 0.59 inch	



Disconnect/test terminal block; e.g., for voltage transformer circuits; with touch-proof test sockets; for 4 mm Ø test plugs

Color	Item No.	Pack. Unit
gray	2007-8811	20

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
500 V/6 kV/3 ❷	300 V, 30 A
I_N 30 A	600 V, 30 A
Terminal block width: 8 mm / 0.315 inch	
13 … 15 mm / 0.51 … 0.59 inch	



2-conductor through terminal block; with touch-proof test socket; for 4 mm Ø test plugs

Color	Item No.	Pack. Unit
gray	2007-8801	20
blue	2007-8804	20

Accessories; item-specific

Ajacent jumper for switching lever; insulated; I_N 30 A; orange

2-way	2007-8442	50 (10)
3-way	2007-8443	50 (10)
4-way	2007-8444	50 (10)
5-way	2007-8445	50 (10)
6-way	2007-8446	50 (10)
7-way	2007-8447	50 (10)
8-way	2007-8448	50 (10)

Accessories; 2007 Series

Appropriate marking systems: WMB/Marking strips

End and separator plate; 1.5 mm thick; without lock-out seal option

orange	2007-8892	50 (10)
gray	2007-8891	50 (10)

End and separator plate; 1.5 mm thick; with lock-out seal option

orange	2007-8894	50 (10)
gray	2007-8893	50 (10)

Lock-out device; for disconnect link

yellow	2007-8899	100 (20)

Interlocking link; mechanically locks multiple links; 1 m long

transparent	210-254	1

Locking cover; mechanically locks multiple links; transparent

1-pole	282-881	50 (10)
2-pole	282-882	50 (10)
3-pole	282-883	50 (10)
4-pole	282-884	50 (10)
5-pole	282-885	50 (10)
6-pole	282-886	50 (10)
7-pole	282-887	50 (10)
8-pole	282-888	50 (10)

Jumper; insulated; I_N 30 A; orange

2-way	282-432	50 (10)
3-way	282-433	50 (10)
4-way	282-434	50 (10)
5-way	282-435	50 (10)
6-way	282-436	50 (10)
7-way	282-437	50 (10)
8-way	282-438	50 (10)
9-way	282-439	50 (10)
10-way	282-440	50 (10)

Jumper with safety lid; insulated; I_N 30 A; orange

2-way	282-432/100-000	50 (10)
3-way	282-433/100-000	50 (10)
4-way	282-434/100-000	50 (10)

Jumper; insulated; I_N 30 A; orange

1-3	282-433/011-000	50 (10)
1-3-5	282-435/011-000	50 (10)
1-4-5	282-435/301-000	50 (10)
1-3-4-5	282-435/300-000	50 (10)
1-2-4-6	282-436/301-000	50 (10)
1-4-6	282-436/304-000	50 (10)
1-3-5-7	282-437/011-000	50 (10)
1-4-7	282-437/012-000	50 (10)
1-2-5-8	282-438/300-000	50 (10)
1-4-7-8	282-438/301-000	50 (10)
1-3-5-7-9	282-439/011-000	50 (10)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2006-115	100 (25)

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB marking card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

WMB marking card; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm; yellow

k/l (50x)	794-5553/000-002	5

WMB marking card; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm; blue

U/V (50x)	794-5554/000-006	5

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG

Terminal block width: 8 mm / 0.315 inch

13 … 15 mm / 0.51 … 0.59 inch

2-conductor ground terminal block; with touch-proof test socket; for 4 mm Ø test plugs

Color	Item No.	Pack. Unit
green-yellow	2007-8807	20

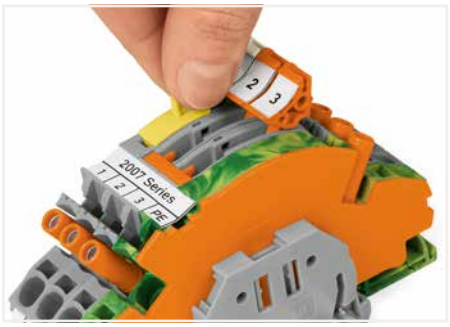
❶ Conductor range: 0.5 … 10 mm² "s+f-st";
Push-in termination: 2.5 … 10 mm² "s" and
2.5 … 6 mm² "insulated ferrules; 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

Please observe the application notes:
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

Marking via WMB Multi markers or marking strips.



Lock-out prevents accidental operation of disconnect link.

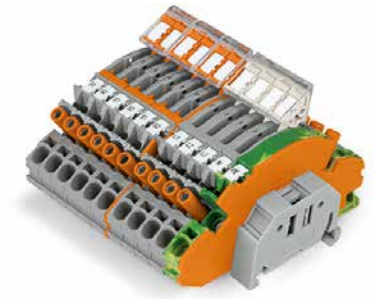
Lock-out snaps into one of two notched positions.

Interlocking link mechanically locks multiple links for multi-pole switching applications.

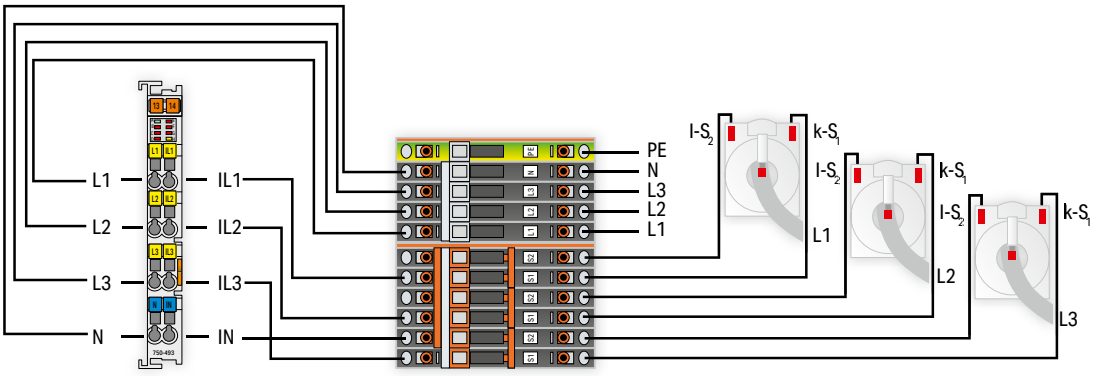
A lock-out seal can be used on the disconnect link in operating position I in combination with an end and separator plate (2007-8893 or 2007-8894).

Terminal Block Assembly TOPJOB® S; for Current and Voltage Transformers
6 (10) mm²; 2007 Series

1



Item No. for 2007-8873 Designation	Quantity
249-117 Screwless end stop; 10 mm wide	2
282-882 Locking cover; mechanically locks multiple links, 2-pole	3
282-884 Locking cover; mechanically locks multiple links, 4-pole	1
2007-8442 Circuit jumper; insulated; 2-way	3
2007-8807 2-conductor ground terminal block; with touch-proof test socket; for 4 mm Ø test plugs	1
2007-8811 2-conductor disconnect/test terminal block; with touch-proof test sockets; for 4 mm Ø test plugs	4
2007-8821 2-conductor disconnect/test terminal block; with touch-proof test sockets; for 4 mm Ø test plugs	6
2007-8892 End and separator plate; 1.5 mm thick; without lock-out seal option	2
2009-115 WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 … 5.2 mm stretchable	21 markers
282-435/011-000 Jumper; insulated; 1-3-5 Assembly width incl. end stop: 11.2 cm	1



3-Phase Power Measurement Module, 750 Series

Terminal Block Assembly for Current and Voltage Transformers, 2007 Series

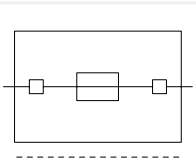
Current Transformers, 855 Series

Item No. for 2007-8876 Designation	Quantity
249-117 Screwless end stop; 10 mm wide	2
282-369 Collective jumper carrier; for DIN-35 rail; compatible with jumpers for transverse switching terminal block (282-811) and longitudinal switching disconnect terminal block (282-821)	1
282-882 Locking cover; mechanically locks multiple links, 2-pole	3
2007-8442 Circuit jumper; insulated; 2-way	3
2007-8821 2-conductor disconnect/test terminal block; with touch-proof test sockets; for 4 mm Ø test plugs	6
2007-8892 End and separator plate; 1.5 mm thick; without lock-out seal option	1
2009-115 WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 … 5.2 mm stretchable	12 markers
282-435/011-000 Jumper; insulated; 1-3-5 Assembly width incl. end stop: 8.5 cm	1

Fuse Plug TOPJOB® S on Carrier Terminal Block 2.5 (4) mm²
2004 Series

1

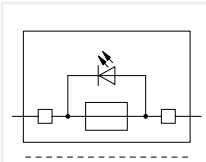
Technical Data
250 V / I_N 6.3 A
Plug width: 6.1 mm / 0.24 inch



Fuse plug with pull-tab; for 5 x 20 mm glass cartridge fuses
Electrical ratings are given by the fuse.

Color	Item No.	Pack. Unit
gray	2004-911	50

Technical Data
250 V / I_N 6.3 A
Plug width: 6.1 mm / 0.24 inch



Fuse plug with pull-tab; for 5 x 20 mm glass cartridge fuses; with LED, gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

	Item No.	Pack. Unit
12 … 30 V	2004-911/1000-541	50
30 … 65 V	2004-911/1000-542	50
120 V	2004-911/1000-867	50
230 V	2004-911/1000-836	50

Approvals and corresponding ratings, visit www.wago.com

Accessories; for fuse plugs

Appropriate marking systems: WMB/Marking strips

Double-deck carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

L/L 2002-2961 50

Double-deck carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

L/N 2002-2963 50

End and intermediate plate; 1 mm thick

orange 2002-2992 100 (25)
gray 2002-2991 100 (25)

End plate for fuse terminal blocks; 2 mm thick

orange 2002-992 100 (25)
gray 2002-991 100 (25)

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 (25)

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain 793-5501 5

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

F1, ..., F10 (10x) 794-5615 5
F11, ..., F20 (10x) 794-5616 5
F21, ..., F30 (10x) 794-5617 5
F31, ..., F40 (10x) 794-5618 5
F41, ..., F50 (10x) 794-5619 5

Accessories; for fuse plugs

Appropriate marking systems: WMB/Marking strips

2-conductor carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray 2002-1661 50

2-conductor carrier terminal block; with push-button 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray 2202-1661 50

End and intermediate plate; 1 mm thick

orange 2002-1692 100 (25)
gray 2002-1691 100 (25)

3-conductor carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray 2002-1761 50

3-conductor carrier terminal block; with push-button 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray 2202-1761 50

End and intermediate plate; 1 mm thick

orange 2002-1792 100 (25)
gray 2002-1791 100 (25)

4-conductor carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray 2002-1861 50

4-conductor carrier terminal block; with push-button 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray 2202-1861 50

End and intermediate plate; 1 mm thick

orange 2002-1892 100 (25)
gray 2002-1891 100 (25)

2-conductor carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray 2002-1961 50

2-conductor carrier terminal block; with push-button 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

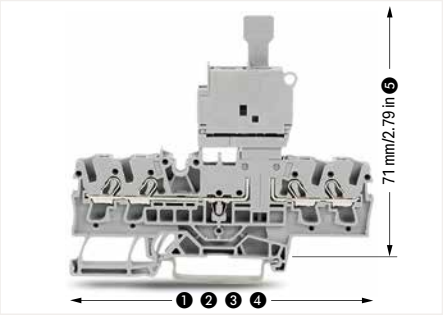
gray 2202-1961 50

End and intermediate plate; 1 mm thick

orange 2002-1992 100 (25)
gray 2002-1991 100 (25)

PUSH-IN CAGE CLAMP®

Fuse Plugs TOPJOB® S on Carrier Terminal Blocks 2.5 (4) mm²
Technical Information



Fuse plug dimensions:
❶ 66.1 mm / 2.62 inch for 2002-1661
❷ 76.8 mm / 3.02 inch for 2002-1761
❸ 87.5 mm / 3.45 inch for 2002-1861
❹ 72.9 mm / 2.87 inch for 2002-1961
❺ with inserted fuse plug

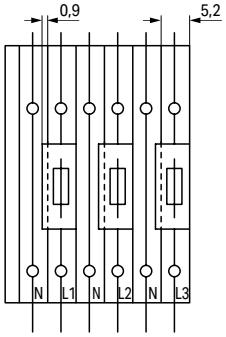
Using fuse plugs with rail-mount terminal blocks for control circuit protection is highly advantageous because the function and wiring levels are separated:
- No additional cost for assembly and wiring
- No risk of accidental contact with live parts when disconnecting the fuse plug
- The fuse plug is completely separated from the carrier terminal block when replacing a fuse – away from current carrying parts
- The fuse plug can be removed by service personnel
- No unintentional reclosing of the circuit by another person
- Quickly exchange a fuse by using a prepared "stand-by plug"

Fuse plug features for quick and safe applications:
- Optional LED indicates blown fuse
- Top-of-unit marking slot provides clear carrier terminal block identification
- Two test slots with touch contacts
- Terminal blocks/plugs provide high-density wiring in a width of just 5.2/6.1 mm
- May be used as a disconnect plug in combination with a shorting link

Glass cartridge 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				
2004-911 2004-911/....-....	1.6 W	1.6 W	2.5 W	2.5 W

When selecting glass cartridge fuses, make sure that the maximum power loss listed below 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 represent an additional impact on fuse cartridges. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.



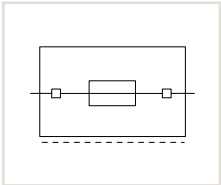
Open side of terminal block left

Please note:
The extra width of the plug (6.1 mm compared to 5.2 mm for carrier terminal blocks) must be compensated for with intermediate plates (1 mm) when building an assembly of carrier terminal blocks equipped with fuse plugs.

Fuse Plug TOPJOB® S on Carrier Terminal Block 6 (10) mm²
2006 Series

1

Technical Data
800 V / I_N 10 A
Plug width: 7.4 mm / 0.291 inch



Fuse plug with pull-tab
Electrical ratings are given by the fuse.

for 5 x 20 mm glass cartridge fuse

Color	Item No.	Pack. Unit
gray	2006-911	25

for 5 x 30 mm glass cartridge fuse

Color	Item No.	Pack. Unit
gray	2006-921	25

for ¼" x 1¼" glass cartridge fuse

Color	Item No.	Pack. Unit
gray	2006-931	25

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2006-1692	100 (25)
gray	2006-1691	100 (25)

Accessories; for fuse plugs

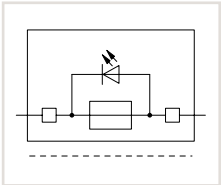
End plate for fuse terminal blocks; 2 mm thick

orange	2006-992	100 (25)
gray	2006-991	100 (25)

2-conductor carrier terminal block;
0.5 … 6 (10) mm² / 20 … 8 AWG
Terminal block width: 7.5 mm / 0.295 inch

gray	2006-1661	25
blue	2006-1664	25

Technical Data
800 V / I_N 10 A
Plug width: 7.4 mm / 0.291 inch



Fuse plug with pull-tab; with LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

for 5 x 20 mm glass cartridge fuse

	Item No.	Pack. Unit
12 … 30 V	2006-911/1000-541	25
30 … 65 V	2006-911/1000-542	25
230 V	2006-911/1000-836	25

for 5 x 30 mm glass cartridge fuse

	Item No.	Pack. Unit
12 … 30 V	2006-921/1000-541	25
30 … 65 V	2006-921/1000-542	25
230 V	2006-921/1000-836	25
380 … 500 V	2006-921/1000-859	25

for ¼" x 1¼" glass cartridge fuse

	Item No.	Pack. Unit
12 … 30 V	2006-931/1000-541	25
120 V	2006-931/1000-867	25
230 V	2006-931/1000-836	25
380 … 500 V	2006-931/1000-859	25

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2006-1692	100 (25)
gray	2006-1691	100 (25)

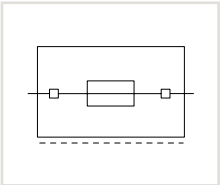
Shorting link; 5 x 20 mm; allows the fuse plug to be used as a disconnect plug

I_N 6.3 A	281-503	250 (25)

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5

Technical Data
800 V / I_N 10 A
Plug width: 10.4 mm / 0.409 inch



Fuse plug with pull-tab
Electrical ratings are given by the fuse.

for ¼" x 1¼" glass cartridge fuse

Color	Item No.	Pack. Unit
gray	2006-931/099-000	25

Accessories; item-specific

Intermediate plate; 2.9 mm thick

orange	2006-1696	100 (25)
gray	2006-1695	100 (25)

Appropriate marking systems: WMB/Marking strips

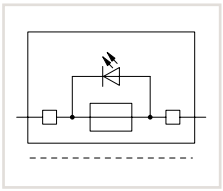
WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

F1, ..., F10 (10x)	794-5615	5
F11, ..., F20 (10x)	794-5616	5
F21, ..., F30 (10x)	794-5617	5
F31, ..., F40 (10x)	794-5618	5
F41, ..., F50 (10x)	794-5619	5

Technical Data

800 V / I_N 10 A

Plug width: 10.4 mm / 0.409 inch



Fuse plug with pull-tab; with LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

for ¼" x 1¼" glass cartridge fuse

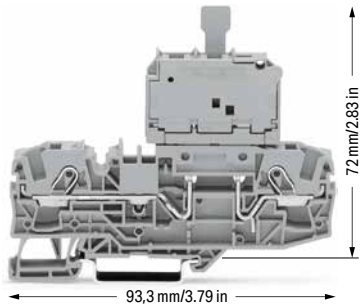
	Item No.	Pack. Unit
12 … 30 V	2006-931/1099-541	25
30 … 65 V	2006-931/1099-542	25
230 V	2006-931/1099-836	25
380 … 500 V	2006-931/1099-859	25

Accessories; item-specific

Intermediate plate; 2.9 mm thick

	orange	2006-1696	100 (25)
	gray	2006-1695	100 (25)

Approvals and corresponding ratings, visit www.wago.com

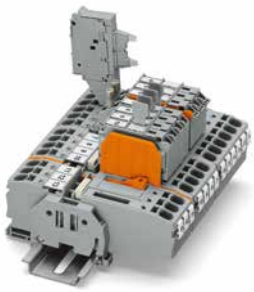


Using fuse plugs with rail-mount terminal blocks for control circuit protection is highly advantageous because the function and wiring levels are separated:

- No additional cost for assembly and wiring
- No risk of accidental contact with live parts when disconnecting the fuse plug
- The fuse plug is completely separated from the carrier terminal block when replacing a fuse – away from current carrying parts
- The fuse plug can be removed by service personnel
- No unintentional reclosing of the circuit by another person
- Quickly exchange a fuse by using a prepared "stand-by plug"

Fuse plug features for quick and safe applications:

- Optional LED indicates blown fuse
- Top-of-unit marking slot provides clear carrier terminal block identification
- Two test slots with touch contacts
- Terminal blocks/plugs provide high-density wiring in a width of just 7.5/7.4 (10.4) mm
- May be used as a disconnect plug in combination with a shorting link



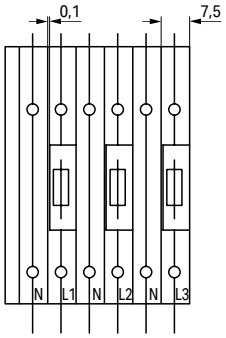
Pivoting fuse holder with spare fuse holder

The end plate ensures that the fuse can only be removed when the fuse plug is pulled out.

Glass cartridge fuses

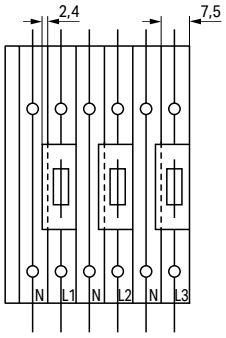
Series / Item No.		Overload and short circuit protection		Short circuit protection only	
		Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
		Fused disconnect terminal blocks			
2006-911	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-921	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-931	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-931 /099-...	10.4	2.5 W	2.5 W	2.5 W	2.5 W
2006-931 /1099-...	10.4	2.5 W	2.5 W	2.5 W	2.5 W

When selecting glass cartridge fuses, make sure that the maximum power loss listed below 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 represent an additional impact on fuse cartridges. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.



Open side of terminal block left

When using 10.4 mm wide plugs, please note:
The extra width of the plug (10.4 mm compared to 7.5 mm for carrier terminal blocks) must be compensated for with intermediate plates (2.9 mm) when building an assembly of carrier terminal blocks equipped with fuse plugs.



Open side of terminal block left

When using 10.4 mm wide plugs, please note:
The extra width of the plug (10.4 mm compared to 7.5 mm for carrier terminal blocks) must be compensated for with intermediate plates (2.9 mm) when building an assembly of carrier terminal blocks equipped with fuse plugs.

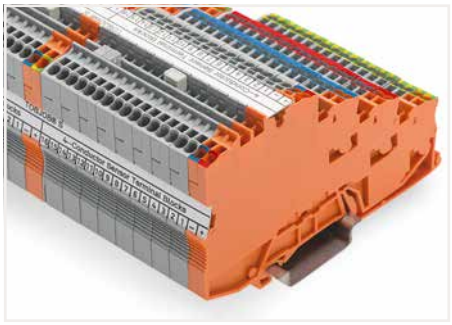
Sensor Terminal Blocks and Actuator Terminal Blocks TOPJOB® S
2000 Series
Description and Installation

Commoning (signal level):
Commoning the signal level with push-in type jumper bars (2000 Series). Models with an LED can only be commoned in one jumper slot.
Test Plug Adapters can be used in all jumper slots.

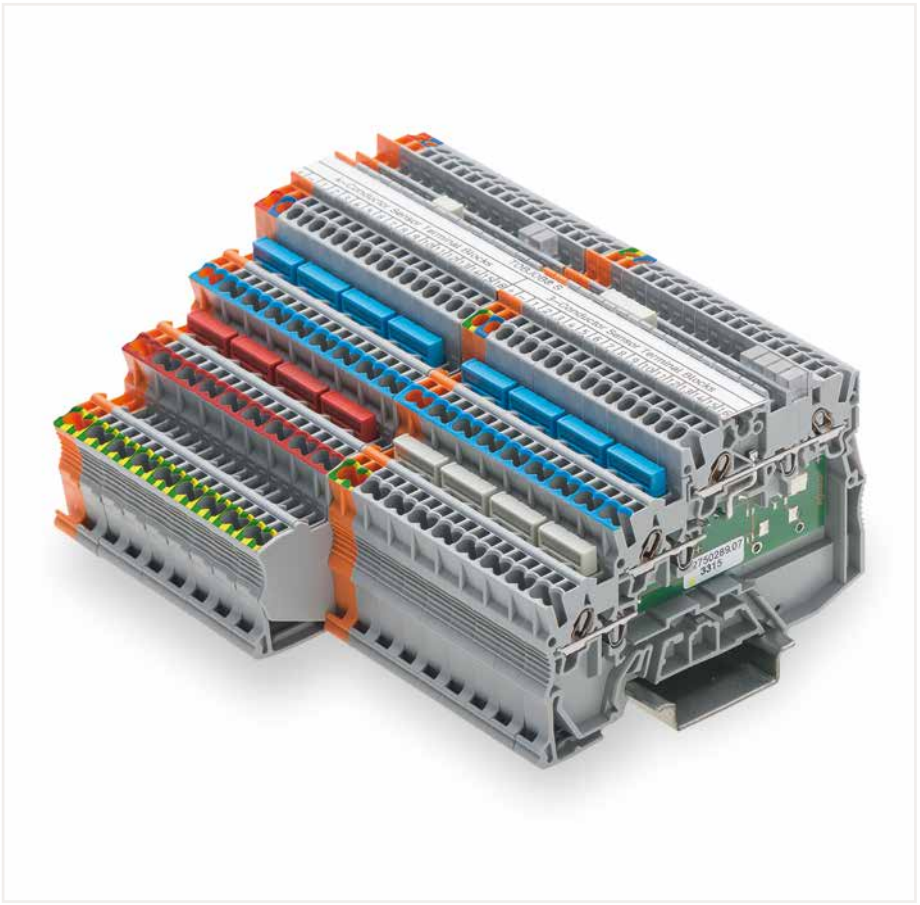
Upper level: two independent signal pathways

Commoning (potential level):
Commoning potential levels via push-in type jumper bars (2000 Series).

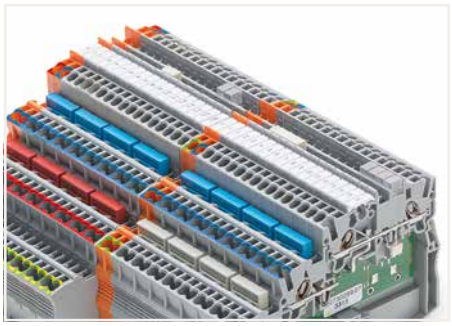
Power supply:
Orange supply terminal block of same profile from both the cabinet and sensor sides



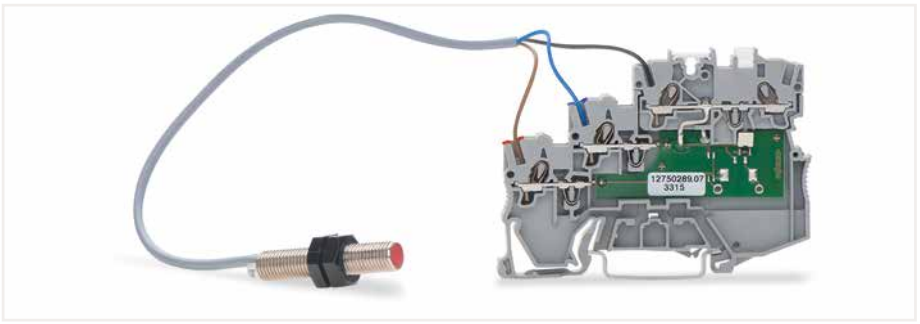
Marking:
Marking strips (2009-110) – from the top or the side



Terminal block assembly with 4-conductor sensor terminal blocks and 3-conductor actuator terminal blocks



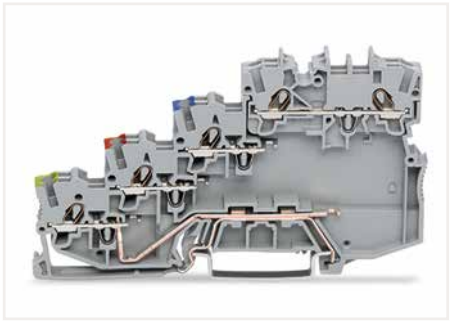
Marking:
3.5 mm WMB markers (793-35xx) from the top or the side – additional marking option via marker carrier



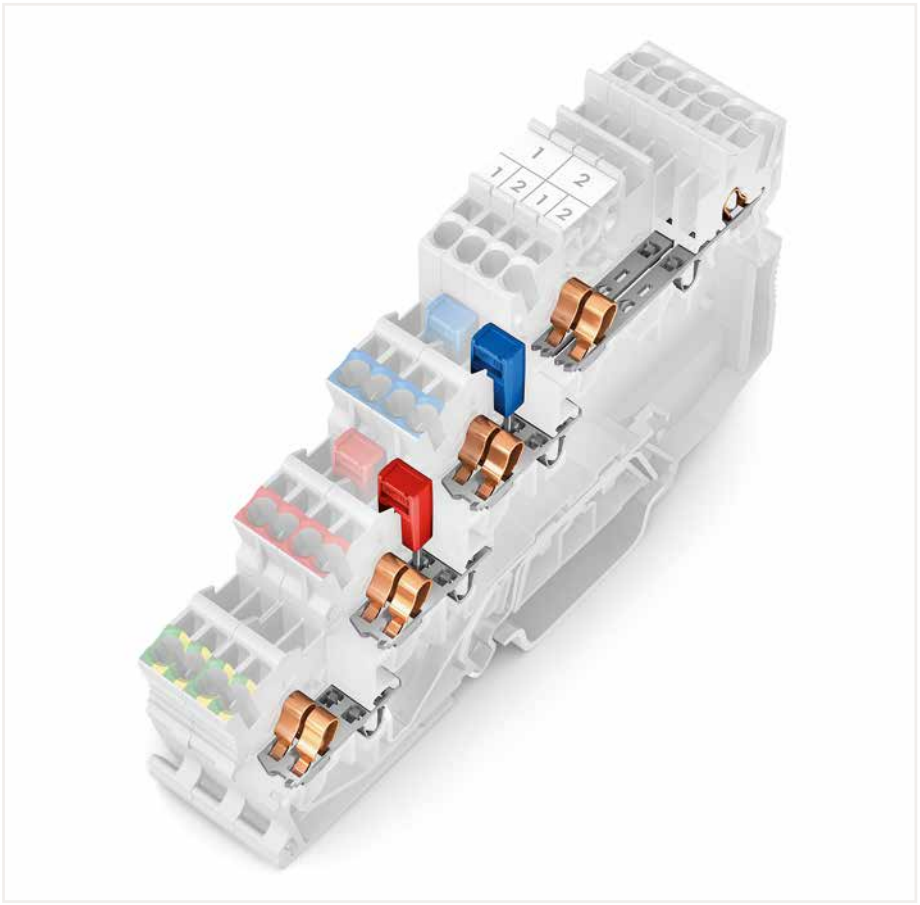
3-conductor sensor LED terminal block with a connected sensor

Commoning (potential level):
Continuous commoning in the potential levels via push-in type jumper bars for even pole numbers (2000 Series)

Potential levels: two adjacent commoning options on a current bar

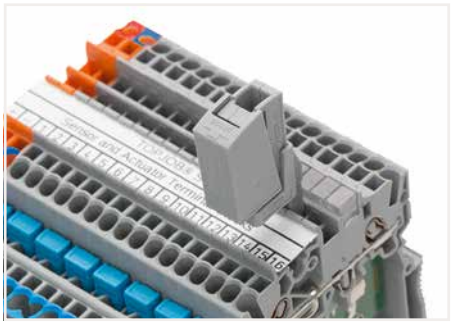


4-conductor sensor terminal block with ground contact

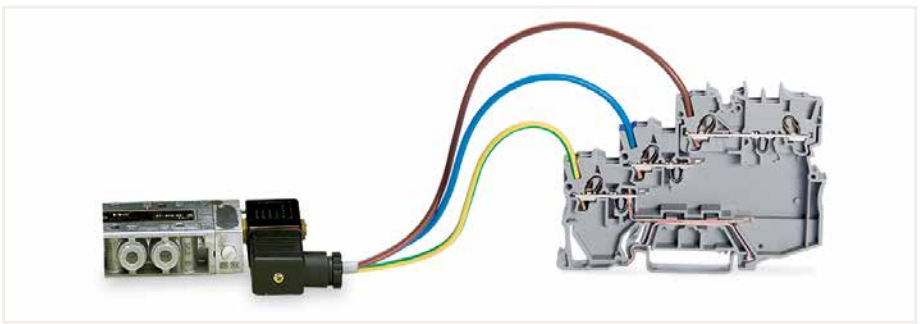


Upper level: two independent signal pathways, in 3.5 mm spacing per pole, with a dual jumper slot
Lower levels: two interconnected potential clamping units, with a single jumper slot, can be commoned in both directions

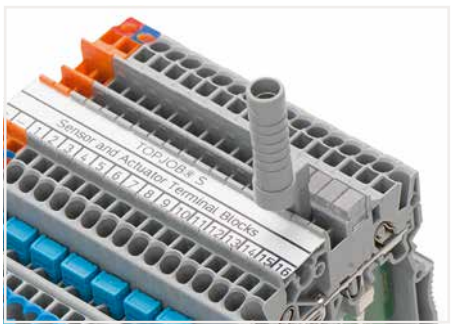
Ground commoning:
For sensor and actuator terminal blocks without ground connection to the DIN-rail, the ground connection can be performed by commoning to the terminal block with a ground foot.



Testing via testing tap (2009-182) (up to max. 42 V).



3-conductor actuator LED terminal block with a connected actuator

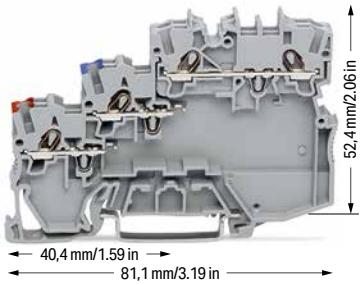


Testing via test plug adapter (2009-174) (up to max. 42 V).

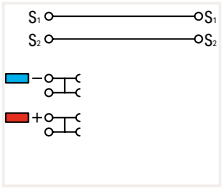
3-Conductor Sensor Terminal Block TOPJOB® S
1 (1.5) mm²; 2000 Series

1

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
250 V/4 kV/3 ❷	300 V, 15 A
I_N 13.5 A	300 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



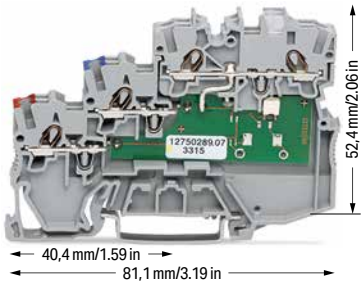
2000-5311



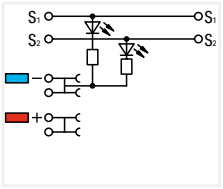
3-conductor sensor terminal block

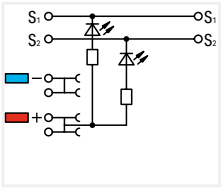
Color	Item No.	Pack. Unit
gray	2000-5311	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
24 VDC	24 V, 15 A
I_N 13.5 A	24 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



2000-5311/1102-950 2000-5311/1101-951



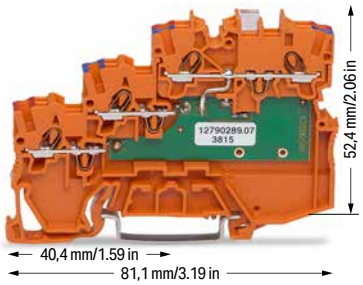


3-conductor sensor terminal block; yellow LED; for PNP (high-side) switching sensors

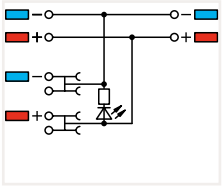
Color	Item No.	Pack. Unit
gray	2000-5311/1102-950	50

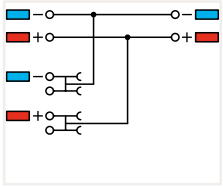
3-conductor sensor terminal block; yellow LED; for NPN (low-side) switching sensors

gray	2000-5311/1101-951	50



2000-5372/1102-953 2000-5372



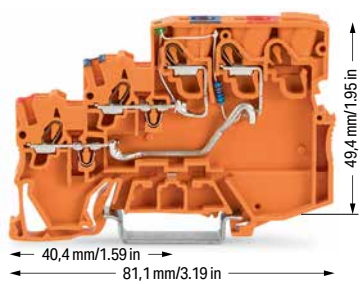


3-conductor sensor LED supply terminal block; green LED; 24 VDC

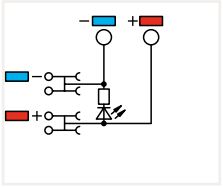
Color	Item No.	Pack. Unit
orange	2000-5372/1102-953	15

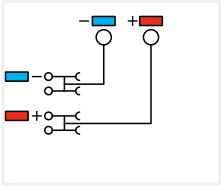
3-conductor sensor supply terminal block; max. 250 V; internally commoned

orange	2000-5372	15



2000-5352/1102-953 2000-5352





3-conductor sensor LED supply terminal block; green LED; 24 VDC control panel side: 2.5 (4) mm²; max. 28 A

Color	Item No.	Pack. Unit
orange	2000-5352/1102-953	50

3-conductor sensor supply terminal block; max. 250 V; control panel side: 2.5 (4) mm²; max. 28 A

orange	2000-5352	50

❶ Conductor range: 0.14 … 1.5 mm² "s+f-st"; Push-in termination: 0.5 … 1.5 mm² "s" and 0.5 … 0.75 mm² "insulated ferrules; 10 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ 3.5 mm spacing per signal (2 x 3.5 mm = 7 mm)
Note:
The double spacing per pole of this terminal block series maximizes connectivity. For example, **ten** sensors may be connected using only **five** sensor terminal blocks plus a power supply terminal block.

Please observe the application notes:
Jumpers, from page 174

Approvals and corresponding ratings, visit www.wago.com

Accessories; for 3-conductor terminal blocks

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick; for 3-conductor terminal blocks

gray	2000-5391	100 (25)

Push-in type jumper bar; insulated; I_N 14 A; light gray

2-way	2000-402	25
3-way	2000-403	25
4-way	2000-404	25
5-way	2000-405	25
6-way	2000-406	25
7-way	2000-407	25
8-way	2000-408	25
9-way	2000-409	25
10-way	2000-410	25

Colored push-in type jumper bar

red	.../000-005
blue	.../000-006

Push-in type jumper bar; insulated; I_N 14 A; light gray

1 to 3	2000-433	25
1 to 4	2000-434	25
1 to 5	2000-435	25
1 to 6	2000-436	25
1 to 7	2000-437	25
1 to 8	2000-438	25
1 to 9	2000-439	25
1 to 10	2000-440	25

Double-deck marker carrier; pivoting

gray	2000-121	50 (25)

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB marking card; white; 10 strips with 10 markers/card; for 3.5 mm terminal block width

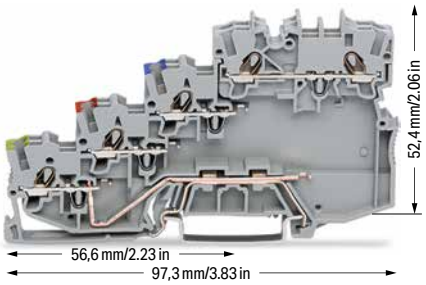
plain	793-3501	5

Operating tool with a partially insulated shaft; type 1; (2.5 x 0.4) mm blade

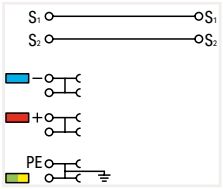
	210-719	1

4-Conductor Sensor Terminal Block TOPJOB® S
1 (1.5) mm²; 2000 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
250 V/4 kV/3 ❷	300 V, 15 A
I_N 13.5 A	300 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



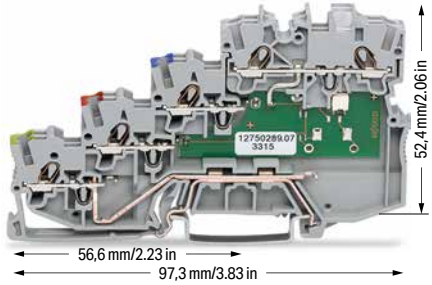
2000-5417



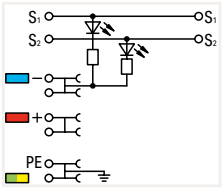
4-conductor sensor terminal block; with ground connection

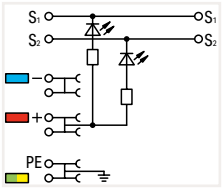
Color	Item No.	Pack. Unit
gray	2000-5417	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
24 VDC	24 V, 15 A
I_N 13.5 A	24 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



2000-5417/1102-950 2000-5417/1101-951



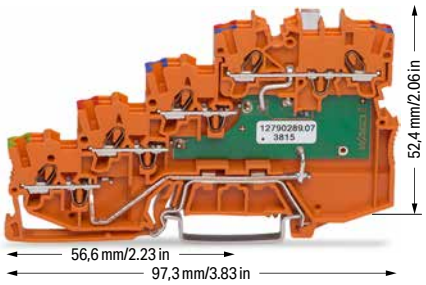


4-conductor sensor LED terminal block; yellow LED; for PNP (high-side) switching sensors; with ground connection

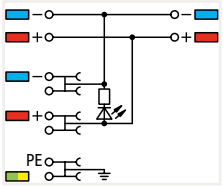
Color	Item No.	Pack. Unit
gray	2000-5417/1102-950	50

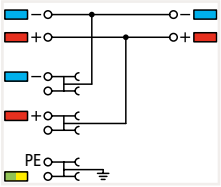
4-conductor sensor terminal block; yellow LED; for NPN (low-side) switching sensors; with ground connection

gray	2000-5417/1101-951	50



2000-5477/1102-953 2000-5477



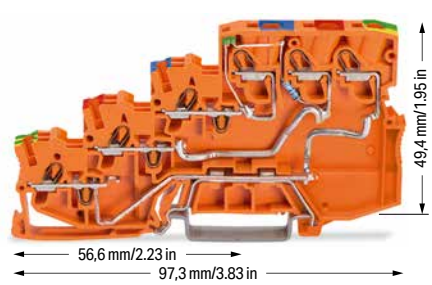


4-conductor sensor LED supply terminal block; green LED; 24 VDC; with ground connection

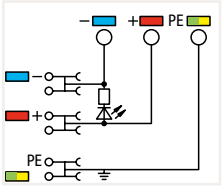
Color	Item No.	Pack. Unit
orange	2000-5477/1102-953	15

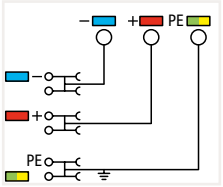
4-conductor sensor supply terminal block; max. 250 V; internally commoned; with ground connection

orange	2000-5477	15



2000-5457/1102-953 2000-5457





3-conductor sensor LED supply terminal block; green LED; 24 VDC control panel side: 2.5 (4) mm²; max. 28 A

Color	Item No.	Pack. Unit
orange	2000-5457/1102-953	15

4-conductor sensor supply terminal block; max. 250 V; with ground connection; control panel side: 2.5 (4) mm²; max. 28 A

orange	2000-5457	15

❶ Conductor range: 0.14 … 1.5 mm² "s+f-st"; Push-in termination: 0.5 … 1.5 mm² "s" and 0.5 … 0.75 mm² "insulated ferrules; 10 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ 3.5 mm spacing per signal (2 x 3.5 mm = 7 mm)
Note:
The double spacing per pole of this terminal block series maximizes connectivity. For example, **ten** sensors may be connected using only **five** sensor terminal blocks plus a power supply terminal block.

Please observe the application notes:
Jumpers, from page 174

Approvals and corresponding ratings, visit www.wago.com

Accessories; for 4-conductor terminal blocks

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick; for 4-conductor terminal blocks

gray	2000-5491	100 (25)

Push-in type jumper bar; insulated; I_N 14 A; light gray

2-way	2000-402	25
3-way	2000-403	25
4-way	2000-404	25
5-way	2000-405	25
6-way	2000-406	25
7-way	2000-407	25
8-way	2000-408	25
9-way	2000-409	25
10-way	2000-410	25

Colored push-in type jumper bar

red	.../000-005
blue	.../000-006
yellow-green	.../000-018

Push-in type jumper bar; insulated; I_N 14 A; light gray

1 to 3	2000-433	25
1 to 4	2000-434	25
1 to 5	2000-435	25
1 to 6	2000-436	25
1 to 7	2000-437	25
1 to 8	2000-438	25
1 to 9	2000-439	25
1 to 10	2000-440	25

Double-deck marker carrier; pivoting

gray	2000-121	50 (25)

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB marking card; white; 10 strips with 10 markers/card; for 3.5 mm terminal block width

plain	793-3501	5

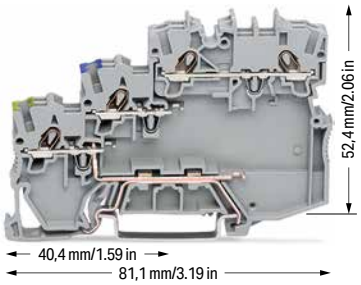
Operating tool with a partially insulated shaft; type 1; (2.5 x 0.4) mm blade

	210-719	1

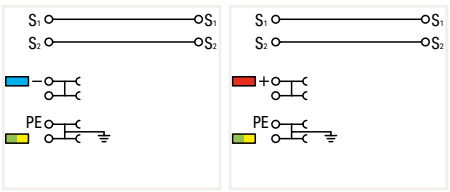
3-Conductor Actuator Terminal Block TOPJOB® S
1 (1.5) mm²; 2000 Series

1

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
250 V/4 kV/3 ❷	300 V, 15 A
I_N 13.5 A	300 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



2000-5317/102-000 2000-5317/101-000

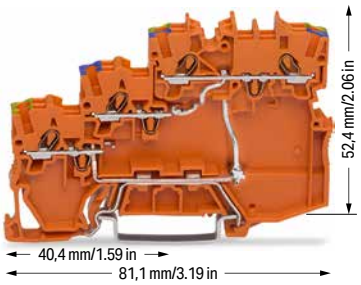


3-conductor actuator terminal block; for PNP (high-side) switching actuators; with ground connection

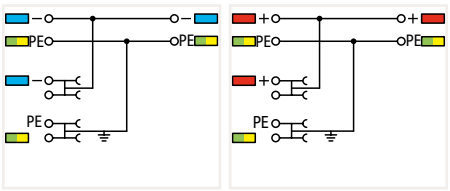
Color	Item No.	Pack. Unit
gray	2000-5317/102-000	50

3-conductor actuator terminal block; for NPN (low-side) switching actuators; with ground connection

Color	Item No.	Pack. Unit
gray	2000-5317/101-000	50



2000-5377/102-000 2000-5377/101-000



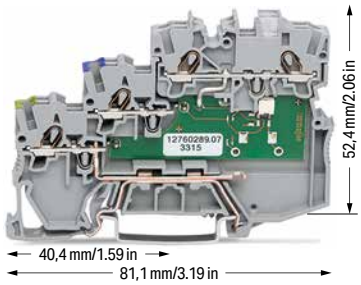
3-conductor actuator supply terminal block; max. 250 V; for PNP (high-side) switching actuators; with ground connection; internally commoned

Color	Item No.	Pack. Unit
orange	2000-5377/102-000	15

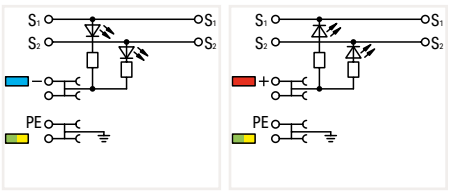
3-conductor actuator supply terminal block; max. 250 V; for NPN (low-side) switching actuators; with ground connection

Color	Item No.	Pack. Unit
orange	2000-5377/101-000	15

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
24 VDC	24 V, 15 A
I_N 13.5 A	24 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



2000-5317/1102-950 2000-5317/1101-951

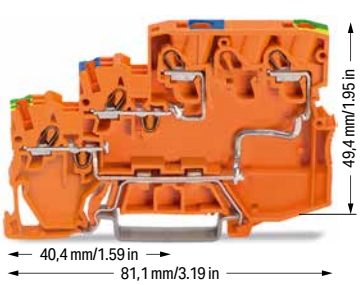


3-conductor actuator terminal block; yellow LED; for PNP (high-side) switching actuators; with ground connection

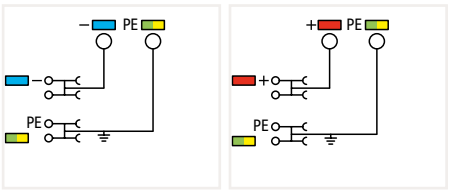
Color	Item No.	Pack. Unit
gray	2000-5317/1102-950	50

3-conductor actuator terminal block; yellow LED; for NPN (low-side) switching actuators; with ground connection

Color	Item No.	Pack. Unit
gray	2000-5317/1101-951	50



2000-5357/102-000 2000-5357/101-000



3-conductor actuator supply terminal block; max. 250 V; control panel side: 2.5 (4) mm²; max. 28 A; for PNP (high-side) switching actuators; with ground connection

Color	Item No.	Pack. Unit
orange	2000-5357/102-000	15

3-conductor actuator supply terminal block; max. 250 V; control panel side: 2.5 (4) mm²; max. 28 A; for NPN (low-side) switching actuators; with ground connection

Color	Item No.	Pack. Unit
orange	2000-5357/101-000	15

❶ Conductor range: 0.14 … 1.5 mm² "s+f-st"; Push-in termination: 0.5 … 1.5 mm² "s" and 0.5 … 0.75 mm² "insulated ferrules; 10 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ 3.5 mm spacing per signal (2 x 3.5 mm = 7 mm)
Note:
The double spacing per pole of this terminal block series maximizes connectivity. For example, **ten** sensors may be connected using only **five** sensor terminal blocks plus a power supply terminal block.

Please observe the application notes:
Jumpers, from page 174

Approvals and corresponding ratings, visit www.wago.com

Accessories; for 3-conductor terminal blocks

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick; for 3-conductor terminal blocks

gray	2000-5391	100 (25)

Push-in type jumper bar; insulated; I_N 14 A; light gray

2-way	2000-402	25
3-way	2000-403	25
4-way	2000-404	25
5-way	2000-405	25
6-way	2000-406	25
7-way	2000-407	25
8-way	2000-408	25
9-way	2000-409	25
10-way	2000-410	25

Colored push-in type jumper bar

red	.../000-005
blue	.../000-006
yellow-green	.../000-018

Push-in type jumper bar; insulated; I_N 14 A; light gray

1 to 3	2000-433	25
1 to 4	2000-434	25
1 to 5	2000-435	25
1 to 6	2000-436	25
1 to 7	2000-437	25
1 to 8	2000-438	25
1 to 9	2000-439	25
1 to 10	2000-440	25

Double-deck marker carrier; pivoting

gray	2000-121	50 (25)

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB marking card; white; 10 strips with 10 markers/card; for 3.5 mm terminal block width

plain	793-3501	5

Operating tool with a partially insulated shaft; type 1; (2.5 x 0.4) mm blade

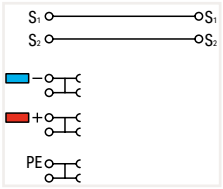
	210-719	1

PUSH-IN CAGE CLAMP®

4-Conductor Sensor Terminal Block and 3-Conductor Actuator Terminal Block TOPJOB® S
1 (1.5) mm²; 2000 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
250 V/4 kV/3 ❷	300 V, 15 A
I_N 13.5 A	300 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	

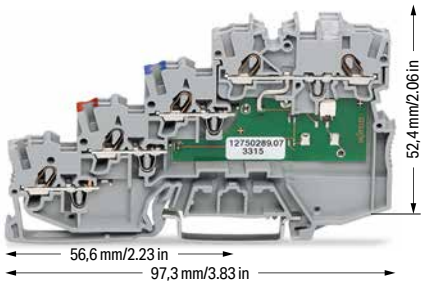
2000-5410



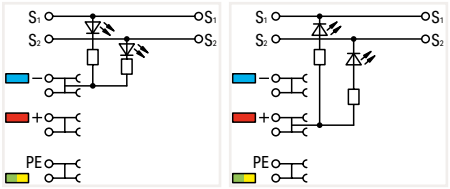
4-conductor sensor terminal block; with ground via push-in type jumper bar

Color	Item No.	Pack. Unit
gray	2000-5410	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
24 VDC	24 V, 15 A
I_N 13.5 A	24 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



2000-5410/1102-950 2000-5410/1101-951

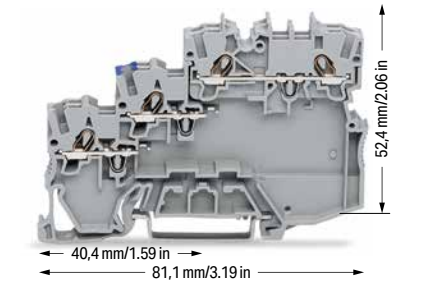


4-conductor sensor LED terminal block; yellow LED; for PNP (high-side) switching sensors; with ground via push-in type jumper bar

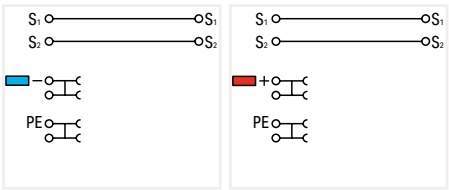
Color	Item No.	Pack. Unit
gray	2000-5410/1102-950	50

4-conductor sensor LED terminal block; yellow LED; for NPN (low-side) switching sensors; with ground via push-in type jumper bar

gray	2000-5410/1101-951	50



2000-5310/102-000 2000-5310/101-000

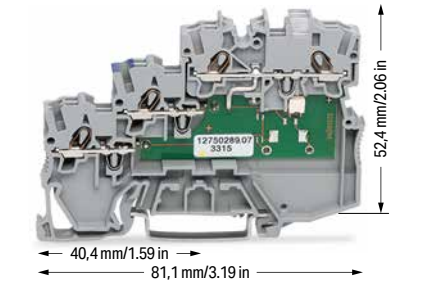


3-conductor actuator terminal block; for PNP (high-side) switching actuators; with ground via push-in type jumper bar

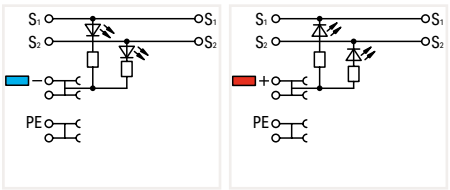
Color	Item No.	Pack. Unit
gray	2000-5310/102-000	50

3-conductor actuator terminal block; for NPN (low-side) switching actuators; with ground via push-in type jumper bar

gray	2000-5310/101-000	50



2000-5310/1102-950 2000-5310/1101-951



3-conductor actuator terminal block; yellow LED; for PNP (high-side) switching actuators; with ground via push-in type jumper bar

Color	Item No.	Pack. Unit
gray	2000-5310/1102-950	50

3-conductor actuator terminal block; yellow LED; for NPN (low-side) switching actuators; with ground via push-in type jumper bar

gray	2000-5310/1101-951	50

❶ Conductor range: 0.14 … 1.5 mm² "s+f-st"; Push-in termination: 0.5 … 1.5 mm² "s" and 0.5 … 0.75 mm² "insulated ferrules; 10 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ 3.5 mm spacing per signal (2 x 3.5 mm = 7 mm)
Note:
The double spacing per pole of this terminal block series maximizes connectivity. For example, **ten** sensors may be connected using only **five** sensor terminal blocks plus a power supply terminal block.

Please observe the application notes:
Jumpers, from page 174

Approvals and corresponding ratings, visit www.wago.com

Accessories; for 4-conductor terminal blocks

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick; for 4-conductor terminal blocks

gray	2000-5491	100 (25)

Push-in type jumper bar; insulated; I_N 14 A; light gray

2-way	2000-402	25
3-way	2000-403	25
4-way	2000-404	25
5-way	2000-405	25
6-way	2000-406	25
7-way	2000-407	25
8-way	2000-408	25
9-way	2000-409	25
10-way	2000-410	25

Colored push-in type jumper bar

red	.../000-005
blue	.../000-006
yellow-green	.../000-018

Push-in type jumper bar; insulated; I_N 14 A; light gray

1 to 3	2000-433	25
1 to 4	2000-434	25
1 to 5	2000-435	25
1 to 6	2000-436	25
1 to 7	2000-437	25
1 to 8	2000-438	25
1 to 9	2000-439	25
1 to 10	2000-440	25

Double-deck marker carrier; pivoting

gray	2000-121	50 (25)

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB marking card; white; 10 strips with 10 markers/card; for 3.5 mm terminal block width

plain	793-3501	5

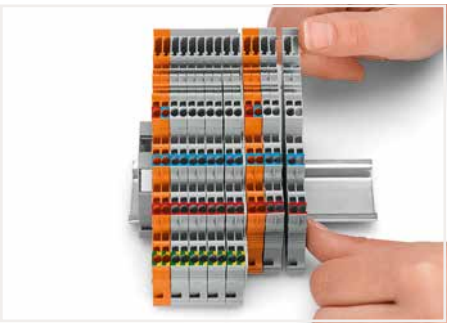
Operating tool with a partially insulated shaft; type 1; (2.5 x 0.4) mm blade

	210-719	1

PUSH-IN CAGE CLAMP®

Sensor Terminal Blocks and Actuator Terminal Blocks TOPJOB® S; with Pluggable Signal Level 2020 Series

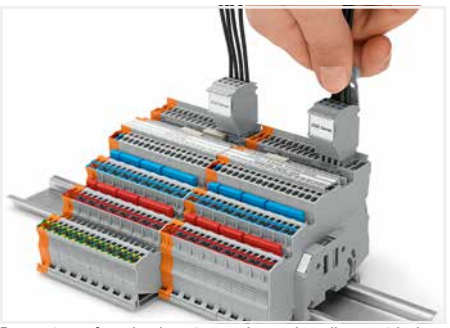
Description and Installation



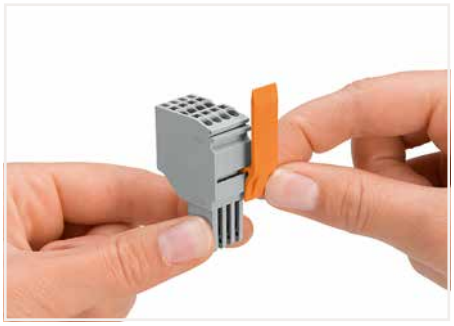
Snap individual terminal blocks onto the DIN-rail and slide together.

Separate terminal block assembly and slide individual terminal blocks laterally using an operating tool.

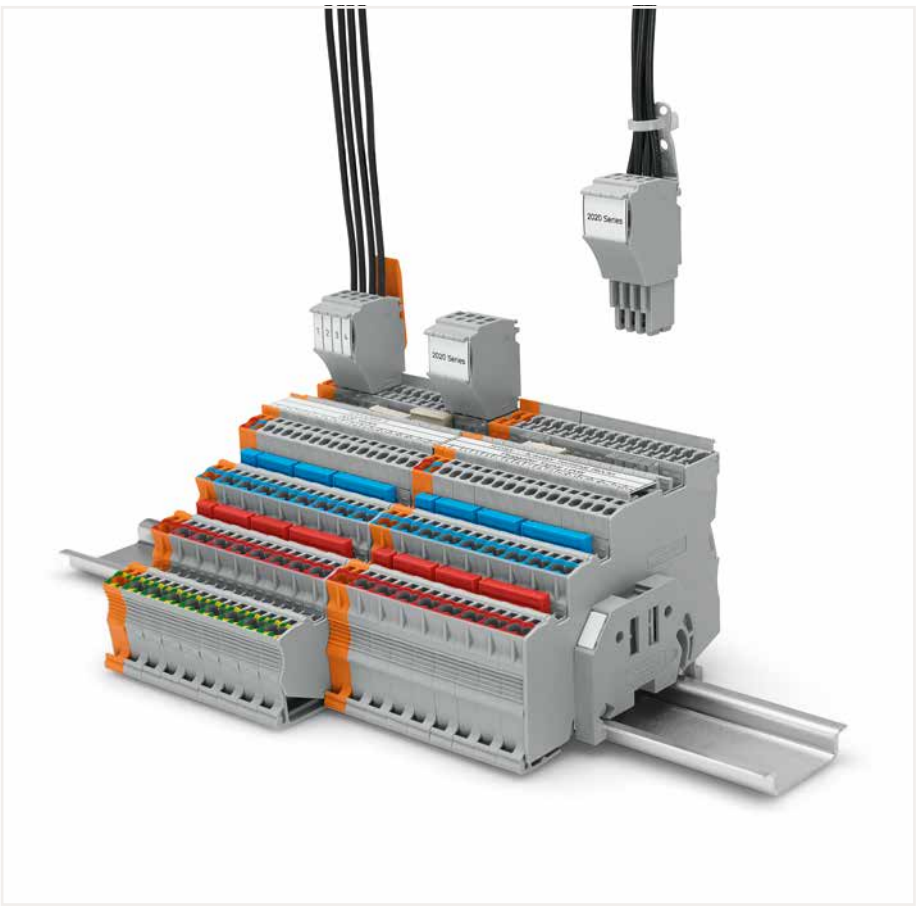
Labeling terminal blocks via marking strips (2009-110) or 3.5 mm wide WMB markers (793-35xx) – from the top or the side.



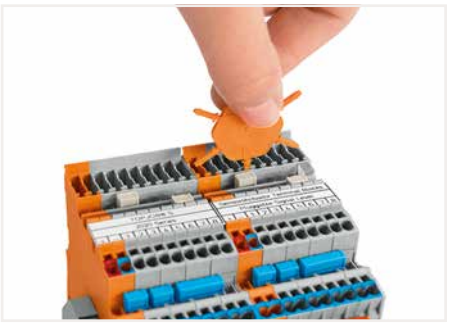
Removing a female plug via conductor bundle provided with strain relief plate.



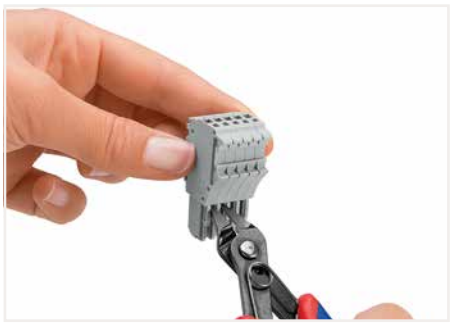
Slide the locking lever into position.



Testing via testing tap (2009-182) or test plug adapter (2009-174) (up to max. 42 V).



Insert coding pin into the corresponding slot and twist it off.

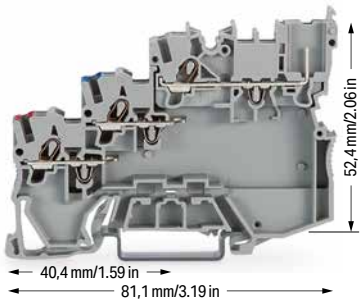


Remove the coding finger using a cutting tool.

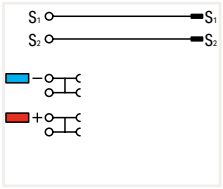
PUSH-IN CAGE CLAMP®

3-Conductor Sensor Terminal Block TOPJOB® S; with Pluggable Signal Level
1 (1.5) mm²; 2020 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
250 V/4 kV/3 ❷	300 V, 15 A
I_N 13.5 A	300 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



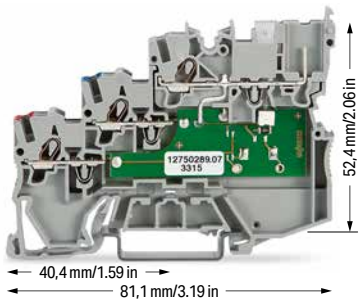
2020-5311



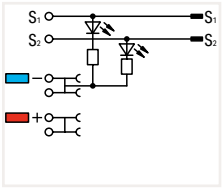
3-conductor sensor terminal block; with pluggable signal level

Color	Item No.	Pack. Unit
gray	2020-5311	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
24 VDC	24 V, 15 A
I_N 13.5 A	24 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



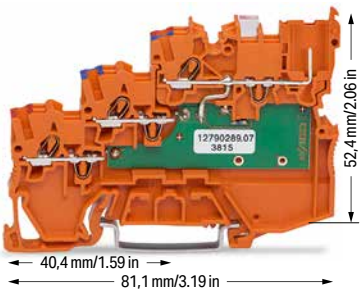
2020-5311/1102-950



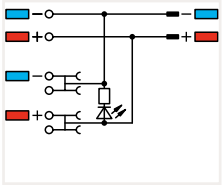
3-conductor sensor terminal block; yellow LED; for PNP (high-side) switching sensors; with pluggable signal level

Color	Item No.	Pack. Unit
gray	2020-5311/1102-950	50

Note:
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load. An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

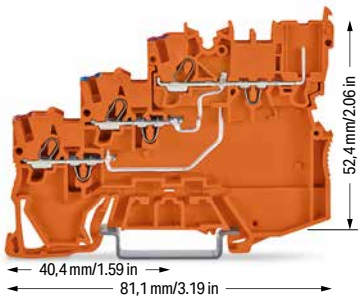


2020-5372/1102-953

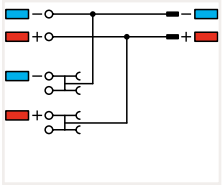


3-conductor sensor LED supply terminal block; green LED; 24 VDC; with pluggable signal level

Color	Item No.	Pack. Unit
orange	2020-5372/1102-953	15



2020-5372



3-conductor sensor supply terminal block; max. 250 V; internally commoned; with pluggable signal level

Color	Item No.	Pack. Unit
orange	2020-5372	50

❶ Conductor range: 0.14 … 1.5 mm² "s+f-st"; Push-in termination: 0.5 … 1.5 mm² "s" and 0.5 … 0.75 mm² "insulated ferrules; 10 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ 3.5 mm spacing per signal (2 x 3.5 mm = 7 mm)
Note:
The double spacing per pole of this terminal block series maximizes connectivity. For example, **ten** sensors may be connected using only **five** sensor terminal blocks plus a power supply terminal block.

Please observe the application notes:
Jumpers, from page 174

Approvals and corresponding ratings, visit www.wago.com

Accessories; for 3-conductor terminal blocks

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick; for 3-conductor terminal blocks

gray	2020-5391	100 (25)

Push-in type jumper bar; insulated; I_N 14 A; light gray

2-way	2000-402	25
3-way	2000-403	25
4-way	2000-404	25
5-way	2000-405	25
6-way	2000-406	25
7-way	2000-407	25
8-way	2000-408	25
9-way	2000-409	25
10-way	2000-410	25

Colored push-in type jumper bar

red	.../000-005
blue	.../000-006

Push-in type jumper bar; insulated; I_N 14 A; light gray

1 to 3	2000-433	25
1 to 4	2000-434	25
1 to 5	2000-435	25
1 to 6	2000-436	25
1 to 7	2000-437	25
1 to 8	2000-438	25
1 to 9	2000-439	25
1 to 10	2000-440	25

Carrier with 6 coding pins; for coding female plugs

orange	2020-100	100 (25)

1-conductor female plug

gray	2020-102	100

2-conductor female plug

gray	2020-202	100

Test plug adapter; for 4 mm Ø test plug

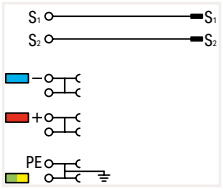
gray	2009-174	100 (25)

4-Conductor Sensor Terminal Block TOPJOB® S; with Pluggable Signal Level
1 (1.5) mm²; 2020 Series

1

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
250 V/4 kV/3 ❷	300 V, 15 A
I_N 13.5 A	300 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	

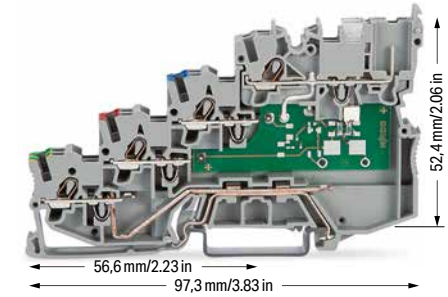
2020-5417



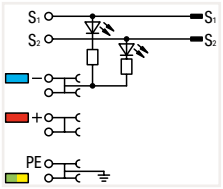
4-conductor sensor terminal block; with ground connection; with pluggable signal level

Color	Item No.	Pack. Unit
gray	2020-5417	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
24 VDC	24 V, 15 A
I_N 13.5 A	24 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



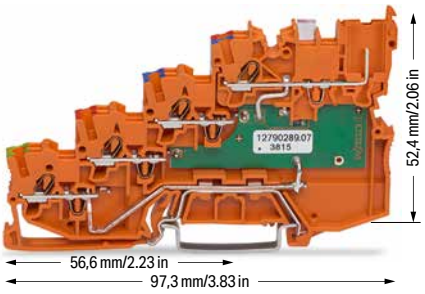
2020-5417/1102-950



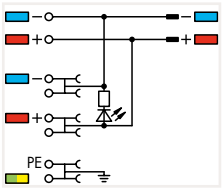
4-conductor sensor terminal block; yellow LED; for PNP (high-side) switching sensors; with ground connection; with pluggable signal level

Color	Item No.	Pack. Unit
gray	2020-5417/1102-950	50

Note:
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load. An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

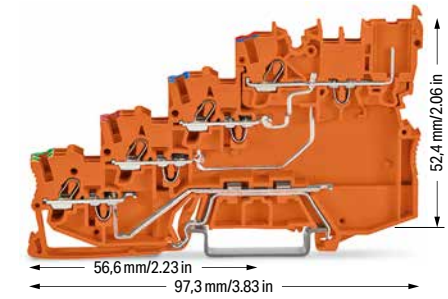


2020-5477/1102-953

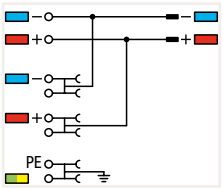


4-conductor sensor LED supply terminal block; green LED; 24 VDC; with ground connection; with pluggable signal level

Color	Item No.	Pack. Unit
orange	2020-5477/1102-953	15



2020-5477



4-conductor sensor supply terminal block; max. 250 V; internally commoned; with ground connection; with pluggable signal level

Color	Item No.	Pack. Unit
orange	2020-5477	50

❶ Conductor range: 0.14 … 1.5 mm² "s+f-st"; Push-in termination: 0.5 … 1.5 mm² "s" and 0.5 … 0.75 mm² "insulated ferrules; 10 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ 3.5 mm spacing per signal (2 x 3.5 mm = 7 mm)
Note:
The double spacing per pole of this terminal block series maximizes connectivity. For example, **ten** sensors may be connected using only **five** sensor terminal blocks plus a power supply terminal block.

Please observe the application notes:
Jumpers, from page 174

Approvals and corresponding ratings, visit www.wago.com

Accessories; for 4-conductor terminal blocks

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick; for 4-conductor terminal blocks

gray	2020-5491	100 (25)

Push-in type jumper bar; insulated; I_N 14 A; light gray

2-way	2000-402	25
3-way	2000-403	25
4-way	2000-404	25
5-way	2000-405	25
6-way	2000-406	25
7-way	2000-407	25
8-way	2000-408	25
9-way	2000-409	25
10-way	2000-410	25

Colored push-in type jumper bar

red	.../000-005
blue	.../000-006
yellow-green	.../000-018

Push-in type jumper bar; insulated; I_N 14 A; light gray

1 to 3	2000-433	25
1 to 4	2000-434	25
1 to 5	2000-435	25
1 to 6	2000-436	25
1 to 7	2000-437	25
1 to 8	2000-438	25
1 to 9	2000-439	25
1 to 10	2000-440	25

Carrier with 6 coding pins; for coding female plugs

orange	2020-100	100 (25)

1-conductor female plug

gray	2020-102	100

2-conductor female plug

gray	2020-202	100

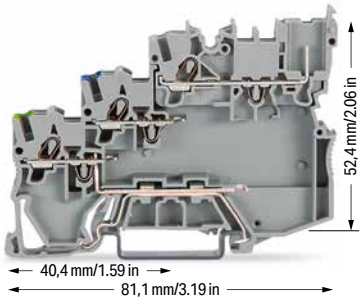
Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

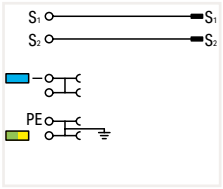
PUSH-IN CAGE CLAMP®

3-Conductor Actuator Terminal Block TOPJOB® S; with Pluggable Signal Level
1 (1.5) mm²; 2020 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
250 V/4 kV/3 ❷	300 V, 15 A
I_N 13.5 A	300 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



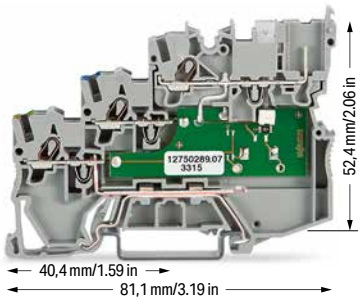
2020-5317/102-000



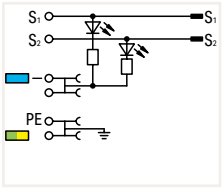
3-conductor actuator terminal block; for PNP (high-side) switching actuators; with ground connection; with pluggable signal level

Color	Item No.	Pack. Unit
gray	2020-5317/102-000	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
24 VDC	24 V, 15 A
I_N 13.5 A	24 V, 10 A
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



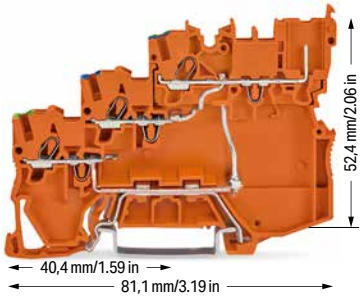
2020-5317/1102-950



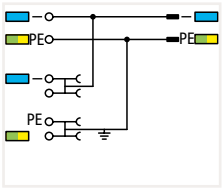
3-conductor actuator terminal block; yellow LED; for PNP (high-side) switching actuators; with ground connection; with pluggable signal level

Color	Item No.	Pack. Unit
gray	2020-5317/1102-950	50

Note:
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load. An appropriate end plate must be applied to the carrier terminal blocks after each female plug.



2020-5377/102-000



3-conductor actuator supply terminal block; for PNP (high-side) switching actuators; with ground connection; internally commoned; with pluggable signal level

Color	Item No.	Pack. Unit
orange	2020-5377/102-000	15

❶ Conductor range: 0.14 … 1.5 mm² "s+f-st"; Push-in termination: 0.5 … 1.5 mm² "s" and 0.5 … 0.75 mm² "insulated ferrules; 10 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ 3.5 mm spacing per signal (2 x 3.5 mm = 7 mm)
Note:
The double spacing per pole of this terminal block series maximizes connectivity. For example, **ten** sensors may be connected using only **five** sensor terminal blocks plus a power supply terminal block.

Please observe the application notes:
Jumpers, from page 174

Approvals and corresponding ratings, visit www.wago.com

Accessories; for 3-conductor terminal blocks

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick; for 3-conductor terminal blocks

gray	2020-5391	100 (25)

Push-in type jumper bar; insulated; I_N 14 A; light gray

2-way	2000-402	25
3-way	2000-403	25
4-way	2000-404	25
5-way	2000-405	25
6-way	2000-406	25
7-way	2000-407	25
8-way	2000-408	25
9-way	2000-409	25
10-way	2000-410	25

Colored push-in type jumper bar

red	.../000-005
blue	.../000-006
yellow-green	.../000-018

Push-in type jumper bar; insulated; I_N 14 A; light gray

1 to 3	2000-433	25
1 to 4	2000-434	25
1 to 5	2000-435	25
1 to 6	2000-436	25
1 to 7	2000-437	25
1 to 8	2000-438	25
1 to 9	2000-439	25
1 to 10	2000-440	25

Carrier with 6 coding pins; for coding female plugs

orange	2020-100	100 (25)

1-conductor female plug

gray	2020-102	100

2-conductor female plug

gray	2020-202	100

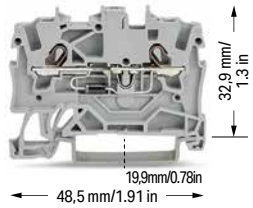
Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

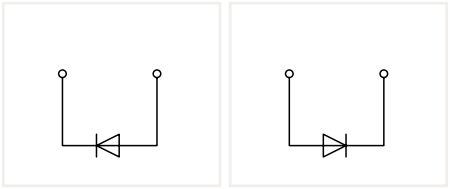
Diode Terminal Block, LED Terminal Block TOPJOB® S
1.5 (2.5) mm²; 2001 Series

1

Technical Data	
0.25 … 1.5 (2.5) mm² ❶	22 … 14 AWG
U_N 250 V; U_{RM} 1000 V	
1N4007 - 0.5 A continuous current	
Terminal block width: 4.2 mm / 0.165 inch	
9 … 11 mm / 0.35 … 0.43 inch	



2001-1211/1000-411 2001-1211/1000-410



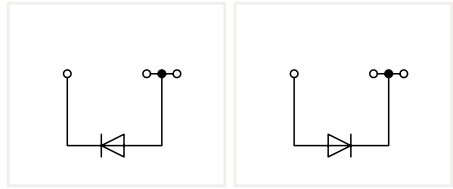
2-conductor diode terminal block; with 1N4007 diode

	Item No.	Pack. Unit
◯ anode right	2001-1211/1000-411	100
◯ anode left	2001-1211/1000-410	100

Other terminal blocks with the same profile:		
Through	2001-1201	Page 56

Technical Data	
0.25 … 1.5 (2.5) mm² ❶	22 … 14 AWG
U_N 250 V; U_{RM} 1000 V	
1N4007 - 0.5 A continuous current	
Terminal block width: 4.2 mm / 0.165 inch	
9 … 11 mm / 0.35 … 0.43 inch	

2001-1311/1000-411 2001-1311/1000-410

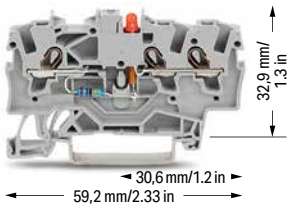


3-conductor diode terminal block; with 1N4007 diode

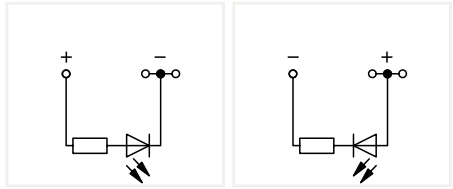
	Item No.	Pack. Unit
◯ anode right	2001-1311/1000-411	100
◯ anode left	2001-1311/1000-410	100

Other terminal blocks with the same profile:		
Through	2001-1301	Page 56

Technical Data	
0.25 … 1.5 (2.5) mm² ❶	22 … 14 AWG
24 VDC	
I_F 0.025 A max.	
Terminal block width: 4.2 mm / 0.165 inch	
9 … 11 mm / 0.35 … 0.43 inch	



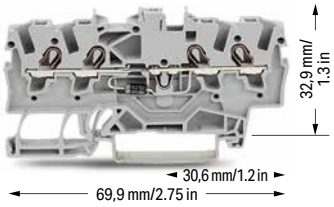
2001-1321/1000-434 2001-1321/1000-413



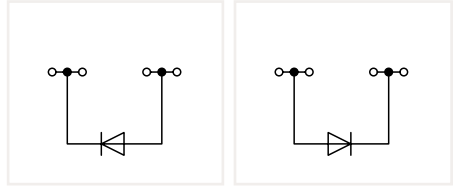
3-conductor LED terminal block; with red LED
Notice: This LED terminal block cannot be commoned with push-in type jumper bars.

	Item No.	Pack. Unit
◯ anode right	2001-1321/1000-434	100
◯ anode left	2001-1321/1000-413	100

Other terminal blocks with the same profile:		
Through	2001-1301	Page 56



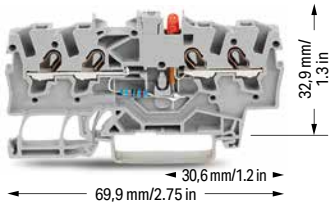
2001-1411/1000-411 2001-1411/1000-410



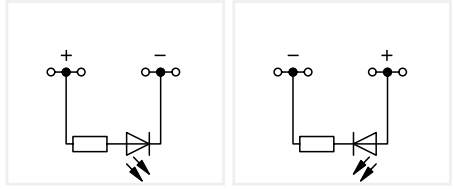
4-conductor diode terminal block; with 1N4007 diode

	Item No.	Pack. Unit
◯ anode right	2001-1411/1000-411	100
◯ anode left	2001-1411/1000-410	100

Other terminal blocks with the same profile:		
Through	2001-1401	Page 56



2001-1421/1000-434 2001-1421/1000-413



4-conductor LED terminal block; with red LED
Notice: This LED terminal block cannot be commoned with push-in type jumper bars.

	Item No.	Pack. Unit
◯ anode right	2001-1421/1000-434	100
◯ anode left	2001-1421/1000-413	100

Other terminal blocks with the same profile:		
Through	2001-1401	Page 56

PUSH-IN CAGE CLAMP®

Diode Terminal Blocks and LED Terminal Blocks TOPJOB® S
Circuit Configuration Examples

❶ Conductor range: 0.25 … 2.5 mm² “s+f-st”; Push-in termination: 0.75 … 2.5 mm² “s” and 0.75 … 1.5 mm² “insulated ferrules; 12 mm” Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

Approvals and corresponding ratings, visit www.wago.com

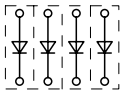
Accessories; 2001 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²			
	light gray	**2001-171**	200 (25)

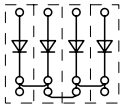
Push-in type jumper bar; insulated; I_N 18 A; light gray			
	2-way	**2001-402**	25
	3-way	**2001-403**	25
	4-way	**2001-404**	25
	5-way	**2001-405**	25
	6-way	**2001-406**	25
	7-way	**2001-407**	25
	8-way	**2001-408**	25
	9-way	**2001-409**	25
	10-way	**2001-410**	25

Push-in type jumper bar; insulated; I_N 18 A; light gray			
	1 to 3	**2001-433**	25
	1 to 4	**2001-434**	25
	1 to 5	**2001-435**	25
	1 to 6	**2001-436**	25
	1 to 7	**2001-437**	25
	1 to 8	**2001-438**	25
	1 to 9	**2001-439**	25
	1 to 10	**2001-440**	25

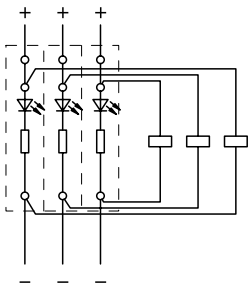


Open diode gates can be created using the following terminal blocks:
2001-1211/1000-410 or 2001-1211/1000-411

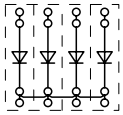
These diode terminal blocks have been specially developed for custom diode circuits, such as lamp test and collective fault signal circuits.



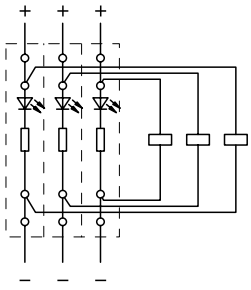
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2001-1311/1000-410 or 2001-1311/1000-411



Circuit-related voltage indications can be created using the following terminal blocks:
2001-1321/1000-434 or 2001-1321/1000-413



Polarized diode gates with a common cathode can be created using the following terminal blocks:
2001-1411/1000-410 or 2001-1411/1000-411

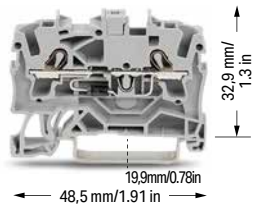


Circuit-related voltage indications can be created using the following terminal blocks:
2001-1421/1000-434 or 2001-1421/1000-413

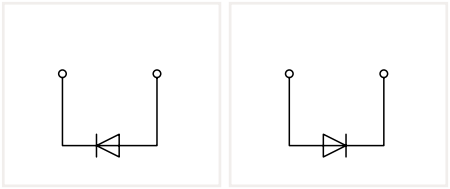
Diode Terminal Block, LED Terminal Block TOPJOB® S
2.5 (4) mm²; 2002 Series

1

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
U_N 250 V; U_{RM} 1000 V	
1N4007 - 0.5 A continuous current	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2002-1211/1000-411 2002-1211/1000-410

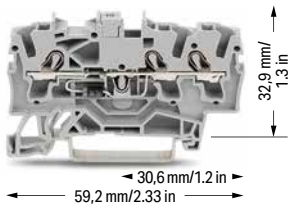


2-conductor diode terminal block; with 1N4007 diode

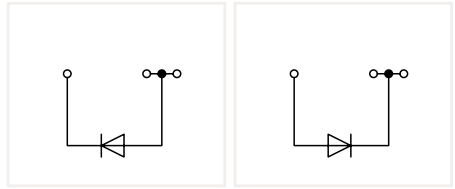
	Item No.	Pack. Unit
◯ anode right	2002-1211/1000-411	100
◯ anode left	2002-1211/1000-410	100

Other terminal blocks with the same profile:		
Through	2002-1201	Page 58

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
U_N 250 V; U_{RM} 1000 V	
1N4007 - 0.5 A continuous current	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2002-1311/1000-411 2002-1311/1000-410

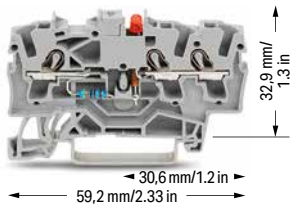


3-conductor diode terminal block; with 1N4007 diode

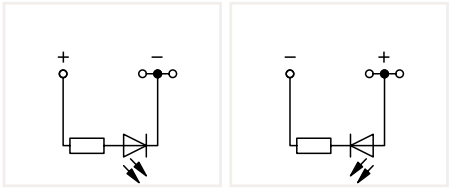
	Item No.	Pack. Unit
◯ anode right	2002-1311/1000-411	100
◯ anode left	2002-1311/1000-410	100

Other terminal blocks with the same profile:		
Through	2002-1301	Page 58

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
24 VDC	
I_F 0.025 A max.	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2002-1321/1000-434 2002-1321/1000-413

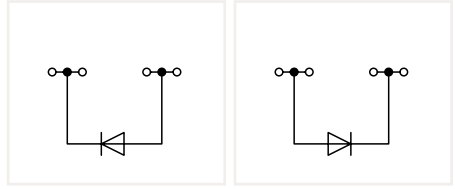


3-conductor LED terminal block; with red LED
Notice: This LED terminal block cannot be commoned with push-in type jumper bars.

	Item No.	Pack. Unit
◯ anode right	2002-1321/1000-434	100
◯ anode left	2002-1321/1000-413	100

Other terminal blocks with the same profile:		
Through	2002-1301	Page 58

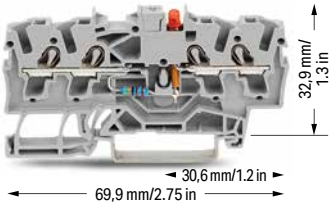
2002-1411/1000-411 2002-1411/1000-410



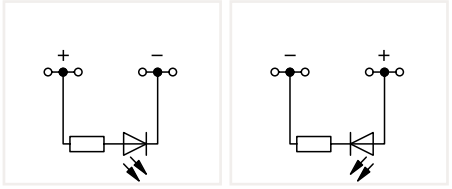
4-conductor diode terminal block; with 1N4007 diode

	Item No.	Pack. Unit
◯ anode right	2002-1411/1000-411	100
◯ anode left	2002-1411/1000-410	100

Other terminal blocks with the same profile:		
Through	2002-1401	Page 58



2002-1421/1000-434 2002-1421/1000-413



4-conductor LED terminal block; with red LED
Notice: This LED terminal block cannot be commoned with push-in type jumper bars.

	Item No.	Pack. Unit
◯ anode right	2002-1421/1000-434	100
◯ anode left	2002-1421/1000-413	100

Other terminal blocks with the same profile:		
Through	2002-1401	Page 58

PUSH-IN CAGE CLAMP®

Diode Terminal Blocks and LED Terminal Blocks TOPJOB® S
Circuit Configuration Examples

❶ Conductor range: 0.25 … 4 mm² “s+f-st”; Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	**2002-171**	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

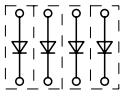
dark gray	**2002-172**	200 (25)

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

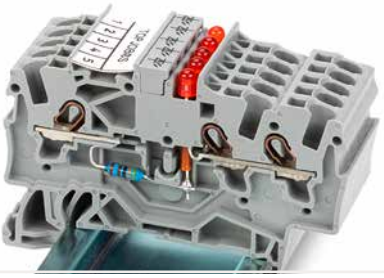
2-way	**2002-402**	25
3-way	**2002-403**	25
4-way	**2002-404**	25
5-way	**2002-405**	25
6-way	**2002-406**	25
7-way	**2002-407**	25
8-way	**2002-408**	25
9-way	**2002-409**	25
10-way	**2002-410**	25

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

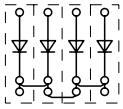
1 to 3	**2002-433**	25
1 to 4	**2002-434**	25
1 to 5	**2002-435**	25
1 to 6	**2002-436**	25
1 to 7	**2002-437**	25
1 to 8	**2002-438**	25
1 to 9	**2002-439**	25
1 to 10	**2002-440**	25



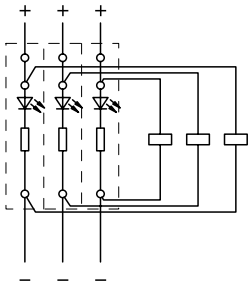
Open diode gates can be created using the following terminal blocks:
2002-1211/1000-410 or 2002-1211/1000-411



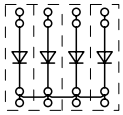
Using LED terminal blocks, monitoring units can be designed, e.g., for control and operating circuits.



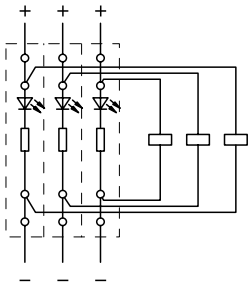
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2002-1311/1000-410 or 2002-1311/1000-411



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



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

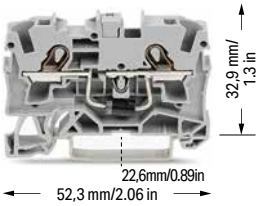


Circuit-related voltage indications can be created using the following terminal blocks:
2002-1421/1000-434 or 2002-1421/1000-413

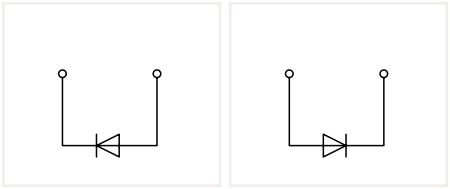
Diode Terminal Block TOPJOB® S
4 (6) mm²; 2004 Series

1

Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
U_N 250 V; U_{RM} 1000 V	
1N5408 - 1.5 A continuous current	
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	



2004-1211/1000-401 2004-1211/1000-400



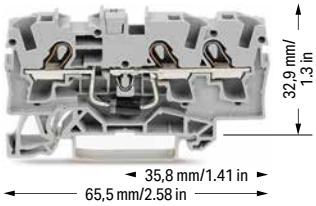
2-conductor diode terminal block; with 1N5408 diode

	Item No.	Pack. Unit
anode right	2004-1211/1000-401	50
anode left	2004-1211/1000-400	50

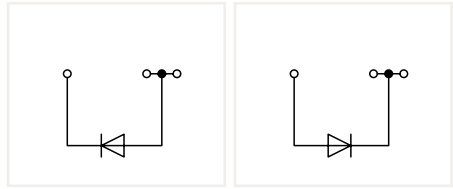
Other terminal blocks with the same profile:

Through	2004-1201	Page 62

Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
U_N 250 V; U_{RM} 1000 V	
1N5408 - 1.5 A continuous current	
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	



2004-1311/1000-401 2004-1311/1000-400



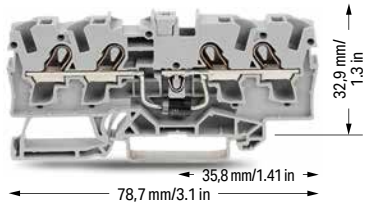
3-conductor diode terminal block; with 1N5408 diode

	Item No.	Pack. Unit
anode right	2004-1311/1000-401	50
anode left	2004-1311/1000-400	50

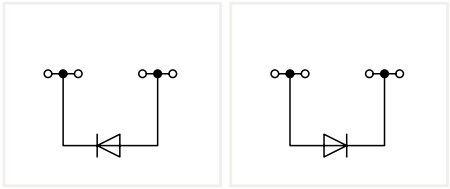
Other terminal blocks with the same profile:

Through	2004-1301	Page 62

Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
U_N 250 V; U_{RM} 1000 V	
1N5408 - 1.5 A continuous current	
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	



2004-1411/1000-401 2004-1411/1000-400



4-conductor diode terminal block; with 1N5408 diode

	Item No.	Pack. Unit
anode right	2004-1411/1000-401	50
anode left	2004-1411/1000-400	50

Other terminal blocks with the same profile:

Through	2004-1401	Page 62

PUSH-IN CAGE CLAMP®

Diode Terminal Blocks TOPJOB® S
Circuit Configuration Examples

❶ Conductor range: 0.5 … 6 mm² “s+f-st”;
Push-in termination: 1.5 … 6 mm² “s” and 1.5 … 4 mm² “insulated ferrules; 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2004 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	**2004-171**	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	**2004-172**	200 (25)

Push-in type jumper bar; insulated; I_N 32 A; light gray

2-way	**2004-402**	25
3-way	**2004-403**	25
4-way	**2004-404**	25
5-way	**2004-405**	25
6-way	**2004-406**	25
7-way	**2004-407**	25
8-way	**2004-408**	25
9-way	**2004-409**	25
10-way	**2004-410**	25

Push-in type jumper bar; insulated; I_N 32 A; light gray

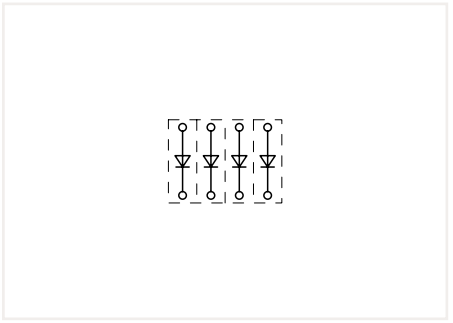
1 to 3	**2004-433**	25
1 to 4	**2004-434**	25
1 to 5	**2004-435**	25
1 to 6	**2004-436**	25
1 to 7	**2004-437**	25
1 to 8	**2004-438**	25
1 to 9	**2004-439**	25
1 to 10	**2004-440**	25

Wire commoning chain; 50 connections; insulated; I_N 8 A

black	**210-103**	5

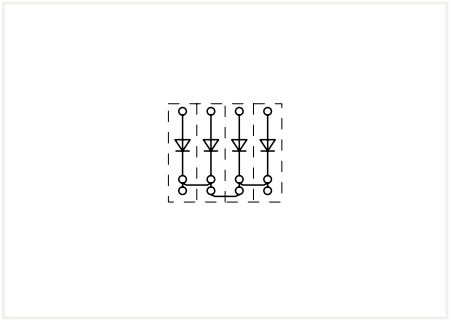
Wire commoning chain; 50 connections; insulated; I_N 8 A

blue	**210-123**	5

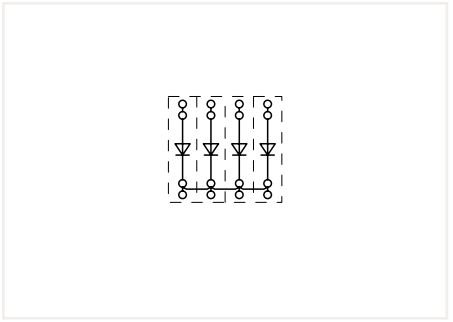


Open diode gates can be created using the following terminal blocks:
2004-1211/1000-400 or 2004-1211/1000-401

These diode terminal blocks have been specially developed for custom diode circuits, such as lamp test and collective fault signal circuits.



Polarized diode gates with a common cathode can be created using the following terminal blocks:
2004-1311/1000-400 or 2004-1311/1000-401



Polarized diode gates with a common cathode can be created using the following terminal blocks:
2004-1411/1000-400 or 2004-1411/1000-401

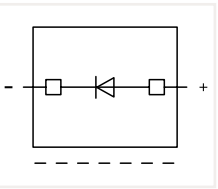
Pluggable Diode Module TOPJOB® S on Carrier Terminal Block 2.5 (4) mm²
2002 Series

1

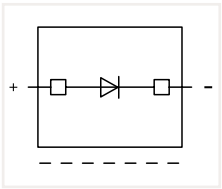
Technical Data

U_N 250 V; U_{RM} 1000 V
I_N 0.5 A
Plug width: 5.2 mm / 0.205 inch

2002-800/1000-411



2002-800/1000-410



Diode module; with 1N4007 diode; max. operating temperature: 85°C; 5.2 mm wide

	Item No.	Pack. Unit
anode right	2002-800/1000-411	100
anode left	2002-800/1000-410	100

Accessories for Carrier Terminal Blocks

Appropriate marking systems:
WMB/Marking strips

2-conductor carrier terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1661	50

2-conductor carrier terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1661	50

End and intermediate plate; 1 mm thick

orange	2002-1692	100 (25)
gray	2002-1691	100 (25)

3-conductor carrier terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1761	50

3-conductor carrier terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1761	50

End and intermediate plate; 1 mm thick

orange	2002-1792	100 (25)
gray	2002-1791	100 (25)

Please observe the application notes:
Jumpers, from page 174
Marking, from page 640

Approvals and corresponding ratings,
visit www.wago.com

Accessories for Carrier Terminal Blocks

Appropriate marking systems:
WMB/Marking strips

4-conductor carrier terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1861	50

4-conductor carrier terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1861	50

End and intermediate plate; 1 mm thick

orange	2002-1892	100 (25)
gray	2002-1891	100 (25)

2-conductor carrier terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1961	50

2-conductor carrier terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1961	50

End and intermediate plate; 1 mm thick

orange	2002-1992	100 (25)
gray	2002-1991	100 (25)

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

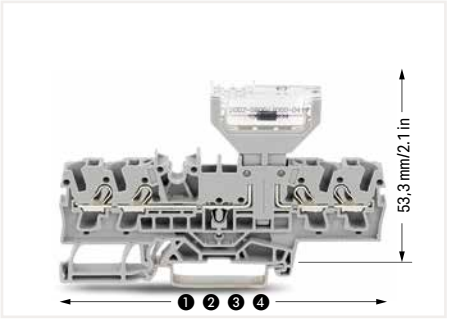
L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

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

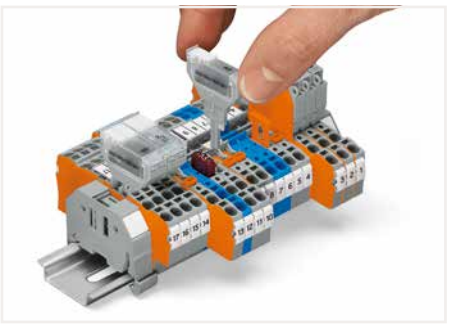
2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

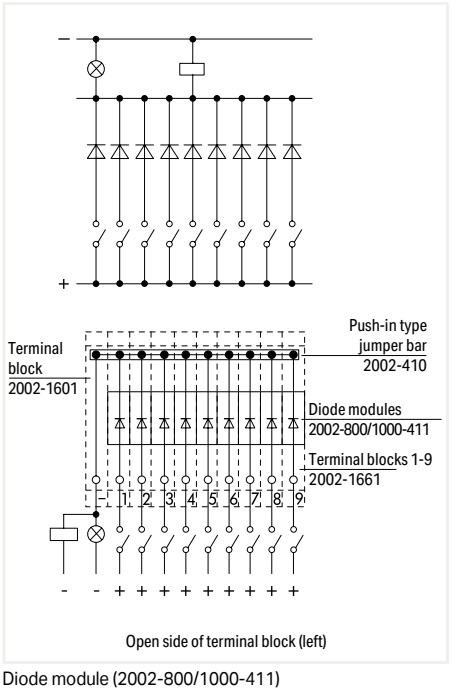
1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25



Lengths of carrier terminal blocks with a pluggable diode module:
1. 66.1 mm / 2.62 inch for 2002-1661
2. 76.8 mm / 3.02 inch for 2002-1761
3. 87.5 mm / 3.45 inch for 2002-1861
4. 72.9 mm / 2.87 inch for 2002-1961



These diode modules are ideal for custom diode circuits (e.g., lamp test and collective fault signal circuits) and offer the following advantages:
- Separation into functional and wiring levels
- Polarized switching direction
- Quick and easy module replacement
- Terminal blocks/modules provide high-density wiring in a width of just 5.2 mm



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

PUSH-IN CAGE CLAMP®

Pluggable Diode Module, Empty Component Plug Housing TOPJOB® S on Through Terminal Block 2.5 (4) mm²

2002 Series

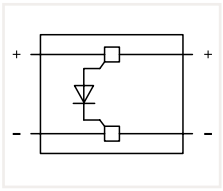
Technical Data

U_N 250 V; U_{RM} 1000 V

I_N 0.5 A

Plug width: 10.4 mm / 0.409 inch

2002-880/1000-411



Diode module; with 1N4007 recovery diode; max. operating temperature: 85°C; 10.4 mm wide

Color	Item No.	Pack. Unit
gray	2002-880/1000-411	50

Empty component plug housing; type 4; 10.4 mm wide

gray	2002-880	50

Accessories for Through Terminal Blocks

Appropriate marking systems:
WMB/Marking strips

2-conductor through terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1201	100

2-conductor through terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1201	100

End and intermediate plate; 0.8 mm thick

orange	2002-1292	100 (25)
gray	2002-1291	100 (25)

3-conductor through terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1301	100

3-conductor through terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1301	100

End and intermediate plate; 0.8 mm thick

orange	2002-1392	100 (25)
gray	2002-1391	100 (25)

Please observe the application notes:
Jumpers, from page 174
Marking, from page 640

Approvals and corresponding ratings,
visit www.wago.com

Accessories for Through Terminal Blocks

Appropriate marking systems:
WMB/Marking strips

4-conductor through terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1401	100

4-conductor through terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1401	100

End and intermediate plate; 0.8 mm thick

orange	2002-1492	100 (25)
gray	2002-1491	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2002-115	100 (25)

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

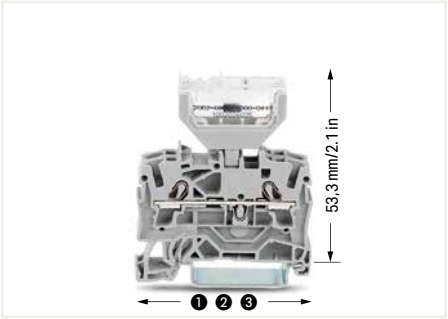
L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

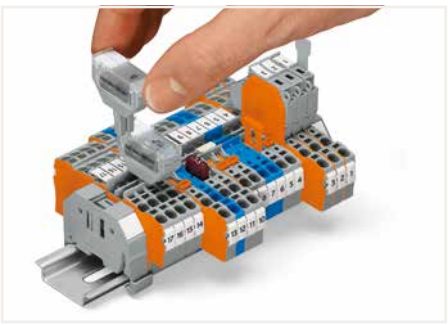
Push-in type jumper bar; insulated; I_N 25 A; light gray

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25



Lengths of through terminal blocks with a pluggable diode module:

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



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

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

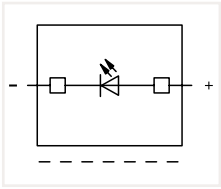
Opening the cover via operating tool (2.5 mm blade).

PUSH-IN CAGE CLAMP®

Pluggable LED Module TOPJOB® S on Carrier Terminal Block 2.5 (4) mm²
2002 Series

1

Technical Data
U_N 250 V; U_{RM} 1000 V
I_N ≤ 3 mA
Plug width: 5.2 mm / 0.205 inch



LED module; with red LED; max. operating temperature: 85°C; 5.2 mm wide

	Item No.	Pack. Unit
◯ 12 … 30 V	2002-800/1000-541	100
◯ 30 … 65 V	2002-800/1000-542	100
◯ 230 V	2002-800/1000-836	100

Accessories for Carrier Terminal Blocks

Appropriate marking systems:
WMB/Marking strips

2-conductor carrier terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1661	50

2-conductor carrier terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1661	50

End and intermediate plate; 1 mm thick

orange	2002-1692	100 (25)
gray	2002-1691	100 (25)

3-conductor carrier terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1761	50

3-conductor carrier terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1761	50

End and intermediate plate; 1 mm thick

orange	2002-1792	100 (25)
gray	2002-1791	100 (25)

Please observe the application notes:
Jumpers, from page 174
Marking, from page 640

Approvals and corresponding ratings,
visit www.wago.com

Accessories for Carrier Terminal Blocks

Appropriate marking systems:
WMB/Marking strips

4-conductor carrier terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1861	50

4-conductor carrier terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1861	50

End and intermediate plate; 1 mm thick

orange	2002-1892	100 (25)
gray	2002-1891	100 (25)

2-conductor carrier terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1961	50

2-conductor carrier terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1961	50

End and intermediate plate; 1 mm thick

orange	2002-1992	100 (25)
gray	2002-1991	100 (25)

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

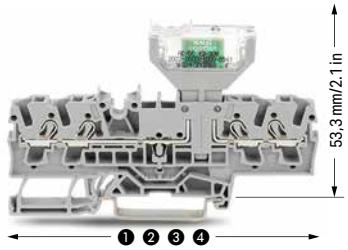
L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

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

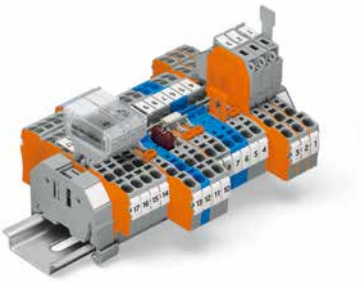
2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

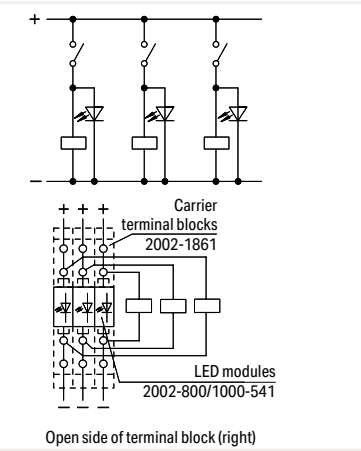
1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25



Lengths of carrier terminal blocks with a pluggable LED module:
❶ 66.1 mm / 2.62 inch for 2002-1661
❷ 76.8 mm / 3.02 inch for 2002-1761
❸ 87.5 mm / 3.45 inch for 2002-1861
❹ 72.9 mm / 2.87 inch for 2002-1961



The monitoring of control and operating current circuits with LED modules on rail-mount terminal blocks provides several advantages:
- No additional cost for assembly and wiring
- Separation into functional and wiring levels
- Modules can be replaced quickly by other types of modules
- Polarized switching direction
- Terminal blocks/modules provide high-density wiring in a width of just 5.2 mm



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

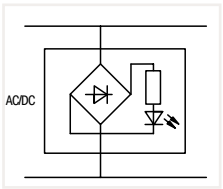
PUSH-IN CAGE CLAMP®

Pluggable LED Module TOPJOB® S on Through Terminal Block 2.5 (4) mm²
2002 Series

Technical Data

$I_N \leq 3$ mA

Plug width: 10.4 mm / 0.409 inch



LED module; with red LED; max. operating temperature: 85°C; 10.4 mm wide

	Item No.	Pack. Unit
◯ 12 … 30 V	2002-880/1000-541	50
◯ 30 … 65 V	2002-880/1000-542	50
◯ 230 V	2002-880/1000-836	50

Accessories for Through Terminal Blocks

Appropriate marking systems:
WMB/Marking strips

2-conductor through terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray 2002-1201 100

2-conductor through terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray 2202-1201 100

End and intermediate plate; 0.8 mm thick

orange 2002-1292 100 (25)
gray 2002-1291 100 (25)

3-conductor through terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray 2002-1301 100

3-conductor through terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray 2202-1301 100

End and intermediate plate; 0.8 mm thick

orange 2002-1392 100 (25)
gray 2002-1391 100 (25)

Please observe the application notes:
Marking, from page 640

Approvals and corresponding ratings,
visit www.wago.com

Accessories for Through Terminal Blocks

Appropriate marking systems:
WMB/Marking strips

4-conductor through terminal block;
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray 2002-1401 100

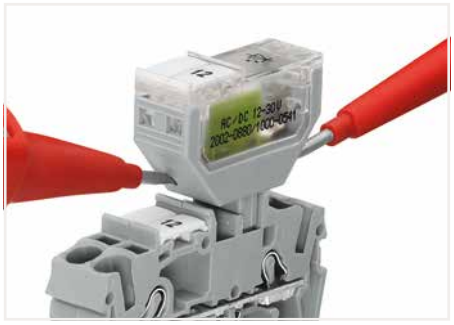
4-conductor through terminal block; with push-button
0.25 … 2.5 (4) mm² / 22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch

gray 2202-1401 100

End and intermediate plate; 0.8 mm thick

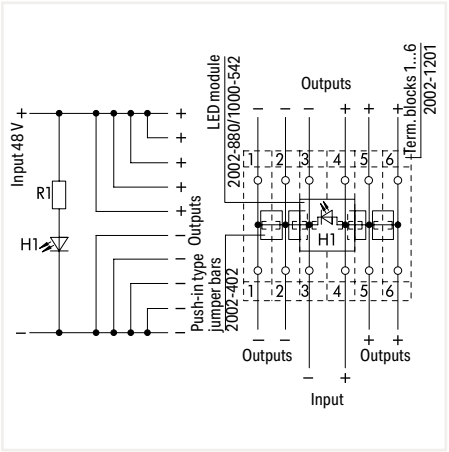
orange 2002-1492 100 (25)
gray 2002-1491 100 (25)

Dimensions of through terminal blocks with a pluggable LED module:
1 48.5 mm / 1.91 inch for 2002-1201
2 59.2 mm / 2.33 inch for 2002-1301
3 69.9 mm / 2.75 inch for 2002-1401

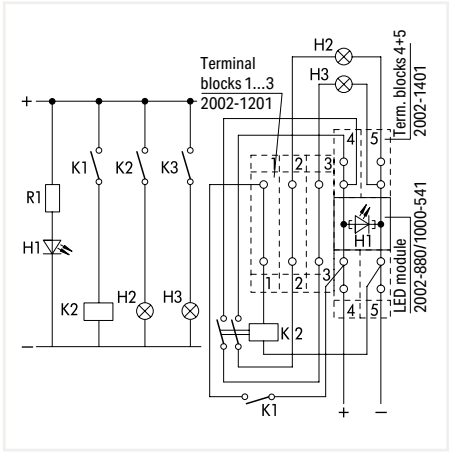


Testing via 2-pole test plugs.

Labeling via WMB Multi markers and marking strips



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



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

Empty Component Plug Housing TOPJOB® S on Carrier Terminal Block 2.5 (4) mm²
2002 Series

1

Technical Data
Plug width: 5.2 mm / 0.205 inch

Empty component plug housing; type 1; 2-pole; 5.2 mm wide

Color	Item No.	Pack. Unit
gray	2002-800	100

Technical Data
Plug width: 10.4 mm / 0.409 inch

Empty component plug housing; type 2; 2-pole; 10.4 mm wide

Color	Item No.	Pack. Unit
gray	2002-810	50

Empty component plug housing; type 3; 4-pole; 10.4 mm wide

gray	2002-820	50

Accessories for Carrier Terminal Blocks

Appropriate marking systems: WMB/Marking strips

2-conductor carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1661	50

4-conductor carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1861	50

2-conductor carrier terminal block; with push-button 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1661	50

4-conductor carrier terminal block; with push-button 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1861	50

End and intermediate plate; 1 mm thick

orange	2002-1692	100 (25)
gray	2002-1691	100 (25)

End and intermediate plate; 1 mm thick

orange	2002-1892	100 (25)
gray	2002-1891	100 (25)

3-conductor carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1761	50

2-conductor carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1961	50

3-conductor carrier terminal block; with push-button 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1761	50

2-conductor carrier terminal block; with push-button 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1961	50

End and intermediate plate; 1 mm thick

orange	2002-1792	100 (25)
gray	2002-1791	100 (25)

End and intermediate plate; 1 mm thick

orange	2002-1992	100 (25)
gray	2002-1991	100 (25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2002-115	100 (25)

Multi-purpose operating tool; for component plugs

	2002-116	5

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

Please observe the application notes:
Jumpers, from page 174
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

Accessories for Carrier Terminal Blocks

Appropriate marking systems: WMB/WMB Inline/Marking strips

Double-deck carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

L/L	2002-2961	50

Double-deck carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

L/N	2002-2963	50

End and intermediate plate; 1 mm thick

orange	2002-2992	100 (25)
gray	2002-2991	100 (25)

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

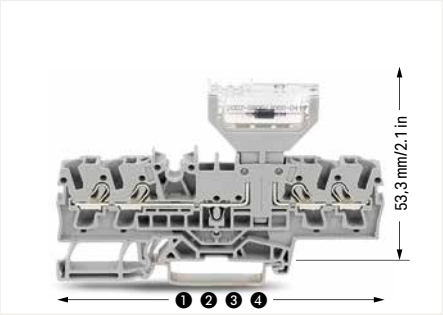
1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Staggered jumper; insulated; I_N 25 A; light gray

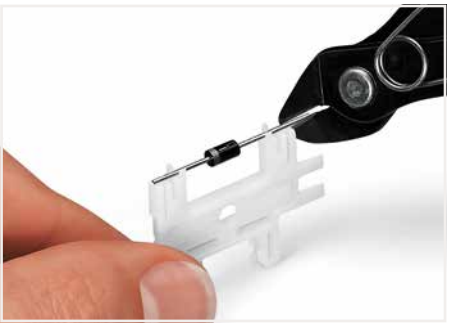
2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5

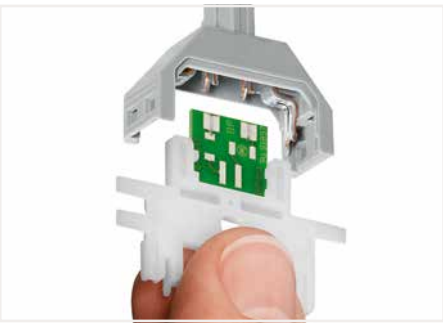


Lengths of carrier terminal blocks with a pluggable diode module:
1 66.1 mm / 2.62 inch for 2002-1661
2 76.8 mm / 3.02 inch for 2002-1761
3 87.5 mm / 3.45 inch for 2002-1861
4 72.9 mm / 2.87 inch for 2002-1961

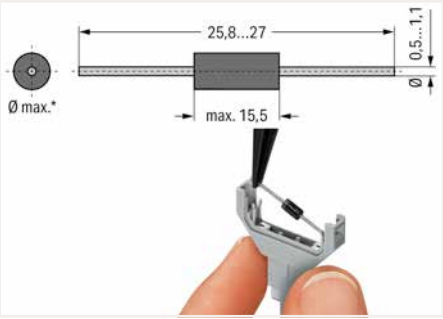


Cutting component to the proper length.

Pressing component into plug contact via operating tool.

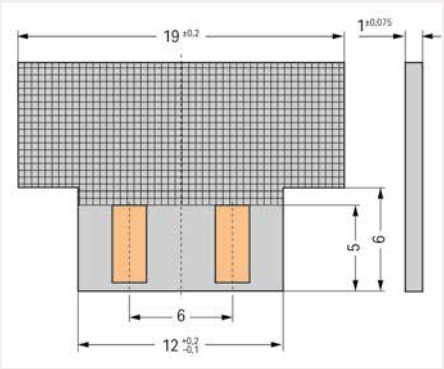


Pushing PCB into plug contact via operating tool.



*max. 3.4 mm Ø at 5.2 mm module width and
*max. 5.4 mm Ø at 10.4 mm module width
Notice: Reconnection only possible with similar or larger wire diameter.

Component plugs for building custom circuits solder-free assembly of diodes, resistors, etc. (Illustration shows a 1N4007 diode)



Dimensions of self-assembled PCBs:
Module height: 2 mm at 5.2 mm module width and module height: 3.3 mm at 10.4 mm module width

When closing the cover, please insert cover as shown in the illustration.

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

Opening the cover via multi-purpose operating tool for component plugs.

PUSH-IN CAGE CLAMP®

Component Plug TOPJOB® S on Carrier Terminal Blocks 2.5 (4) mm²
2042 Series

1

Component plug; 4-pole; transparent housing; with fiber optics; 10.3 mm wide		
	Item No.	Pack. Unit
	2042-321	5

Component plug; 6-pole; transparent housing; with fiber optics; 15.5 mm wide		
	Item No.	Pack. Unit
	2042-331	5

Component plug; 8-pole; transparent housing; with fiber optics; 20.7 mm wide		
	2042-341	5

Component plug; 10-pole; transparent housing; with fiber optics; 25.9 mm wide		
	2042-351	5

Accessories for Carrier Terminal Blocks

Appropriate marking systems: WMB/Marking strips

2-conductor carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1661	50

4-conductor carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1861	50

2-conductor carrier terminal block; with push-button 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1661	50

4-conductor carrier terminal block; with push-button 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1861	50

End and intermediate plate; 1 mm thick

orange	2002-1692	100 (25)
gray	2002-1691	100 (25)

End and intermediate plate; 1 mm thick

orange	2002-1892	100 (25)
gray	2002-1891	100 (25)

3-conductor carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1761	50

2-conductor carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2002-1961	50

3-conductor carrier terminal block; with push-button 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1761	50

2-conductor carrier terminal block; with push-button 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray	2202-1961	50

End and intermediate plate; 1 mm thick

orange	2002-1792	100 (25)
gray	2002-1791	100 (25)

End and intermediate plate; 1 mm thick

orange	2002-1992	100 (25)
gray	2002-1991	100 (25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2002-115	100 (25)

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

Length for 2002-1661 – 66.5 mm / 2.62 inch 2-conductor carrier terminal block

Length for 2002-1761 – 76.8 mm / 3.02 inch 3-conductor carrier terminal block

Length for 2002-1861 – 87.5 mm / 3.45 inch 4-conductor carrier terminal block

Length for 2002-1961 – 72.9 mm / 2.87 inch 2-conductor carrier terminal block; with additional jumper slot

Please observe the application notes:
Jumpers, from page 174
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

Accessories for Carrier Terminal Blocks

Appropriate marking systems: WMB/WMB Inline/Marking strips

Double-deck carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

L/L	2002-2961	50

Double-deck carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

L/N	2002-2963	50

End and intermediate plate; 1 mm thick

orange	2002-2992	100 (25)
gray	2002-2991	100 (25)

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

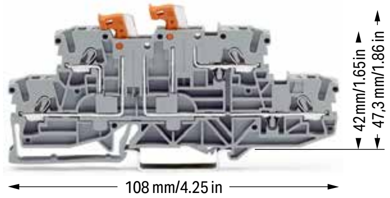
Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

1

Double-Deck Disconnect/Test Terminal Block TOPJOB® S
2.5 (4) mm²; 2002 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



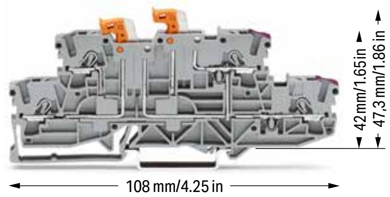
Double-deck, double-disconnect terminal block; with 2 pivoting knife disconnects; gray

	Item No.	Pack. Unit
L/L	2002-2951 ❹	50
N/L	2002-2952 ❹	50

Double-deck, double-disconnect terminal block; with 2 pivoting knife disconnects; blue

	Item No.	Pack. Unit
N/N	2002-2954 ❸❹	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



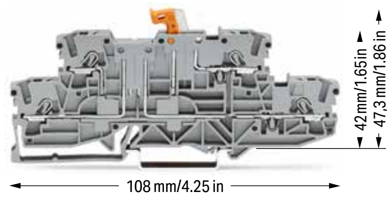
Double-deck, double-disconnect terminal block; with two pivoting knife disconnects; lower and upper decks internally commoned on right side, violet conductor entry; gray

	Item No.	Pack. Unit
L/L	2002-2958 ❹	50

Double-deck, double-disconnect terminal block; with two pivoting knife disconnects; lower and upper decks internally commoned on right side, violet conductor entry; blue

	Item No.	Pack. Unit
N/N	2002-2959 ❸❹	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Double-deck disconnect terminal block; with pivoting knife disconnect; same profile as double-deck, double-disconnect terminal block; gray

	Item No.	Pack. Unit
L/L	2002-2971 ❹	50
N/L	2002-2972 ❹	50

Double-deck disconnect terminal block; with pivoting knife disconnect; same profile as double-deck, double-disconnect terminal block; blue

	Item No.	Pack. Unit
N/N	2002-2974 ❸❹	50

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-2992	100 (25)
gray	2002-2991	100 (25)

Ex e/Ex i separator; orange; 3 mm thick

125.5 mm	209-192	50 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2002-115	100 (25)

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Delta jumper; insulated; I_N = I_N terminal block; light gray

1-2 3-4 5-6	2002-406/020-000	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

1-3-5	2002-405/011-000	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

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

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2002-549	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Testing tap; for max. 2.5 mm²

gray	2009-182	100 (25)

Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

red	210-136	50 (1)

❶ Conductor range: 0.25 … 4 mm² “s+f-st”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

❸ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

❹ Terminal blocks with an Ex mark are suitable for Ex e II applications.
440 V; 14 A
(see Section 15)

Please observe the application notes:
Jumpers, from page 174
Testing accessories, from page 169
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Marking strip; plain; 11 mm wide; 50 m reel

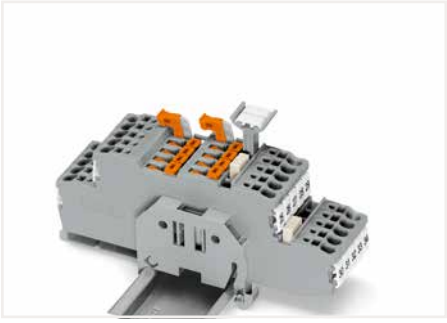
white **2009-110** 1

WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 … 5.2 mm stretchable

white **2009-115** 1

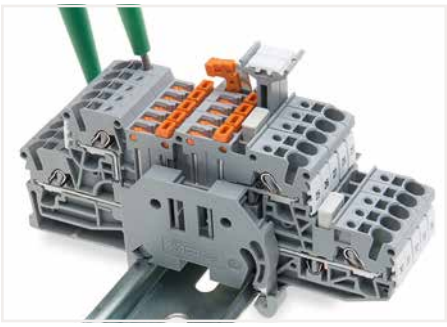
WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain **793-5501** 5

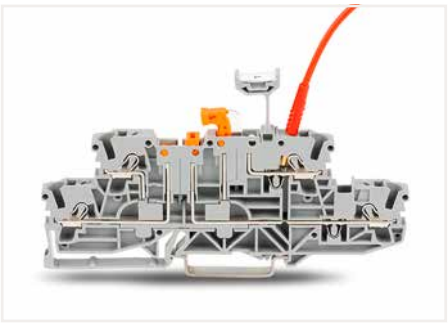


Double-deck, double-disconnect terminal blocks (2002-2951) with group marker carrier accommodated in jumper contact slot

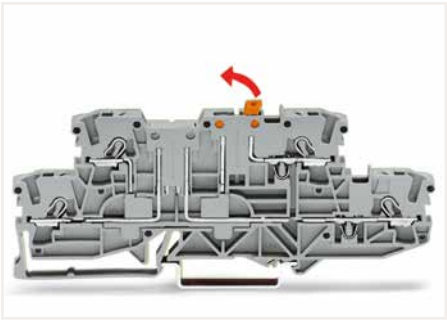
Double-deck, double-disconnect terminal block (2002-2951) with group marker carrier (2002-160) accommodated in jumper contact slot



Testing with voltage tester.



Double-deck, double-disconnect terminal block (2002-2951) with group marker carrier (2002-160) accommodated in a jumper contact slot and test plug (210-136)

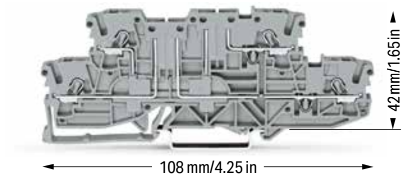


Double-deck disconnect terminal block (2002-2971)
Opening a knife disconnect.

1

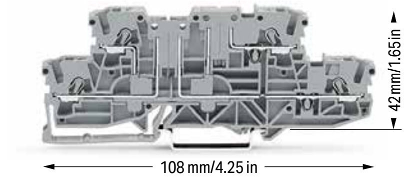
Double-Deck Carrier Terminal Block TOPJOB® S
2.5 (4) mm²; 2002 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



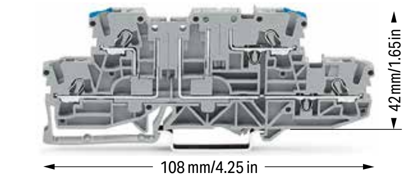
Double-deck carrier terminal block; gray		
	Bestellnr.	VPE
L/L	2002-2941 ❸	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Double-deck carrier terminal block; gray		
	Bestellnr.	VPE
L/L	2002-2961 ❸	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 15 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Double-deck carrier terminal block; gray		
	Bestellnr.	VPE
L/N	2002-2963 ❸	50

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2002-2992	100 (25)
gray	2002-2991	100 (25)

Ex e/Ex i separator; orange; 3 mm thick

125.5 mm	209-192	50 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks

yellow	2002-115	100 (25)

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Delta jumper; insulated; I_N = I_N terminal block; light gray

1-2 3-4 5-6	2002-406/020-000	25

Star point jumper; insulated; I_N = I_N terminal block; light gray

1-3-5	2002-405/011-000	25

Staggered jumper; insulated; I_N 25 A; light gray

2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

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

2-way	2002-400	25

Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; I_N 18 A

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

Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

orange	2002-401	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2002-549	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Testing tap; for max. 2.5 mm²

gray	2009-182	100 (25)

Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

red	210-136	50 (1)

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 … 5.2 mm stretchable

white	2009-115	1

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5

1

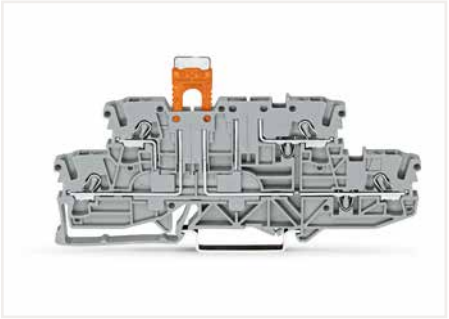
❶ Conductor range: 0.25 … 4 mm² “s+f-st”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

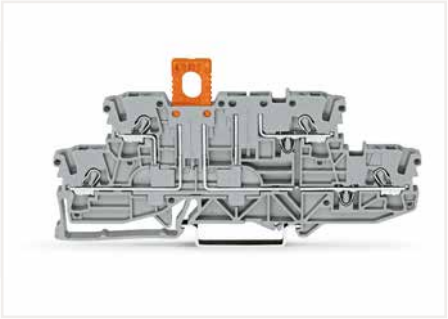
❸ Terminal blocks with an Ex mark are suitable for Ex e II applications.
440 V; 14 A

Please observe the application notes:
Jumpers, from page 174
Testing accessories, from page 169
Marking, from page 640

Approvals and corresponding ratings, visit www.wago.com



Carrier terminal block (2002-2941) with disconnect plug (2002-401) in parked position

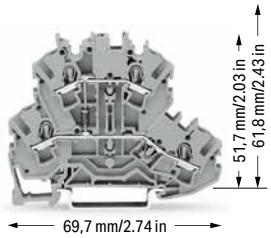


Carrier terminal block (2002-2941) with disconnect plug (2002-401) in operating position

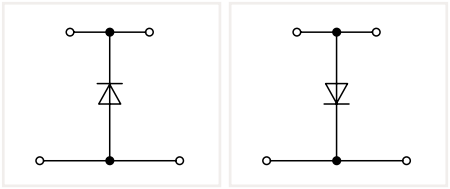
Double-Deck Diode Terminal Block and LED Terminal Block TOPJOB® S
2.5 (4) mm²; 2002 Series

1

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
U_N 250 V; U_{RM} 1000 V	
1N4007 - 0.5 A continuous current	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



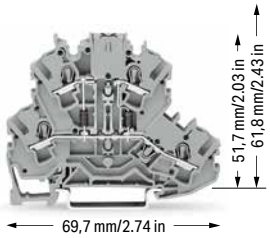
2002-2211/1000-410 2002-2211/1000-411



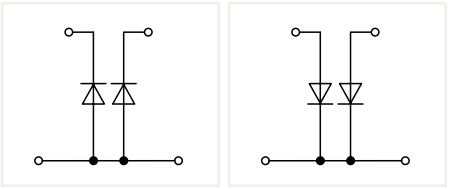
Double-deck diode terminal block; with 1N4007 diode; gray

	Item No.	Pack. Unit
○ anode bottom	2002-2211/1000-410	50
○ anode top	2002-2211/1000-411	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
U_N 250 V; U_{RM} 1000 V	
1N4007 - 0.5 A continuous current	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



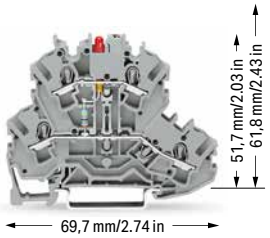
2002-2213/1000-487 2002-2213/1000-488



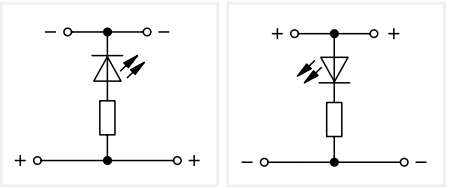
Double-deck diode terminal block; with two 1N4007 diodes; gray

	Item No.	Pack. Unit
○ anodes bottom	2002-2213/1000-487	50
○ anodes top	2002-2213/1000-488	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
24 VDC	
I_F 0.025 A max.	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

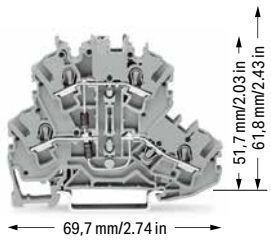


Double-deck LED terminal block; with red LED; gray

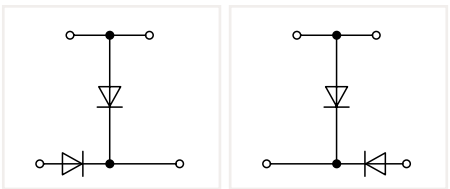
	Item No.	Pack. Unit
○ anode bottom	2002-2221/1000-434	50
○ anode top	2002-2221/1000-413	50

Other terminal blocks with the same profile:

Through	2002-2201	Page 76

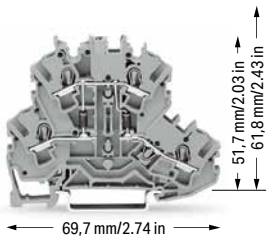


2002-2214/1000-492 2002-2214/1000-491

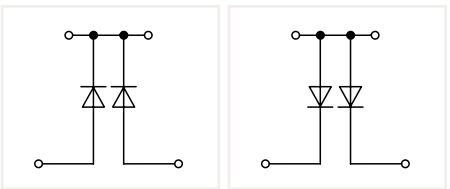


Double-deck diode terminal block; with two 1N4007 diodes; gray

	Item No.	Pack. Unit
○ anode top, anode left	2002-2214/1000-492	50
○ anode top, anode right	2002-2214/1000-491	50



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



Double-deck diode terminal block; with two 1N4007 diodes; gray

	Item No.	Pack. Unit
○ anodes bottom	2002-2214/1000-489	50
○ anodes top	2002-2214/1000-490	50

Double-deck diode terminal block; with two 1N4007 diodes; gray

	Item No.	Pack. Unit
○ anode top, anode bottom	2002-2214/1000-980	50

PUSH-IN CAGE CLAMP®

Double-Deck Diode Terminal Blocks and LED Terminal Blocks TOPJOB® S
Circuit Configuration Examples

❶ Conductor range: 0.25 … 4 mm² “s+f-st”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 0.8 mm thick

orange	**2002-2292**	100 (25)
gray	**2002-2291**	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	**2002-171**	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	**2002-172**	200 (25)

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

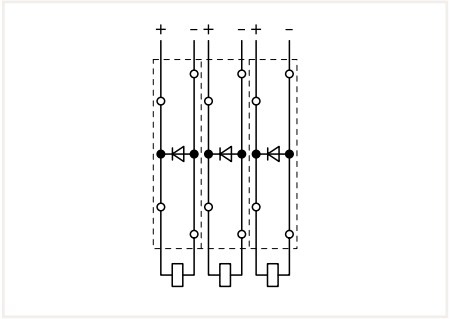
2-way	**2002-402**	25
3-way	**2002-403**	25
4-way	**2002-404**	25
5-way	**2002-405**	25
6-way	**2002-406**	25
7-way	**2002-407**	25
8-way	**2002-408**	25
9-way	**2002-409**	25
10-way	**2002-410**	25

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

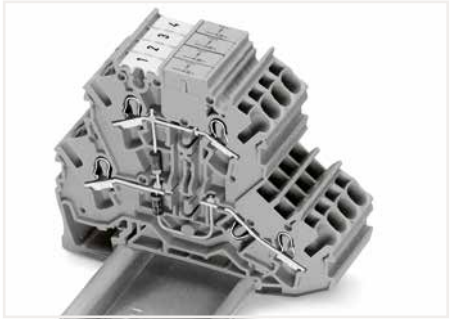
1 to 3	**2002-433**	25
1 to 4	**2002-434**	25
1 to 5	**2002-435**	25
1 to 6	**2002-436**	25
1 to 7	**2002-437**	25
1 to 8	**2002-438**	25
1 to 9	**2002-439**	25
1 to 10	**2002-440**	25

Double-deck marker carrier; pivoting

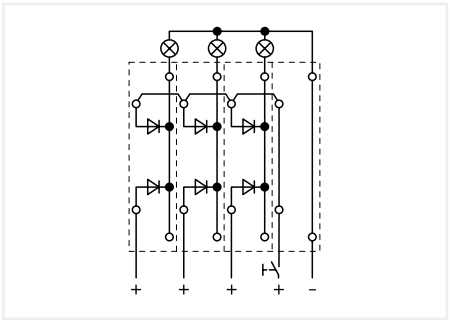
gray	**2002-121**	50 (25)



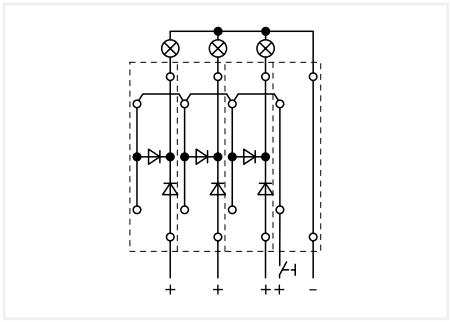
Open diode gates can be created using the following terminal blocks:
2002-2211/1000-410 or 2002-2211/1000-411



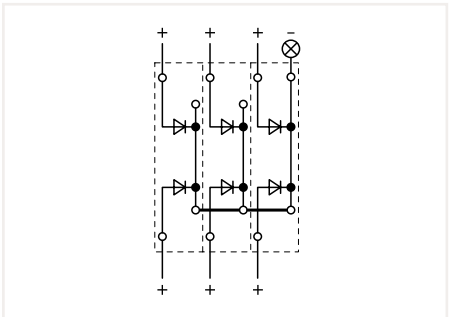
Double-deck diode terminal blocks were specifically developed for custom diode circuits, such as lamp test and collective fault signal circuits.
These terminal blocks provide high-density wiring in a width of just 5.2 mm.
Push-in type jumper bars provide additional options for custom circuit design.



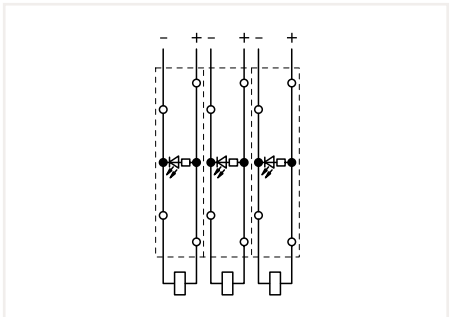
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2002-2213/1000-487 or 2002-2213/1000-488



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



Polarized diode gates with a common cathode can be created using the following terminal blocks:
2002-2214/1000-489 or 2002-2214/1000-490

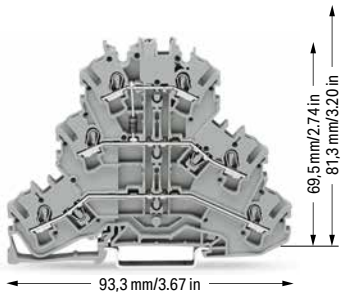


Circuit-related voltage indications can be created using the following terminal blocks:
2002-2221/1000-434 or 2002-2221/1000-413

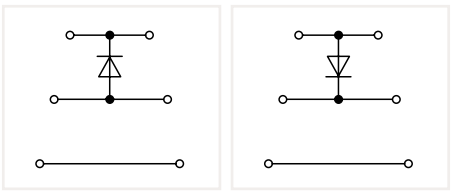
Triple-Deck Diode Terminal Block, Triple-Deck LED Terminal Block TOPJOB® S
2.5 (4) mm²; 2002 Series

1

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
U_N 250 V; U_{RM} 1000 V	
1N4007 - 0.5 A continuous current	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



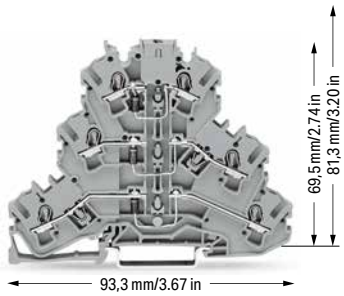
2002-3211/1000-410 2002-3211/1000-411



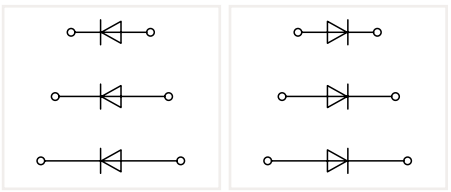
Triple-deck diode terminal block;, with 1N4007 diode; gray

	Item No.	Pack. Unit
◯ anode bottom	2002-3211/1000-410	50
◯ anode top	2002-3211/1000-411	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
U_N 250 V; U_{RM} 1000 V	
1N4007 - 0.5 A continuous current	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



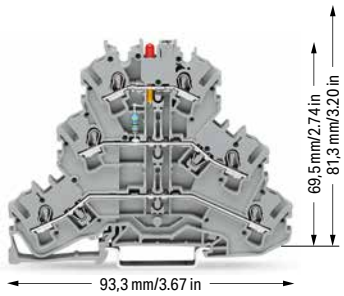
2002-3212/1000-673 2002-3212/1000-674



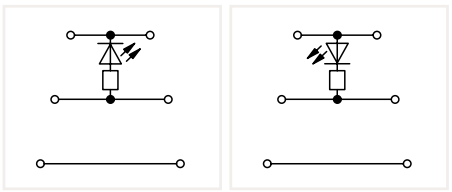
Triple-deck diode terminal block; with three 1N4007 diodes; gray

	Item No.	Pack. Unit
◯ anodes right	2002-3212/1000-673	50
◯ anodes left	2002-3212/1000-674	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
24 VDC	
I_F 0.025 A max.	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

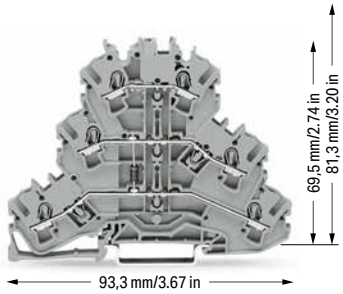


Triple-deck LED terminal block; with red LED; gray

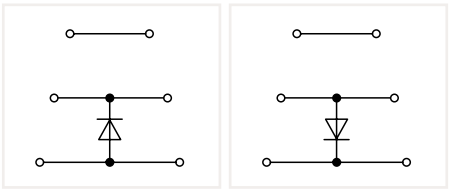
	Item No.	Pack. Unit
◯ anode bottom	2002-3221/1000-434	50
◯ anode top	2002-3221/1000-413	50

Other terminal blocks with the same profile:

Through	2002-3201	Page 88



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



Triple-deck diode terminal block;, with 1N4007 diode; gray

	Item No.	Pack. Unit
◯ anode bottom	2002-3211/1000-675	50
◯ anode top	2002-3211/1000-676	50

❶ Conductor range: 0.25 … 4 mm² “s+f-st”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 0.8 mm thick

orange	2002-3292	100 (25)
gray	2002-3291	100 (25)

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²

light gray	2002-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²

dark gray	2002-172	200 (25)

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

2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2002-549	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Testing tap; for max. 2.5 mm²

gray	2009-182	100 (25)

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 … 5.2 mm stretchable

white	2009-115	1

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

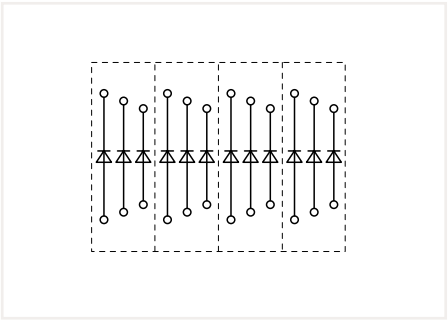
plain	793-5501	5

Triple-deck marker carrier; pivoting

gray	2002-131	50 (25)

Double- and triple-deck LED terminal blocks:
Using LED terminal blocks, monitoring units can be designed, e.g., for control and operating circuits.

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



Open diode gates can be created and connected individually using the following terminal blocks:
2002-3212/1000-673 or 2002-3212/1000-674

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

Connector, Connector Strip TOPJOB® S

1 (1.5) mm²; 2000 Series and 1.5 (2,5) mm²; 2001 Series and 2.5 (4) mm²; 2002 Series

1

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❹	300 V, 10 A
I_N 13.5 A	300 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

Modular connector; for jumper contact slot; snaps together; gray

	Item No.	Pack. Unit
1-pole	2000-510	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

	Item No.	Pack. Unit
gray	2000-549	100 (25)

connector strip; for jumper contact slot; gray

	Item No.	Pack. Unit
2-pole	2000-552	25
3-pole	2000-553	25
4-pole	2000-554	25
5-pole	2000-555	10
6-pole	2000-556	10
7-pole	2000-557	10
8-pole	2000-558	10
9-pole	2000-559	10
10-pole	2000-560	10

Accessories; item-specific

WMB Inline; plain; 2,300 WMB markers (3.5 mm)/reel

white	2009-113	1	

WMB marking card; white; 10 strips with 10 markers/card; for 3.5 mm terminal block width

plain	793-3501	5	

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❹	600 V, 10 A
I_N 13.5 A	300 V, 10 A
Terminal block width: 5 mm / 0.197 inch	
9 … 11 mm / 0.35 … 0.43 inch	

Modular connector; with end plate; for jumper contact slot; snaps together; gray

	Item No.	Pack. Unit
1-pole	2000-511	100 (25)

Accessories; item-specific

WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 … 5.2 mm stretchable

white	2009-115	1	

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5	

Technical Data	
0.25 … 1.5 (2.5) mm² ❷	22 … 14 AWG
500 V/6 kV/3 ❹	300 V, 15 A
I_N 18 A	300 V, 15 A
Terminal block width: 4.2 mm / 0.165 inch	
9 … 11 mm / 0.35 … 0.43 inch	

Modular connector; for jumper contact slot; snaps together; gray

	Item No.	Pack. Unit
1-pole	2001-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

	Item No.	Pack. Unit
gray	2001-549	100 (25)

connector strip; for jumper contact slot; gray

	Item No.	Pack. Unit
2-pole	2001-552	25
3-pole	2001-553	25
4-pole	2001-554	25
5-pole	2001-555	10
6-pole	2001-556	10
7-pole	2001-557	10
8-pole	2001-558	10
9-pole	2001-559	10
10-pole	2001-560	10

Accessories; item-specific

WMB Inline; plain; 2,000 WMB markers (4 mm)/reel; 4 … 4.2 mm stretchable

white	2009-114	1	

WMB marking card; white; 10 strips with 10 markers/card; 4 … 4.2 mm stretchable

plain	793-4501	5	

Accessories; 2000 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)	

Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

red	210-136	50 (1)	

Strain relief plate; gray

35 mm wide	734-326	100 (25)
6 mm wide	734-327	100 (25)
12.5 mm wide	734-328	100 (25)
25 mm wide	734-329	100 (25)

Technical Data	
0.25 … 2.5 (4) mm² ❸	22 … 12 AWG
500 V/6 kV/3 ❹	300 V, 20 A
I_N 24 A	300 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

❶ Conductor range: 0.14 … 1.5 mm² "s+f-st";
Push-in termination: 0.5 … 1.5 mm² "s" and
0.5 … 0.75 mm² "insulated ferrules; 10 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

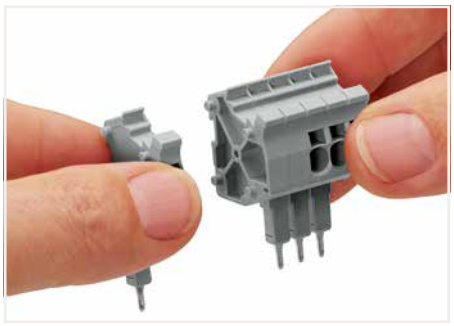
❷ Conductor range: 0.25 … 2.5 mm² "s+f-st";
Push-in termination: 0.75 … 2.5 mm² "s" and
0.75 … 1.5 mm² "insulated ferrules; 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❸ Conductor range: 0.25 … 4 mm² "s+f-st";
Push-in termination: 1 … 4 mm² "s" and 1 … 2.5 mm² "insulated ferrules, 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

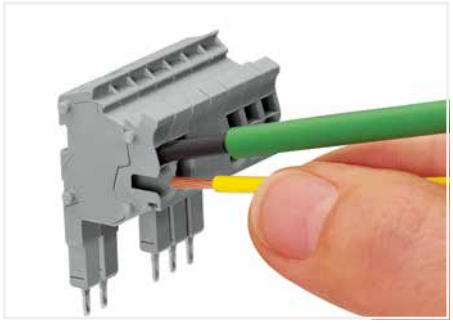
❹ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

Note:
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

Approvals and corresponding ratings, visit www.wago.com



Snapping connectors and spacers together to assemble a multipole connector.



Operating tool for fine-stranded conductors without ferrules – push-in connection of solid conductors

Modular connector; for jumper contact slot; snaps together; gray

	Item No.	Pack. Unit
◯ 1-pole	2002-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

◯ gray	2002-549	100 (25)

connector strip; for jumper contact slot; gray

◯ 2-pole	2002-552	25
◯ 3-pole	2002-553	25
◯ 4-pole	2002-554	25
◯ 5-pole	2002-555	10
◯ 6-pole	2002-556	10
◯ 7-pole	2002-557	10
◯ 8-pole	2002-558	10
◯ 9-pole	2002-559	10
◯ 10-pole	2002-560	10

Accessories; item-specific

WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 … 5.2 mm stretchable

white	2009-115	1

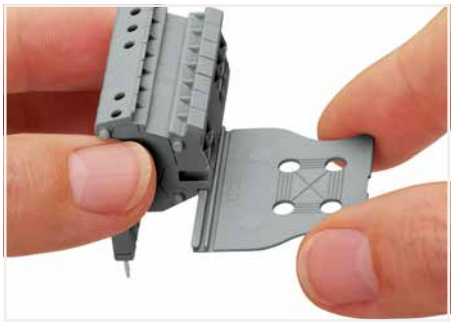
WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5

Marking strip; plain; 11 mm wide; 50 m reel

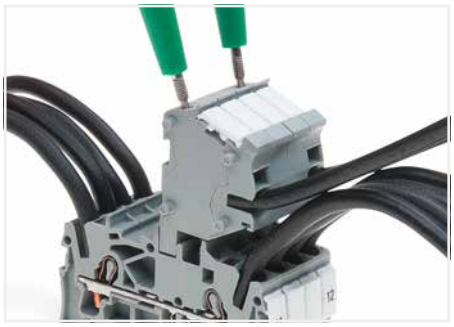
white	2009-110	1

Rail-mount terminal block assembly for electric motor wiring



Snapping on a strain relief plate.

The modular connectors also connect conductors of the same size as the terminal blocks being used.



Connectors with a 2 mm Ø test socket for testing voltage via 2-pole voltage tester

Connector, Connector Strip TOPJOB® S

4 (6) mm²; 2004 Series; 2006 Series; 2010 Series and 2016 Series

1

Technical Data	
0.5 … 4 (6) mm² ❶	22 … 10 AWG
500 V/6 kV/3 ❷	300 V, 30 A
I_N 32 A	300 V, 30 A
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	

Modular connector; for jumper contact slot; snaps together; gray		
	Item No.	Pack. Unit
○ 1-pole	2004-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks		
○ gray	2004-549	100 (25)

connector strip; for jumper contact slot; gray		
○ 2-pole	2004-552	25
○ 3-pole	2004-553	25
○ 4-pole	2004-554	25
○ 5-pole	2004-555	10

Technical Data	
0.5 … 4 (6) mm² ❶	22 … 10 AWG
500 V/6 kV/3 ❷	
I_N 32 A	
Terminal block width: 7.5 mm / 0.295 inch	
11 … 13 mm / 0.43 … 0.51 inch	

Modular connector; for jumper contact slot; snaps together; gray		
	Item No.	Pack. Unit
○ 1-pole	2006-511	50 (25)

Spacer module; snaps together; bridges commoned terminal blocks		
○ gray	2006-549	50 (25)

Technical Data	
0.5 … 4 (6) mm² ❶	22 … 10 AWG
500 V/6 kV/3 ❷	
I_N 32 A	
Terminal block width: 10 mm / 0.394 inch	
11 … 13 mm / 0.43 … 0.51 inch	

Modular connector; for jumper contact slot; snaps together; gray		
	Item No.	Pack. Unit
○ 1-pole	2010-511	50 (25)

Spacer module; snaps together; bridges commoned terminal blocks		
○ gray	2010-549	50 (25)

Accessories, for connector strips

Appropriate marking systems: WMB/WMB Inline/Marking strips

End plate; for modular connector; 1.5 mm thick			
	gray	2004-541	100 (25)

Test plug; with 500 mm cable; 2 mm Ø; max. 42 V			
	red	210-136	50 (1)

Strain relief plate; gray			
	35 mm wide	734-326	100 (25)
	6 mm wide	734-327	100 (25)
	12.5 mm wide	734-328	100 (25)
	25 mm wide	734-329	100 (25)

Marking strip; plain; 11 mm wide; 50 m reel			
	white	2009-110	1

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable			
	plain	793-5501	5

Technical Data	
0.5 … 4 (6) mm² ❶	22 … 10 AWG
500 V/6 kV/3 ❷	
I_N 32 A	
Terminal block width: 12 mm / 0.472 inch	
11 … 13 mm / 0.43 … 0.51 inch	

❶ Conductor range: 0.5 … 6 mm² “s+f-st”;
Push-in termination: 1.5 … 6 mm² “s” and 1.5 … 4 mm² “insulated ferrules; 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

Note:
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

Approvals and corresponding ratings, visit www.wago.com

Modular connector; for jumper contact slot; snaps together; gray		
	Item No.	Pack. Unit
◯ 1-pole	2016-511	50 (25)

Spacer module; snaps together; bridges commoned terminal blocks		
◯ gray	2016-549	50 (25)

PUSH-IN CAGE CLAMP®

L-Type Test Plug Module TOPJOB® S for Testing 5.2 mm Wide Rail-Mount Terminal Blocks – via Conductor Entries

2.5 (4) mm²; 2002 Series

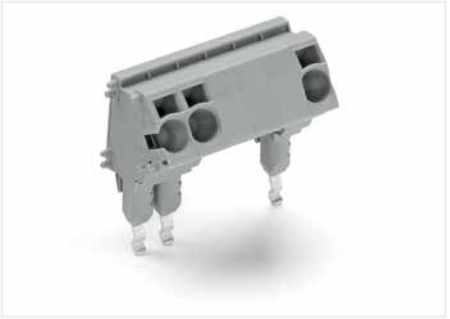
1

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
500 V/6 kV/3 ❷	
I_N 18 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

❶ Conductor range: 0.25 … 4 mm² "s+f-st";
Push-in termination: 1 … 4 mm² "s" and 1 … 2.5 mm² "insulated ferrules, 12 mm"
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree
(see Section 15)

Approvals and corresponding ratings, visit www.wago.com



L-type test plug assembly:
L-type test plug modules and L-type spacer modules (max. 10-pole)
Additionally, terminal blocks can be skipped using spacer modules.

L-type test plug module; snaps together; gray
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

	Item No.	Pack. Unit
◯ 1-pole	2002-611	100 (25)

L-type spacer module; snaps together; bridges commoned terminal blocks

◯ gray	2002-649	100 (25)

Accessories; for L-type test plug modules

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

End plate; for modular test plug module; 1.5 mm thick

gray	2002-641	100 (25)

Test plug; with 500 mm cable; 2 mm Ø; max. 42 V

red	210-136	50 (1)

Strain relief plate; gray

35 mm wide	734-326	100 (25)
6 mm wide	734-327	100 (25)
12.5 mm wide	734-328	100 (25)
25 mm wide	734-329	100 (25)

WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 … 5.2 mm stretchable

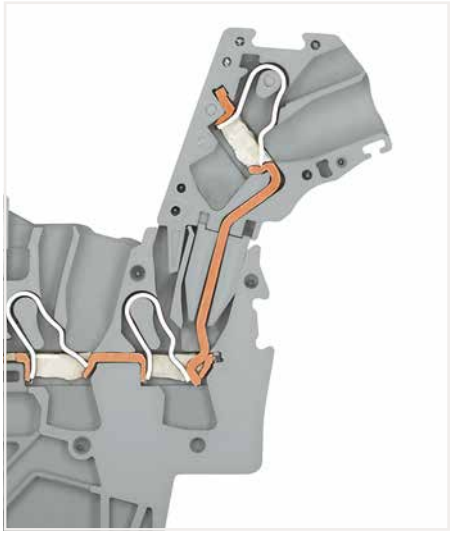
white	2009-115	1

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5

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

L-type test plug modules for testing rail-mount terminal blocks via conductor entries



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

Test Plug Adapter, Testing Tap TOPJOB® S
2009 Series

Test plug adapter; for 4 mm Ø test plug; for testing Rail-Mount Terminal Blocks TOPJOB® S
Power must be switched off when installing the test plug adapter. The safety guidelines for working on live installations must be observed.

Color	Item No.	Pack. Unit
gray	**2009-174**	100 (25)

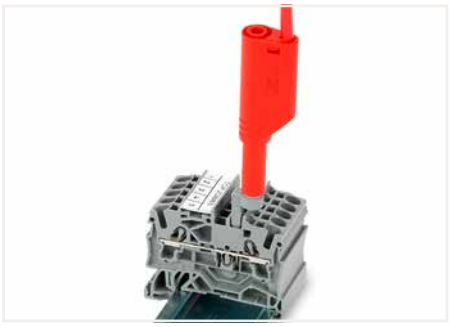
Testing tap; for max. 2.5 mm²; connects test cables (0.08 … 2.5 mm²) without tool
Power must be switched off when installing the testing tap. The safety guidelines for working on live installations must be observed.

Color	Item No.	Pack. Unit
gray	**2009-182**	100 (25)

Item-Specific Accessories

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

215-111 50



Test plug adapter (2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series

Testing tap (2009-182) for tool-free connection of test cables up to 2.5 mm² (12 AWG) – compatible with 2000 to 2016 Series

Colored Push-In Type Jumper Bar TOPJOB® S
2000 Series and 2002 Series

1

Push-in type jumper bar; insulated; I_N 14 A; red		
	Item No.	Pack. Unit
2-way	2000-402/000-005	25
3-way	2000-403/000-005	25
4-way	2000-404/000-005	25
5-way	2000-405/000-005	25
6-way	2000-406/000-005	25
7-way	2000-407/000-005	25
8-way	2000-408/000-005	25
9-way	2000-409/000-005	25
10-way	2000-410/000-005	25

Push-in type jumper bar; insulated; I_N 14 A; blue		
	Item No.	Pack. Unit
2-way	2000-402/000-006	25
3-way	2000-403/000-006	25
4-way	2000-404/000-006	25
5-way	2000-405/000-006	25
6-way	2000-406/000-006	25
7-way	2000-407/000-006	25
8-way	2000-408/000-006	25
9-way	2000-409/000-006	25
10-way	2000-410/000-006	25

Push-in type jumper bar; insulated; yellow-green		
	Item No.	Pack. Unit
2-way	2000-402/000-018	25

Push-in type jumper bar; insulated; I_N 25 A; red		
2-way	2002-402/000-005	25
3-way	2002-403/000-005	25
4-way	2002-404/000-005	25
5-way	2002-405/000-005	25
6-way	2002-406/000-005	25
7-way	2002-407/000-005	25
8-way	2002-408/000-005	25
9-way	2002-409/000-005	25
10-way	2002-410/000-005	25

Push-in type jumper bar; insulated; I_N 25 A; blue		
2-way	2002-402/000-006	25
3-way	2002-403/000-006	25
4-way	2002-404/000-006	25
5-way	2002-405/000-006	25
6-way	2002-406/000-006	25
7-way	2002-407/000-006	25
8-way	2002-408/000-006	25
9-way	2002-409/000-006	25
10-way	2002-410/000-006	25

For example, colored push-in type jumper bars are used with sensor terminal blocks.

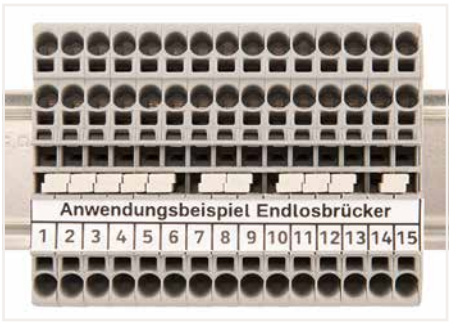
Adjacent Jumper for Continuous Commoning TOPJOB® S
2002 Series

Technical Data
800 V
I_N 25 A

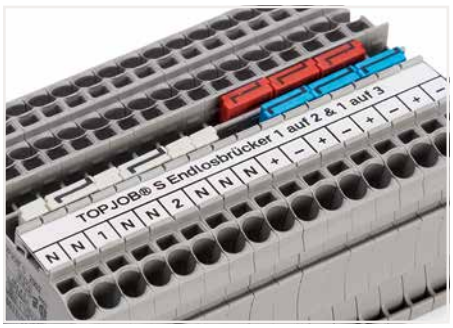
Technical Data
800 V/8 kV/3
I_N 25 A

Adjacent jumper for continuous commoning; insulated; light gray		
	Item No.	Pack. Unit
◯ 2-way	**2002-400**	25

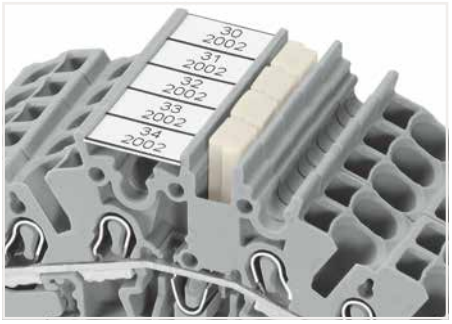
Adjacent jumper for continuous commoning; insulated; 1 to 3		
Color	Item No.	Pack. Unit
◯ light gray	**2002-423**	25
red	**2002-423/000-005**	25
blue	**2002-423/000-006**	25



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



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



Adjacent jumpers for continuous commoning (2002-400)

Staggered Jumper TOPJOB® S
2002 Series

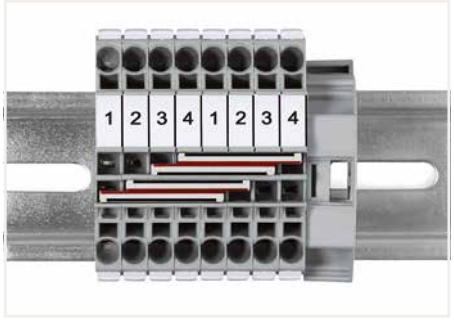
1

Technical Data
400 V/6 kV/3
I_N 25 A

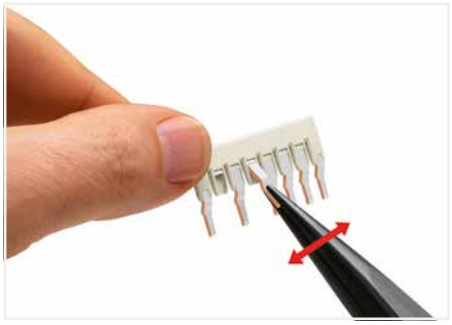
Staggered jumper; insulated; for 2002, 2003, 2022 and 2202 Series Rail-Mount Terminal Blocks; light gray		
	Item No.	Pack. Unit
2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25

Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; light gray		
1-3	2002-473/011-000	25
1-3-5	2002-475/011-000	25
1-3-5-7	2002-477/011-000	25
1-3-5-7-9	2002-479/011-000	25
1-3-5-7-9-11	2002-481/011-000	25

Commoning using staggered jumpers:
Individual jumper contacts can be broken off by bending them. The remaining piece of insulation will meet requirements for clearances and creepage distances.
Custom staggered jumpers can be created, e.g., for bridging over a terminal block with a different potential. Make sure that only one contact lug is in contact with the terminal block.
The contact lugs of the customized staggered jumpers contact the terminal blocks via the gaps created in the second jumper. Insert and press the ready-made jumper assembly into the jumper slot until it hits backstop.

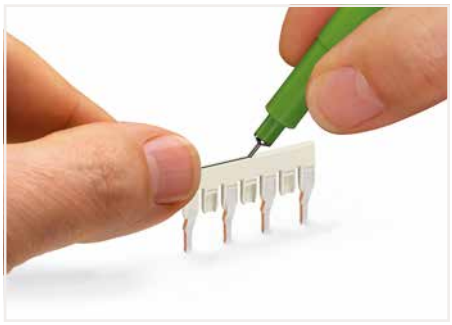


Commoning two potentials in one single jumper slot via extremely slim staggered jumpers.



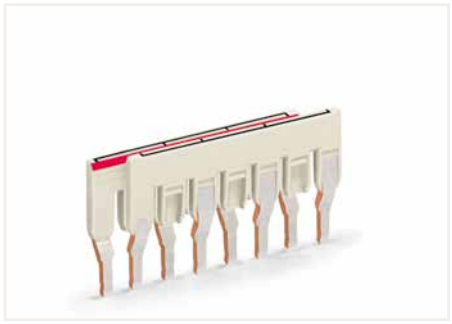
Staggered jumper (seven contacts):
Individual jumper contacts can be broken off by bending them. The remaining piece of insulation will meet requirements for clearances and creepage distances.

Staggered jumpers (seven contacts)

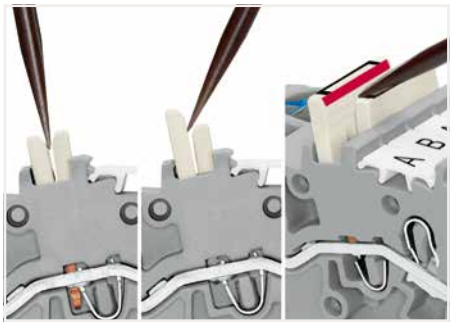


Staggered jumper:
Marking with a felt-tip pen.

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



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



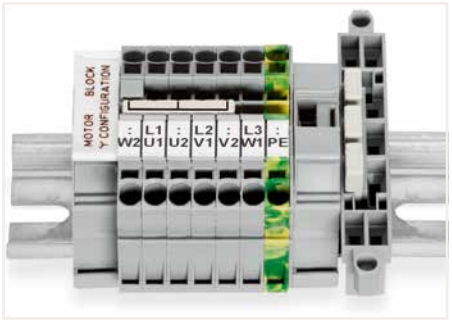
Removing a staggered jumper:
Insert the operating tool between the staggered jumpers, then lift up the jumper.

Star Point Jumper, Delta Jumper, Collective Jumper Carrier TOPJOB® S

Technical Data
800 V/8 kV/3
I_N = I_N terminal block

Star point jumper; insulated; 1-3-5; light gray

	Item No.	Pack. Unit
◯	2000-405/011-000	25
◯	2001-405/011-000	25
◯	2002-405/011-000	25
◯	2004-405/011-000	25
◯	2006-405/011-000	25
◯	2010-405/011-000	25
◯	2016-405/011-000	25



This star point jumper has been specially developed to create a “star point” and is used on motor terminal boards equipped with rail-mount terminal blocks TOPJOB® S.

Technical Data
800 V/8 kV/3
I_N = I_N terminal block

Delta jumper; insulated; 1-2 3-4 5-6; light gray

	Item No.	Pack. Unit
◯	2000-406/020-000	25
◯	2001-406/020-000	25
◯	2002-406/020-000	25
◯	2004-406/020-000	25

This delta jumper has been specially developed to create a delta configuration and is used on motor terminal boards equipped with rail-mount terminal blocks TOPJOB® S.

Collective jumper carrier; for DIN-35 rail; for 2000 to 2016 Series jumpers

Color	Item No.	Pack. Unit
◯ gray	2009-180	25

Collective jumper carrier

Push-In Type Wire Jumper TOPJOB® S
2009 Series

1

Technical Data
800 V/8 kV/3
I_N 9 A

Push-in type wire jumper; insulated; 0.75 mm² conductor cross-section; for 2000, 2020 and 2200 Series Rail-Mount Terminal Blocks; gray

	Item No.	Pack. Unit
L = 60 mm	**2009-402**	100 (10)
L = 110 mm	**2009-404**	100 (10)
L = 250 mm	**2009-406**	100 (10)

Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.

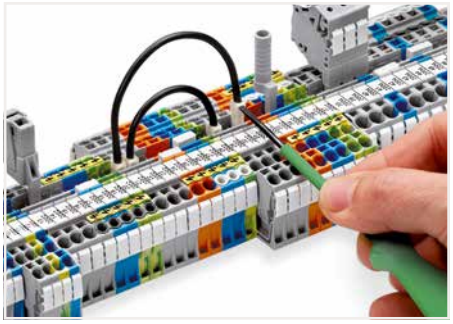
Technical Data
800 V/8 kV/3
I_N 18 A

Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; for 2001, 2002, 2003, 2022, 2201 and 2202 Series Rail-Mount Terminal Blocks; black

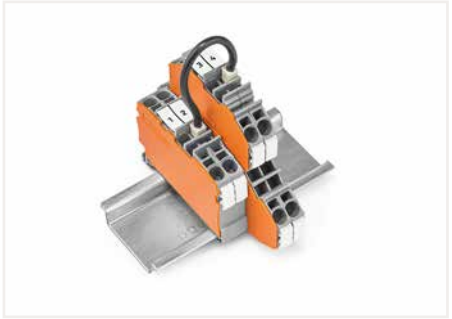
	Item No.	Pack. Unit
L = 60 mm	**2009-412**	100 (10)
L = 110 mm	**2009-414**	100 (10)
L = 250 mm	**2009-416**	100 (10)

Push-in type wire jumper; insulated; L = 110 mm; 1.5 mm² conductor cross-section; for 2001, 2002, 2003, 2022, 2201 and 2202 Series Rail-Mount Terminal Blocks

Color	Item No.	Pack. Unit
red	**2009-414/000-005**	100 (10)
blue	**2009-414/000-006**	100 (10)



Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.

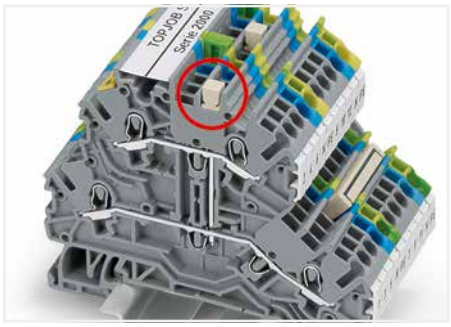


Push-in type wire jumpers common terminal blocks over longer distances and across multiple levels.

Vertical Jumper TOPJOB® S
2000 Series and 2002 Series

Technical Data
500 V/6 kV/3
I_N 13.5 A

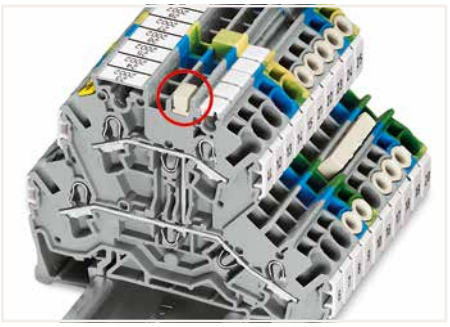
Double-deck vertical jumper; insulated		
Color	Item No.	Pack. Unit
◯ light gray	**2000-492**	100 (25)



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

Technical Data
500 V/6 kV/3
I_N 24 A

Double-deck vertical jumper; insulated		
Color	Item No.	Pack. Unit
◯ light gray	**2002-492**	100 (25)
● orange	**2002-492/000-012**	100 (25)



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

Technical Data
500 V/6 kV/3
I_N 24 A

Triple-deck vertical jumper; insulated		
Color	Item No.	Pack. Unit
◯ light gray	**2002-493**	100 (25)

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

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

Disconnect plug, Blind Plug for Carrier Terminal Block TOPJOB® S
2002 Series and 2006 Series

1

Technical Data
400 V/6 kV/3
I_N 10 A

Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

Color	Item No.	Pack. Unit
orange	2002-401	100 (25)

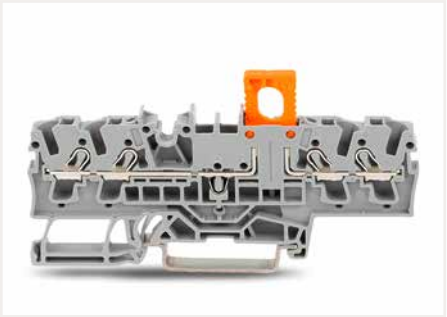
Technical Data
800 V/8 kV/3
I_N 30 A

Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

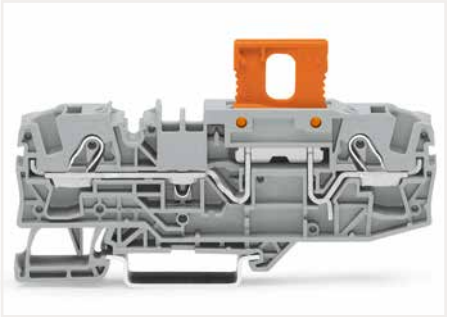
Color	Item No.	Pack. Unit
orange	2006-401	100 (25)
white	2006-401/000-050	100 (25)

Blind plug for carrier terminal block; indicates a disconnection

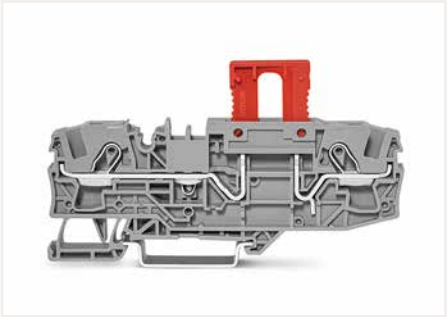
Color	Item No.	Pack. Unit
red	2006-451	100 (25)



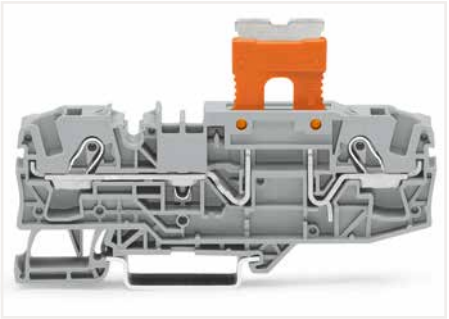
Carrier terminal block (2002-1661) with disconnect plug (2002-401) in operating position



Carrier terminal block (2006-401) with disconnect plug (2006-1661) in operating position

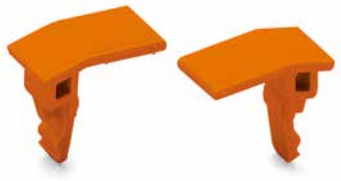


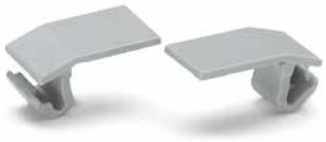
Blind plug (2006-451) for carrier terminal block; indicates a disconnection



Carrier terminal block (2006-401) with disconnect plug (2006-1661) in parked position

Lockout Cap TOPJOB® S
2002 Series and 2006 Series



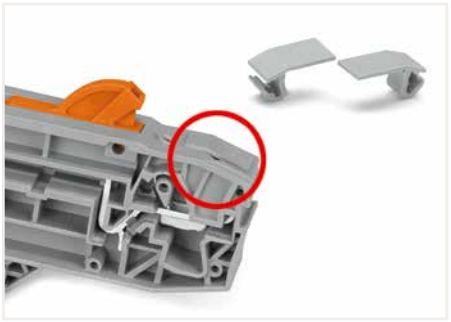


Lockout cap; for conductor entry and operating slot		
Color	Item No.	Pack. Unit
orange	2002-192	25
gray	2002-191	25
blue	2002-194	25

Lockout cap; for conductor entry and operating slot		
Color	Item No.	Pack. Unit
gray	2006-191	25

Creating spacer housings for electric motor wiring rail-mount terminal blocks via lockout caps (2002-192) for conductor entry and operating slot.

Cover (2006-191) seals unused conductor entry.



Cover (2006-191) seals unused conductor entry.