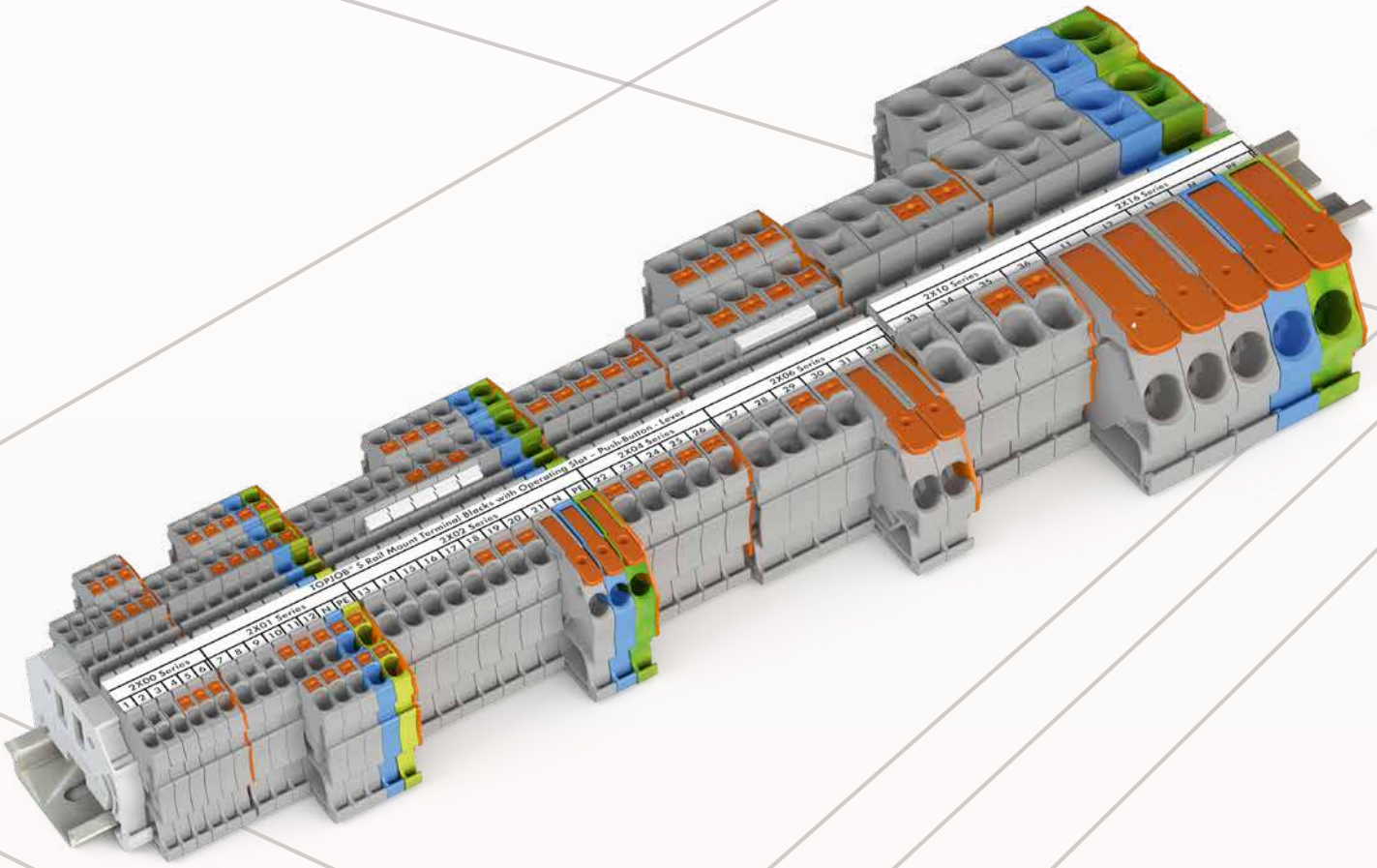
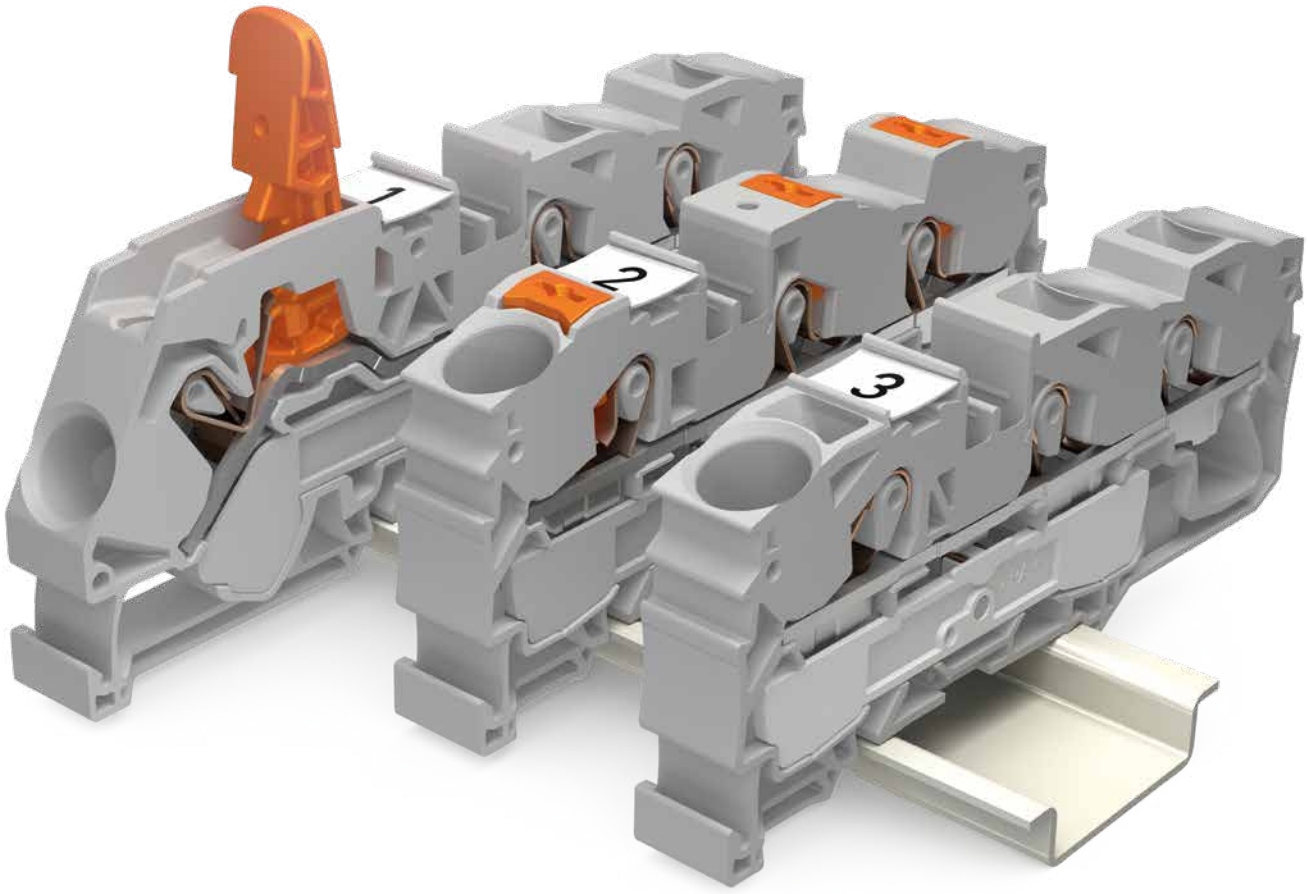
TOPJOB® S Rail-Mount Terminal Block Systems

Edition 2020

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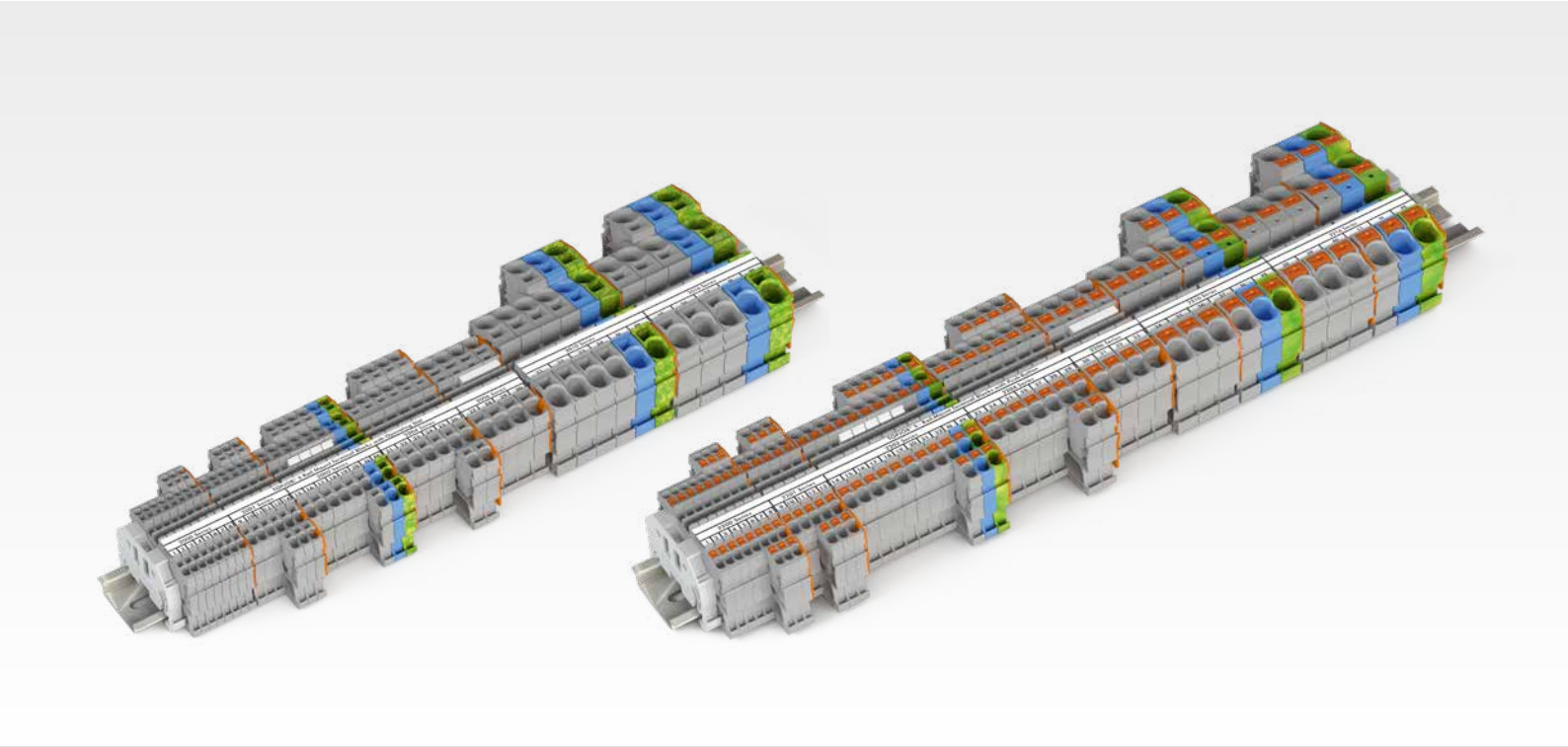
WAGO Rail-Mount Terminal Blocks TOPJOB® S

3 WAYS TO WIRE = 1 FAMILY

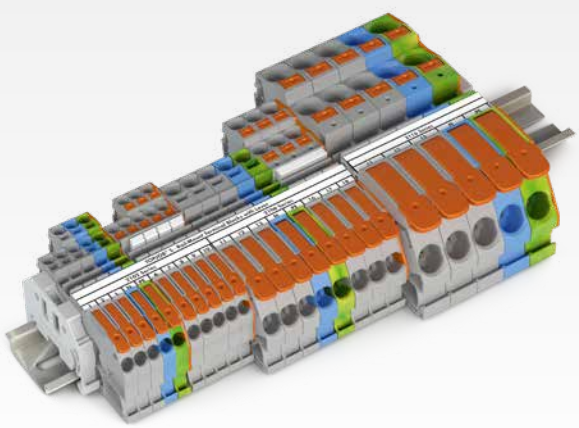


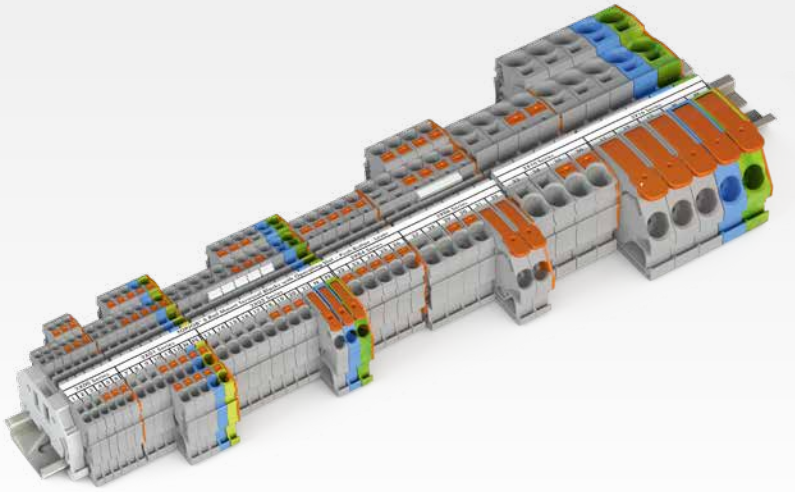
Operating Slot

- The operating tool remains in the operating slot until termination is complete
- The clamping unit is marked by the inserted operating tool
- The conductor entry is held open for hands-free wiring

Push-Button

- Use any common tool to open the clamping unit via the push-button
- Intuitive operation – orange color highlights the push-button





Lever

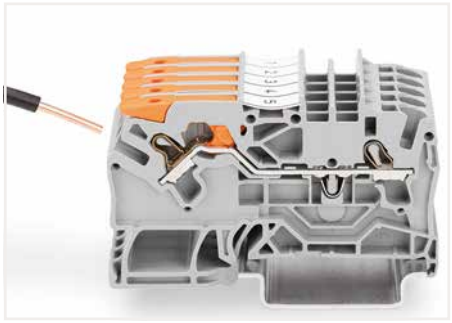
- Simple and intuitive termination by hand
- Tool-free termination and removal of all conductor types
- The lever engages and keeps the clamping point open, freeing hands for wiring
- Lever position clearly indicates if the clamping point is open or closed
- Easy connection of difficult-to-bend conductors via side-entry conductor insertion

One Range

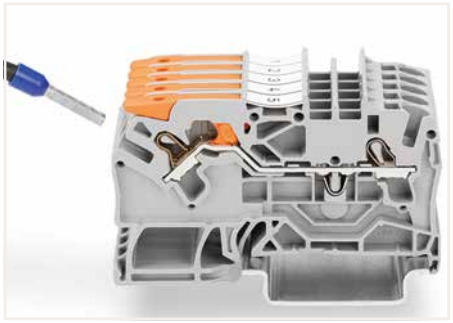
- All three actuation variants can be combined with each other
- Push-in termination of solid, stranded and ferruled conductors for all variants
- Marking strips and WMB markers provide continuous marking possibilities
- One existing range of jumpers for all three variants
- Test options for all variants

Rail-Mount Terminal Blocks TOPJOB® S; with Levers and Push-in CAGE CLAMP® 2102, 2106, 2110 and 2116 Series

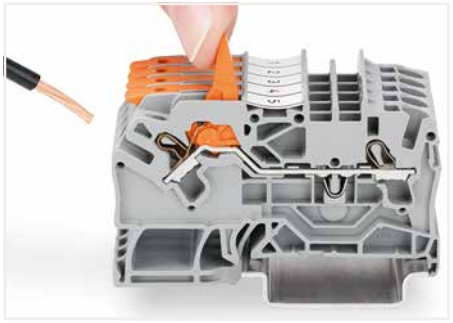
Description and Installation



Push-in termination of solid conductors



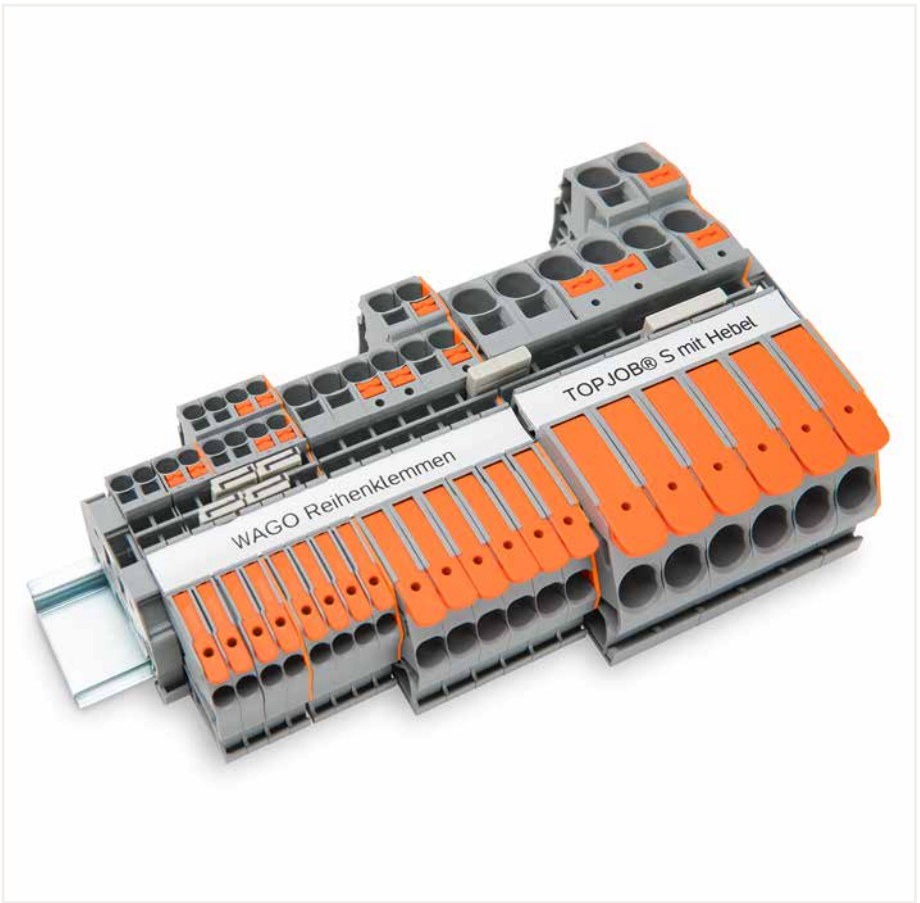
Push-in termination of fine-stranded conductors with ferrules

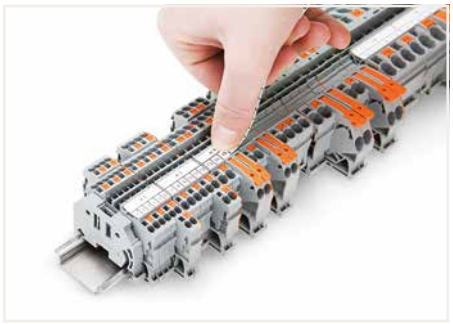


Pull the lever up until it stops, then connect the fine-stranded conductor.

Push the lever back down – done!

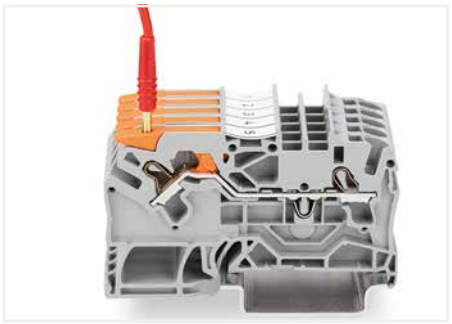
Insert push-in type jumper bar and push down until it hits backstop.





Snapping a marking strip into the marker slot.

Snapping a marking strip into the marker slot.



Testing with a 2 mm Ø test plug (max. 42 V).

Push-in CAGE CLAMP® terminates the following copper conductors:
solid “s”

stranded “st”

fine-stranded “f-st”, also with tinned single strands

PUSH-IN CAGE CLAMP®

Rail-Mount Terminal Blocks TOPJOB® S; with Push-Buttons and Push-in CAGE CLAMP®
2200 to 2216 Series
Description and Installation

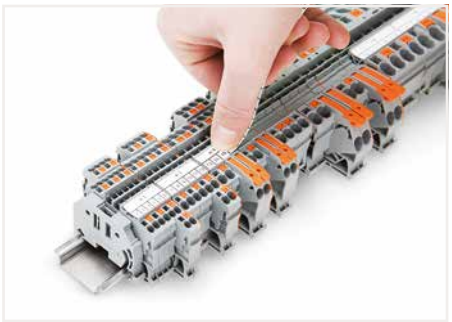
Push-in termination of solid and ferruled conductors

Insert fine-stranded conductors via operating tool.

Removing all conductors via operating tool.

Insert push-in type jumper bar and push down until it hits backstop.

Commoning with step-down jumpers.



Snapping a marking strip into the marker slot.

Snapping a marking strip into the marker slot.

Testing with a 2 mm Ø test plug (max. 42 V).

fine-stranded, tip-bonded

fine-stranded, with ferrule (gastight crimped)

fine-stranded, with pin terminal (gastight crimped)

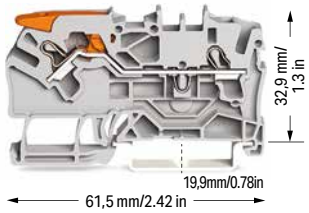
PUSH-IN CAGE CLAMP®

Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Lever and Push-in CAGE CLAMP®

2.5 (4) mm²; 2102 Series

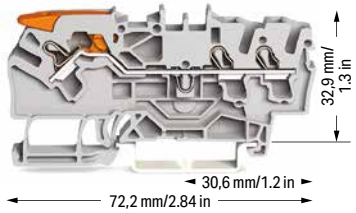
Technical Data

0.25 … 2.5 (4) mm² ❶ | 22 … 12 AWG
800 V/8 kV/3 ❷
I_N 24 A (32 A)
Terminal block width: 5.2 mm / 0.205 inch
10 … 12 mm / 0.39 … 0.47 inch



Technical Data

0.25 … 2.5 (4) mm² ❶ | 22 … 12 AWG
800 V/8 kV/3 ❷
I_N 24 A (30 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 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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

Please observe the application notes:
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; with lever and Push-in CAGE CLAMP®

Color	Item No.	Pack. Unit
gray	2102-1201	50
blue	2102-1204 ❸	50

3-conductor through terminal block; with lever and Push-in CAGE CLAMP®

Color	Item No.	Pack. Unit
gray	2102-1301	50
blue	2102-1304 ❸	50

2-conductor ground terminal block; with lever and Push-in CAGE CLAMP®

green-yellow	2102-1207	50

3-conductor ground terminal block; with lever and Push-in CAGE CLAMP®

green-yellow	2102-1307	50

Accessories; item-specific

End and intermediate plate; 0.8 mm thick

orange	2102-1292	100 (25)
gray	2102-1291	100 (25)

Accessories; item-specific

End and intermediate plate; 0.8 mm thick

orange	2102-1392	100 (25)
gray	2102-1391	100 (25)

Accessories; 2102 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)

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

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

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

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

5-way	2002-415	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)

Accessories; 2102 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

Modular connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

L-type test plug module; snaps together

gray	2002-611	100 (25)

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

white	2009-115	1

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

PUSH-IN CAGE CLAMP®

Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Lever and Push-in CAGE CLAMP®

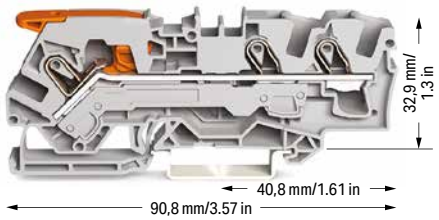
6 (10) mm²; 2106 Series

Technical Data

0.5 … 6 (10) mm² ❶ | 20 … 8 AWG
800 V/8 kV/3 ❷
I_N 41 A (55 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
I_N 41 A (55 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

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

Please observe the application notes:
Jumpers, from page 163
Testing accessories, from page 156
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; with lever and Push-in CAGE CLAMP®

Color	Item No.	Pack. Unit
gray	2106-1201	25
blue	2106-1204 ❸	25

3-conductor through terminal block; with lever and Push-in CAGE CLAMP®

Color	Item No.	Pack. Unit
gray	2106-1301	25
blue	2106-1304 ❸	25

2-conductor ground terminal block; with lever and Push-in CAGE CLAMP®

green-yellow	2106-1207	25

3-conductor ground terminal block; with lever and Push-in CAGE CLAMP®

green-yellow	2106-1307	25

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2106-1292	100 (25)
gray	2106-1291	100 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2106-1392	100 (25)
gray	2106-1391	100 (25)

Accessories; 2106 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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)

Lockout cap; for conductor entry and operating slot

gray	2006-191	25

Modular connector; snaps together; for jumper contact slot

gray	2006-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	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

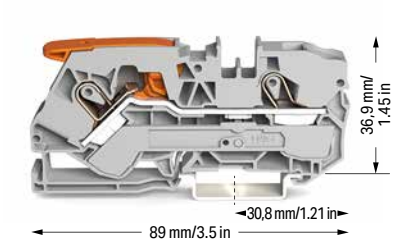
PUSH-IN CAGE CLAMP®

Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Lever and Push-in CAGE CLAMP®

10 (16) mm²; 2110 Series

Technical Data

0.5 … 10 (16) mm² ❶ | 20 … 6 AWG
800 V/8 kV/3 ❷
I_N 57 A
Terminal block width: 10 mm / 0.394 inch
17 … 19 mm / 0.67 … 0.75 inch



2-conductor through terminal block; with lever and Push-in CAGE CLAMP®

Color	Item No.	Pack. Unit
gray	2110-1201	25
blue	2110-1204 ❸	25

2-conductor ground terminal block; with lever and Push-in CAGE CLAMP®

green-yellow	2110-1207	25

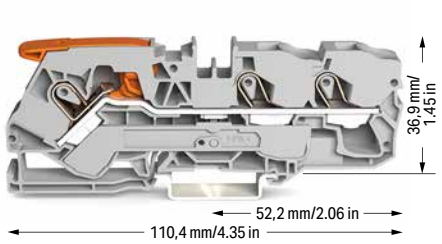
Item-Specific Accessories

End and intermediate plate; 1 mm thick

orange	2110-1292	100 (25)
gray	2110-1291	100 (25)

Technical Data

0.5 … 10 (16) mm² ❶ | 20 … 6 AWG
800 V/8 kV/3 ❷
I_N 57 A
Terminal block width: 10 mm / 0.394 inch
17 … 19 mm / 0.67 … 0.75 inch



3-conductor through terminal block; with lever and Push-in CAGE CLAMP®

Color	Item No.	Pack. Unit
gray	2110-1301	25
blue	2110-1304 ❸	25

3-conductor ground terminal block; with lever and Push-in CAGE CLAMP®

green-yellow	2110-1307	25

Item-Specific Accessories

End and intermediate plate; 1 mm thick

orange	2110-1392	100 (25)
gray	2110-1391	100 (25)

Accessories; 2110 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Push-in type jumper bar; insulated; I_N 57 A; light gray

2-way	2010-402	25
3-way	2010-403	25
4-way	2010-404	25
5-way	2010-405	25

Push-in type jumper bar; insulated; I_N 57 A; light gray

1 to 3	2010-433	25
1 to 4	2010-434	25
1 to 5	2010-435	25

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

1-3-5	2010-405/011-000	25

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

yellow	2010-115	100 (25)

Finger guard; touch-proof cover protects unused conductor entries

yellow	2010-100	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2009-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	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

❶ Conductor range: 0.5 … 16 mm² "s+f-st"
Push-in termination: 4 … 16 mm² "s" and 4 … 10 mm² "insulated ferrules, 18 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 Full Line Catalog, Volume 1, Section 14)

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

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 163
Testing accessories, from page 156
Marking, from page 246

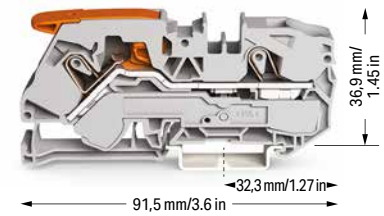
Approvals and corresponding ratings, visit www.wago.com

PUSH-IN CAGE CLAMP®

Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Lever and Push-in CAGE CLAMP®

16 (25 “f-st”) mm²; 2102 Series

Technical Data	
0.5 … 16 (25 “f-st”) mm² ❶	20 … 4 AWG
800 V/8 kV/3 ❷	
I_N 76 A (90 A)	
Terminal block width: 12 mm / 0.472 inch	
18 … 20 mm / 0.71 … 0.79 inch	



Technical Data	
0.5 … 16 (25 “f-st”) mm² ❶	20 … 4 AWG
800 V/8 kV/3 ❷	
I_N 76 A (90 A)	
Terminal block width: 12 mm / 0.472 inch	
18 … 20 mm / 0.71 … 0.79 inch	

❶ Conductor range: 0.5 … 16 mm² “s+f-st”, 25 mm² “f-st”; Push-in termination: 6 … 16 mm² “s” and 6 … 16 mm² “insulated ferrules; 18 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

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

Please observe the application notes:
Jumpers, from page 163
Testing accessories, from page 157
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; with lever and Push-in CAGE CLAMP®

Color	Item No.	Pack. Unit
gray	2116-1201	20
blue	2116-1204 ❸	20

3-conductor through terminal block; with lever and Push-in CAGE CLAMP®

Color	Item No.	Pack. Unit
gray	2116-1301	20
blue	2116-1304 ❸	20

2-conductor ground terminal block; with lever and Push-in CAGE CLAMP®
15 mm high DIN-35 rails shall be used for a current load higher than 76 A!

green-yellow		2116-1207	20

3-conductor ground terminal block; with lever and Push-in CAGE CLAMP®
15 mm high DIN-35 rails shall be used for a current load higher than 76 A!

green-yellow		2116-1307	20

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2116-1292	100 (25)
gray	2116-1291	100 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2116-1392	100 (25)
gray	2116-1391	100 (25)

Accessories; 2116 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Push-in type jumper bar; insulated; I_N 76 A; light gray

2-way	2016-402	25
3-way	2016-403	25
4-way	2016-404	25
5-way	2016-405	25

Push-in type jumper bar; insulated; I_N 76 A; light gray

1 to 3	2016-433	25
1 to 4	2016-434	25
1 to 5	2016-435	25

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

1-3-5	2016-405/011-000	25

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

yellow	2016-115	100 (25)

Three-phase set; with orange end plate; with a lever and Push-in CAGE CLAMP®
15 mm high DIN-35 rails shall be used for a current load higher than 76 A!

	2116-1201/605-038	1

Finger guard; touch-proof cover protects unused conductor entries

yellow	2016-100	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2016-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	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

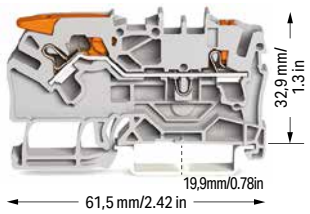
plain	793-5501	5

PUSH-IN CAGE CLAMP®

Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Lever and Push-Button

2.5 (4) mm²; 2102 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	
I_N 24 A (32 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

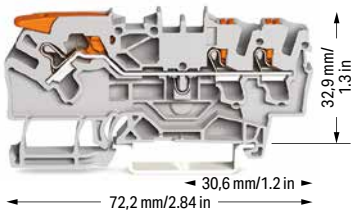


2-conductor through terminal block; with lever and push-button		
Color	Item No.	Pack. Unit
gray	2102-5201	50
blue	2102-5204 ❸	50

2-conductor ground terminal block; with lever and push-button		
green-yellow	2102-5207	50

Accessories; item-specific			
End and intermediate plate; 0.8 mm thick			
	orange	2102-1292	100 (25)
	gray	2102-1291	100 (25)

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	
I_N 24 A (30 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor through terminal block; with lever and push-button		
Color	Item No.	Pack. Unit
gray	2102-5301	50
blue	2102-5304 ❸	50

3-conductor ground terminal block; with lever and push-button		
green-yellow	2102-5307	50

Accessories; item-specific			
End and intermediate plate; 0.8 mm thick			
	orange	2102-1392	100 (25)
	gray	2102-1391	100 (25)

Accessories; 2102 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²			
	light gray	2102-171	200 (25)

Insulation stop; 5 pcs/strip; 0.75 … 1 mm²			
	dark gray	2102-172	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

Adjacent jumper for continuous commoning; insulated; I_N 25 A, light gray			
	5-way	2002-415	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

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

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

Please observe the application notes:
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2102 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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)

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)

End plate; for modular connector; 1.5 mm thick			
	gray	2002-541	100 (25)

WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 … 5.2 mm stretchable			
	white	2009-115	1

Marking strip; plain; 11 mm wide; 50 m reel			
	white	2009-110	1

PUSH-IN CAGE CLAMP®

Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Lever and Push-Button

6 (10) mm²; 2106 Series

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
800 V/8 kV/3 ❷	
I_N 41 A (55 A)	
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	

2-conductor through terminal block; with lever and push-button		
Color	Item No.	Pack. Unit
gray	2106-5201	25
blue	2106-5204 ❸	25

2-conductor ground terminal block; with lever and push-button		
green-yellow	2106-5207	25

Accessories; item-specific			
End and intermediate plate; 1 mm thick			
	orange	2106-1292	100 (25)
	gray	2106-1291	100 (25)

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
800 V/8 kV/3 ❷	
I_N 41 A (55 A)	
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	

3-conductor through terminal block; with lever and push-button		
Color	Item No.	Pack. Unit
gray	2106-5301	25
blue	2106-5304 ❸	25

3-conductor ground terminal block; with lever and push-button		
green-yellow	2106-5307	25

Accessories; item-specific			
End and intermediate plate; 1 mm thick			
	orange	2106-1392	100 (25)
	gray	2106-1391	100 (25)

Accessories; 2106 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

Lockout cap; for conductor entry and operating slot			
	gray	2006-191	25

Modular connector; snaps together; for jumper contact slot			
	gray	2006-511	50 (25)

Test plug adapter; for 4 mm Ø test plug			
	gray	2009-174	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

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

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

Please observe the application notes:
Jumpers, from page 163
Testing accessories, from page 156
Marking, from page 246

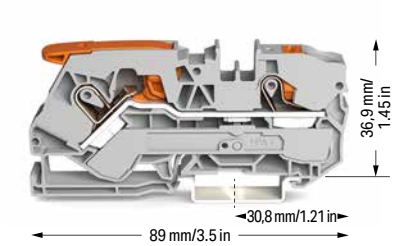
Approvals and corresponding ratings, visit www.wago.com

PUSH-IN CAGE CLAMP®

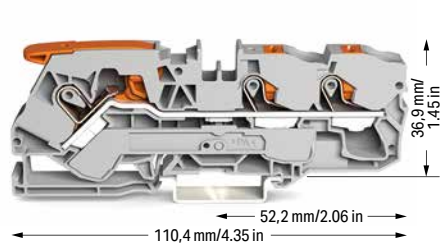
Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Lever and Push-Button

10 (16) mm²; 2110 Series

Technical Data	
0.5 … 10 (16) mm² ❶	20 … 6 AWG
800 V/8 kV/3 ❷	
I_N 57 A	
Terminal block width: 10 mm / 0.394 inch	
17 … 19 mm / 0.67 … 0.75 inch	



Technical Data	
0.5 … 10 (16) mm² ❶	20 … 6 AWG
800 V/8 kV/3 ❷	
I_N 57 A	
Terminal block width: 10 mm / 0.394 inch	
17 … 19 mm / 0.67 … 0.75 inch	



❶ Conductor range: 0.5 … 16 mm² "s+f-st"
Push-in termination: 4 … 16 mm² "s" and 4 … 10 mm² "insulated ferrules, 18 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 Full Line Catalog, Volume 1, Section 14)

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

See application notes in our Full Line Catalog, Volume 1.
Jumpers, from page 163
Testing accessories, from page 156
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; with lever and push-button

Color	Item No.	Pack. Unit
gray	2110-5201	25
blue	2110-5204 ❸	25

3-conductor through terminal block; with lever and push-button

Color	Item No.	Pack. Unit
gray	2110-5301	25
blue	2110-5304 ❸	25

2-conductor ground terminal block; with lever and Push-in CAGE CLAMP®

green-yellow	2110-5207	25

3-conductor ground terminal block; with lever and Push-in CAGE CLAMP®

green-yellow	2110-5307	25

Item-Specific Accessories

End and intermediate plate; 1 mm thick

orange	2110-1292	100 (25)
gray	2110-1291	100 (25)

Item-Specific Accessories

End and intermediate plate; 1 mm thick

orange	2110-1392	100 (25)
gray	2110-1391	100 (25)

Accessories; 2110 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Push-in type jumper bar; insulated; I_N 57 A; light gray

2-way	2010-402	25
3-way	2010-403	25
4-way	2010-404	25
5-way	2010-405	25

Push-in type jumper bar; insulated; I_N 57 A; light gray

1 to 3	2010-433	25
1 to 4	2010-434	25
1 to 5	2010-435	25

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

1-3-5	2010-405/011-000	25

Finger guard; touch-proof cover protects unused conductor entries

yellow	2010-100	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2010-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	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

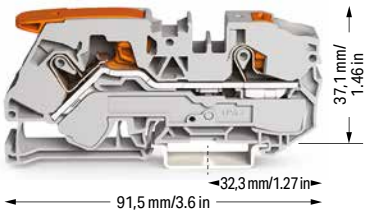
PUSH-IN CAGE CLAMP®

Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Lever and Push-Button

16 (25 “f-st”) mm²; 2102 Series

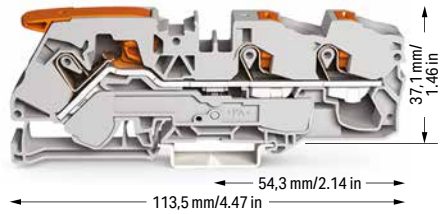
Technical Data

0.5 … 16 (25 “f-st”) mm² ❶ | 20 … 4 AWG
800 V/8 kV/3 ❷
I_N 76 A (90 A)
Terminal block width: 12 mm / 0.472 inch
18 … 20 mm / 0.71 … 0.79 inch



Technical Data

0.5 … 16 (25 “f-st”) mm² ❶ | 20 … 4 AWG
800 V/8 kV/3 ❷
I_N 76 A (90 A)
Terminal block width: 12 mm / 0.472 inch
18 … 20 mm / 0.71 … 0.79 inch



❶ Conductor range: 0.5 … 16 mm² “s+f-st”, 25 mm² “f-st”; Push-in termination: 6 … 16 mm² “s” and 6 … 16 mm² “insulated ferrules; 18 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

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

Please observe the application notes:
Jumpers, from page 163
Testing accessories, from page 157
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; with lever and push-button

Color	Item No.	Pack. Unit
gray	2116-5201	20
blue	2116-5204 ❸	20

3-conductor through terminal block; with lever and push-button

Color	Item No.	Pack. Unit
gray	2116-5301	20
blue	2116-5304 ❸	20

2-conductor ground terminal block; with lever and push-button
15 mm high DIN-35 rails shall be used for a current load higher than 76 A!

green-yellow		2116-5207	20

3-conductor ground terminal block; with lever and push-button
15 mm high DIN-35 rails shall be used for a current load higher than 76 A!

green-yellow		2116-5307	20

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2116-1292	100 (25)
gray	2116-1291	100 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2116-1392	100 (25)
gray	2116-1391	100 (25)

Accessories; 2116 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Push-in type jumper bar; insulated; I_N 76 A; light gray

2-way	2016-402	25
3-way	2016-403	25
4-way	2016-404	25
5-way	2016-405	25

Push-in type jumper bar; insulated; I_N 76 A; light gray

1 to 3	2016-433	25
1 to 4	2016-434	25
1 to 5	2016-435	25

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

1-3-5	2016-405/011-000	25

Finger guard; touch-proof cover protects unused conductor entries

yellow	2016-100	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2016-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

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

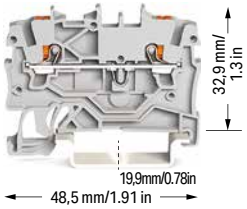
white	2009-110	1

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

plain	793-5501	5

Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Push-Button
1 (1.5) mm²; 2200 Series

Technical Data
0.14 … 1 (1.5) mm² ❶ | 24 … 16 AWG
800 V/8 kV/3 ❷
I_N 13.5 A (17.5 A)
Terminal block width: 3.5 mm / 0.138 inch
9 … 11 mm / 0.35 … 0.43 inch



2-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2200-1201	100
blue	2200-1204 ❸	100

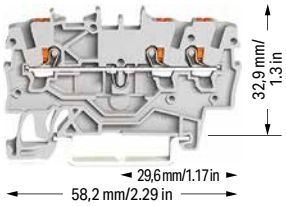
2-conductor ground terminal block; with push-button		
green-yellow	2200-1207	100

Accessories; item-specific

End and intermediate plate; 0.7 mm thick

orange	2000-1292	100 (25)
gray	2000-1291	100 (25)

Technical Data
0.14 … 1 (1.5) mm² ❶ | 24 … 16 AWG
800 V/8 kV/3 ❷
I_N 13.5 A (17.5 A)
Terminal block width: 3.5 mm / 0.138 inch
9 … 11 mm / 0.35 … 0.43 inch



3-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2200-1301	100
blue	2200-1304 ❸	100

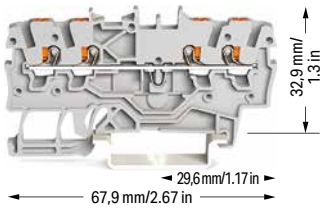
3-conductor ground terminal block; with push-button		
green-yellow	2200-1307	100

Accessories; item-specific

End and intermediate plate; 0.7 mm thick

orange	2000-1392	100 (25)
gray	2000-1391	100 (25)

Technical Data
0.14 … 1 (1.5) mm² ❶ | 24 … 16 AWG
800 V/8 kV/3 ❷
I_N 13.5 A (17.5 A)
Terminal block width: 3.5 mm / 0.138 inch
9 … 11 mm / 0.35 … 0.43 inch



4-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2200-1401	100
blue	2200-1404 ❸	100

4-conductor ground terminal block; with push-button		
green-yellow	2200-1407	100

Accessories; item-specific

End and intermediate plate; 0.7 mm thick

orange	2000-1492	100 (25)
gray	2000-1491	100 (25)

Accessories; 2200 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

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

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

1-2 3-4 5-6	2000-406/020-000	25

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

1-3-5	2000-405/011-000	25

Push-in type wire jumper; insulated; 0.75 mm² conductor cross-section; I_N 9 A

L = 60 mm	2009-402	100 (10)
L = 110 mm	2009-404	100 (10)
L = 250 mm	2009-406	100 (10)

Modular connector; snaps together; for jumper contact slot
Terminal block width: 5 mm / 0.197 inch

gray	2000-511	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2000-510	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2000-549	100 (25)

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)

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

yellow	210-137	50 (1)

WMB Inline; plain; 2,300 WMB markers (3.5 mm)/reel

white	2009-113	1

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

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 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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

Please observe the application notes:
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

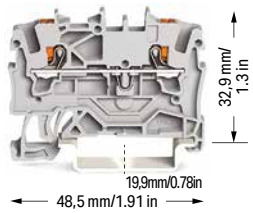
Approvals and corresponding ratings,
visit www.wago.com

Through Terminal Block, Ground Conductor Terminal Block, Double-Potential Terminal Block TOPJOB® S; with Push-Button

1.5 (2.5) mm²; 2201 Series

Technical Data

0.25 … 1.5 (2.5) mm² ❶ | 22 … 14 AWG
800 V/8 kV/3 ❷
I_N 18 A (24 A)
Terminal block width: 4.2 mm / 0.165 inch
9 … 11 mm / 0.35 … 0.43 inch



2-conductor through terminal block; with push-button

Color	Item No.	Pack. Unit
gray	2201-1201	100
blue	2201-1204 ❸	100
orange	2201-1202	100

2-conductor ground terminal block; with push-button

green-yellow	2201-1207	100

Accessories; item-specific

End and intermediate plate; 0.8 mm thick

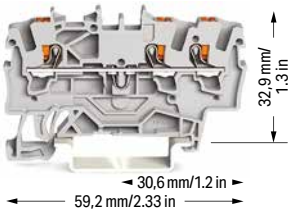
orange	2002-1292	100 (25)
gray	2002-1291	100 (25)

Separator; oversized; 2 mm thick

orange	2002-1294	100 (25)
gray	2002-1293	100 (25)

Technical Data

0.25 … 1.5 (2.5) mm² ❶ | 22 … 14 AWG
800 V/8 kV/3 ❷
I_N 18 A (24 A)
Terminal block width: 4.2 mm / 0.165 inch
9 … 11 mm / 0.35 … 0.43 inch



3-conductor through terminal block; with push-button

Color	Item No.	Pack. Unit
gray	2201-1301	100
blue	2201-1304 ❸	100
orange	2201-1302	100

3-conductor ground terminal block; with push-button

green-yellow	2201-1307	100

Accessories; item-specific

End and intermediate plate; 0.8 mm thick

orange	2002-1392	100 (25)
gray	2002-1391	100 (25)

Separator; oversized; 2 mm thick

orange	2002-1394	100 (25)
gray	2002-1393	100 (25)

Technical Data

0.25 … 1.5 (2.5) mm² ❶ | 22 … 14 AWG
800 V/8 kV/3 ❷
I_N 18 A (24 A)
Terminal block width: 4.2 mm / 0.165 inch
9 … 11 mm / 0.35 … 0.43 inch

4-conductor through terminal block; with push-button

Color	Item No.	Pack. Unit
gray	2201-1401	100
blue	2201-1404 ❸	100
orange	2201-1402	100

4-conductor ground terminal block; with push-button

green-yellow	2201-1407	100

Accessories; item-specific

End and intermediate plate; 0.8 mm thick

orange	2002-1492	100 (25)
gray	2002-1491	100 (25)

Separator; oversized; 2 mm thick

orange	2002-1494	100 (25)
gray	2002-1493	100 (25)

Accessories; 2201 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

Step-down jumper; insulated; commons 6/4 mm² (10/12 AWG) to 4/2.5/1.5 mm² (12/14/16 AWG); I_N 32 A

light gray	2006-499	25

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

1-2 3-4 5-6	2001-406/020-000	25

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

1-3-5	2001-405/011-000	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)

Modular connector; snaps together; for jumper contact slot

gray	2001-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2001-549	100 (25)

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

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)

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

yellow	210-137	50 (1)

WMB Inline; plain; 2,000 WMB markers (4 mm)/reel; 4 … 4.2 mm stretchable

white	2009-114	1

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.

❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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

Please observe the application notes:
Jumpers, from page 163
Testing accessories, from page 154
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Step-down jumper (2006-499) commons 6/4 mm² (10/12 AWG) terminal blocks (2206/2204 Series) with 4/2.5/1.5 mm² (AWG 12/14/16) terminal blocks (2204/2202/2201 Series).

Accessories; 2201 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

white	**2009-110**	1

WMB marking card; white; 10 strips with 10 markers/card; 4 … 4.2 mm stretchable

plain	**793-4501**	5

WMB marking card; plain; 10 strips with 10 markers/card; 4 … 4.2 mm stretchable

yellow	**793-4501/000-002**	5
red	**793-4501/000-005**	5
blue	**793-4501/000-006**	5
gray	**793-4501/000-007**	5
orange	**793-4501/000-012**	5
light green	**793-4501/000-017**	5
green	**793-4501/000-023**	5
violet	**793-4501/000-024**	5

Screwless end stop; for DIN-35 rail; 6 mm wide

gray	**249-116**	100 (25)

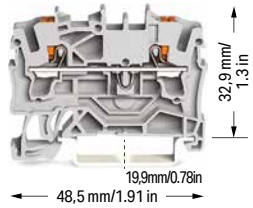
Screwless end stop; for DIN-35 rail; 10 mm wide

gray	**249-117**	50 (25)

Through Terminal Block, Ground Conductor Terminal Block, Double-Potential Terminal Block TOPJOB® S; with Push-Button

2.5 (4) mm²; 2202 Series

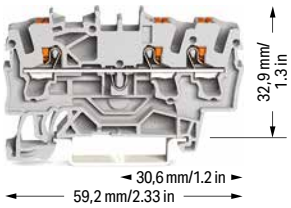
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	
I_N 24 A (32 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2202-1201	100
blue	2202-1204 ❸	100
red	2202-1203	100
black	2202-1205	100

2-conductor ground terminal block; with push-button		
green-yellow	2202-1207	100

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	
I_N 24 A (32 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2202-1301	100
blue	2202-1304 ❸	100

3-conductor ground terminal block; with push-button		
green-yellow	2202-1307	100

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	
I_N 24 A (32 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

4-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2202-1401	100
blue	2202-1404 ❸	100
red	2202-1403	100
black	2202-1405	100

4-conductor ground terminal block; with push-button		
green-yellow	2202-1407	100

Accessories; item-specific

End and intermediate plate; 0.8 mm thick			
	orange	2002-1292	100 (25)
	gray	2002-1291	100 (25)

Separator; oversized; 2 mm thick			
	orange	2002-1294	100 (25)
	gray	2002-1293	100 (25)

Accessories; item-specific

End and intermediate plate; 0.8 mm thick			
	orange	2002-1392	100 (25)
	gray	2002-1391	100 (25)

Separator; oversized; 2 mm thick			
	orange	2002-1394	100 (25)
	gray	2002-1393	100 (25)

Accessories; item-specific

End and intermediate plate; 0.8 mm thick			
	orange	2002-1492	100 (25)
	gray	2002-1491	100 (25)

Separator; oversized; 2 mm thick			
	orange	2002-1494	100 (25)
	gray	2002-1493	100 (25)

Accessories; 2202 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

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			
	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

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

Adjacent jumper for continuous commoning; insulated; I_N 25 A, light gray			
	5-way	2002-415	25

Step-down jumper; insulated; commons 6/4 mm² (10/12 AWG) to 4/2.5/1.5 mm² (12/14/16 AWG); I_N 32 A			
	light gray	2006-499	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

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

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

Please observe the application notes:
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Step-down jumper (2006-499) commons 6/4 mm² (10/12 AWG) terminal blocks (2206/2204 Series) with 4/2.5/1.5 mm² (AWG 12/14/16) terminal blocks (2204/2202/2201 Series).

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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)

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)

End plate; for modular connector; 1.5 mm thick

gray	**2002-541**	100 (25)

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

white	**2009-115**	1

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

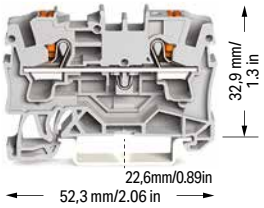
white	**2009-110**	1

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

plain	**793-5501**	5

Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Push-Button
4 (6) mm²; 2204 Series

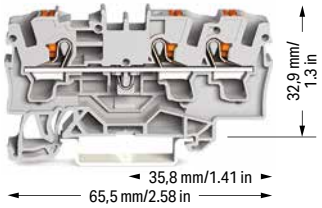
Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
800 V/8 kV/3 ❷	
I_N 32 A (41 A)	
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	



2-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2204-1201	50
blue	2204-1204 ❸	50

2-conductor ground terminal block; with push-button		
green-yellow	2204-1207	50

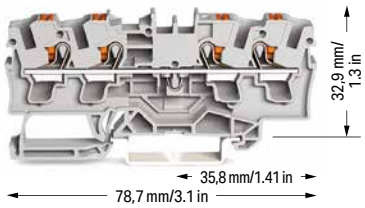
Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
800 V/8 kV/3 ❷	
I_N 32 A (41 A)	
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	



3-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2204-1301	50
blue	2204-1304 ❸	50

3-conductor ground terminal block; with push-button		
green-yellow	2204-1307	50

Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
800 V/8 kV/3 ❷	
I_N 32 A (41 A)	
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	



4-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2204-1401	50
blue	2204-1404 ❸	50

4-conductor ground terminal block; with push-button		
green-yellow	2204-1407	50

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2004-1292	100 (25)
gray	2004-1291	100 (25)

Separator; oversized; 2 mm thick

orange	2004-1294	100 (25)
gray	2004-1293	100 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2004-1392	100 (25)
gray	2004-1391	100 (25)

Separator; oversized; 2 mm thick

orange	2004-1394	100 (25)
gray	2004-1393	100 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2004-1492	100 (25)
gray	2004-1491	100 (25)

Separator; oversized; 2 mm thick

orange	2004-1494	100 (25)
gray	2004-1493	100 (25)

Accessories; 2204 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

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

1-3-5	2004-405/011-000	25

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

1-2 3-4 5-6	2004-406/020-000	

Step-down jumper; insulated; commons 6/4 mm² (10/12 AWG) to 4/2.5/1.5 mm² (12/14/16 AWG); I_N 32 A

light gray	2006-499	25

Modular connector; snaps together; for jumper contact slot

gray	2004-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2004-549	100 (25)

End plate; for modular connector; 1.5 mm thick

gray	2004-541	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

Testing tap; for max. 2.5 mm²

gray	2009-182	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

Group marker carrier; snap-on type for jumper slot; 5 mm wide

gray	2009-191	50 (25)

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 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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

Please observe the application notes:
Jumpers, from page 163
Testing accessories, from page 156
Marking, from page 246

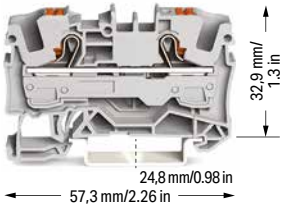
Approvals and corresponding ratings, visit www.wago.com

Step-down jumper (2006-499) commons 6/4 mm² (10/12 AWG) terminal blocks (2206/2204 Series) with 4/2.5/1.5 mm² (AWG 12/14/16) terminal blocks (2204/2202/2201 Series).

Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Push-Button
6 (10) mm²; 2206 Series

Technical Data

0.5 … 6 (10) mm² ❶ | 20 … 8 AWG
800 V/8 kV/3 ❷
I_N 41 A (57 A)
Terminal block width: 7.5 mm / 0.295 inch
13 … 15 mm / 0.51 … 0.59 inch



2-conductor through terminal block; with push-button

Color	Item No.	Pack. Unit
gray	2206-1201	50
blue	2206-1204 ❸	50

2-conductor ground terminal block; with push-button

green-yellow	2206-1207	50

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2006-1292	100 (25)
gray	2006-1291	100 (25)

Separator; oversized; 2 mm thick

orange	2006-1294	100 (25)
gray	2006-1293	100 (25)

Accessories; 2206 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

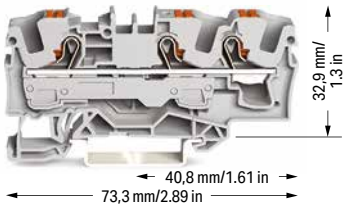
1-3-5	2006-405/011-000	25

Step-down jumper; insulated; commons 6/4 mm² (10/12 AWG) to 4/2.5/1.5 mm² (12/14/16 AWG); I_N 32 A

light gray	2006-499	25

Technical Data

0.5 … 6 (10) mm² ❶ | 20 … 8 AWG
800 V/8 kV/3 ❷
I_N 41 A (57 A)
Terminal block width: 7.5 mm / 0.295 inch
13 … 15 mm / 0.51 … 0.59 inch



3-conductor through terminal block; with push-button

Color	Item No.	Pack. Unit
gray	2206-1301	25
blue	2206-1304 ❸	25

3-conductor ground terminal block; with push-button

green-yellow	2206-1307	25

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2006-1392	100 (25)
gray	2006-1391	100 (25)

Separator; oversized; 2 mm thick

orange	2006-1394	100 (25)
gray	2006-1393	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2006-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	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

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

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

Please observe the application notes:
Jumpers, from page 163
Testing accessories, from page 156
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Step-down jumper (2006-499) commons 6/4 mm² (10/12 AWG) terminal blocks (2206/2204 Series) with 4/2.5/1.5 mm² (AWG 12/14/16) terminal blocks (2204/2202/2201 Series).

PUSH-IN CAGE CLAMP®

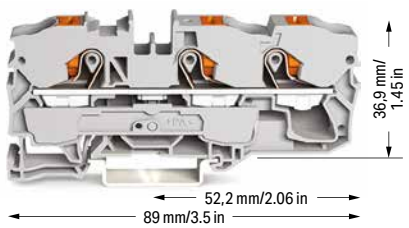
Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Push-Button
10 (16) mm²; 2210 Series

Technical Data

0,5 … 10 (16) mm² ❶ | 20 … 6 AWG
800 V/8 kV/3 ❷
I_N 57 A (76 A)
Terminal block width: 10 mm / 0.394 inch
17 … 19 mm / 0.67 … 0.75 inch

Technical Data

0,5 … 10 (16) mm² ❶ | 20 … 6 AWG
800 V/8 kV/3 ❷
I_N 57 A (76 A)
Terminal block width: 10 mm / 0.394 inch
17 … 19 mm / 0.67 … 0.75 inch



❶ Conductor range: 0.5 … 16 mm² "s+f-st"; Push-in termination: 4 … 16 mm² "s" and 4 … 10 mm² "insulated ferrules; 18 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

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

Please observe the application notes:
Jumpers, from page 163
Testing accessories, from page 156
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; with push-button

Color	Item No.	Pack. Unit
gray	2210-1201	25
blue	2210-1204 ❸	25

3-conductor through terminal block; with push-button

Color	Item No.	Pack. Unit
gray	2210-1301	25
blue	2210-1304 ❸	25

2-conductor ground terminal block; with push-button

green-yellow	2210-1207	25

3-conductor ground terminal block; with push-button

green-yellow	2210-1307	25

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2010-1292	100 (25)
gray	2010-1291	100 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2010-1392	100 (25)
gray	2010-1391	100 (25)

Accessories; 2210 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Push-in type jumper bar; insulated; I_N 57 A; light gray

2-way	2010-402	25
3-way	2010-403	25
4-way	2010-404	25
5-way	2010-405	25

Push-in type jumper bar; insulated; I_N 57 A; light gray

1 to 3	2010-433	25
1 to 4	2010-434	25
1 to 5	2010-435	25

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

1-3-5	2010-405/011-000	25

light gray	2016-499	25

Finger guard; touch-proof cover protects unused conductor entries

yellow	2010-100	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2010-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

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

white	2009-110	1

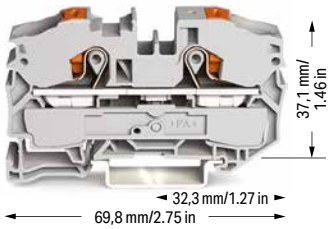
WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5

Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S; with Push-Button
16 (25 “f-st”) mm²; 2216 Series

Technical Data

0.5 … 16 (25 “f-st”) mm² ❶ | 20 … 4 AWG
800 V/8 kV/3 ❷
I_N 76 A (90 A)
Terminal block width: 12 mm / 0.472 inch
18 … 20 mm / 0.71 … 0.79 inch



2-conductor through terminal block; with push-button

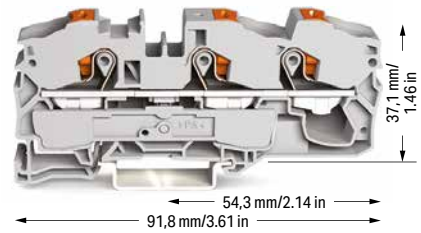
Color	Item No.	Pack. Unit
gray	2216-1201	20
blue	2216-1204 ❸	20

2-conductor ground terminal block; with push-button
15 mm high DIN-35 rails shall be used for a current load higher than 76 A!

green-yellow	2216-1207	50

Technical Data

0.5 … 16 (25 “f-st”) mm² ❶ | 20 … 4 AWG
800 V/8 kV/3 ❷
I_N 76 A (90 A)
Terminal block width: 12 mm / 0.472 inch
18 … 20 mm / 0.71 … 0.79 inch



3-conductor through terminal block; with push-button

Color	Item No.	Pack. Unit
gray	2216-1301	20
blue	2216-1304 ❸	20

3-conductor ground terminal block; with push-button
15 mm high DIN-35 rails shall be used for a current load higher than 76 A!

green-yellow	2216-1307	20

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2016-1292	100 (25)
gray	2016-1291	100 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2016-1392	100 (25)
gray	2016-1391	100 (25)

Accessories; 2216 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Push-in type jumper bar; insulated; I_N 76 A; light gray

2-way	2016-402	25
3-way	2016-403	25
4-way	2016-404	25
5-way	2016-405	25

Push-in type jumper bar; insulated; I_N 76 A; light gray

1 to 3	2016-433	25
1 to 4	2016-434	25
1 to 5	2016-435	25

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

1-3-5	2016-405/011-000	25

light gray	2016-499	25

Finger guard; touch-proof cover protects unused conductor entries

yellow	2016-100	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2016-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	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

❶ Conductor range: 0.5 … 16 mm² “s+f-st”, 25 mm² “f-st”; Push-in termination: 6 … 16 mm² “s” and 6 … 16 mm² “insulated ferrules; 18 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

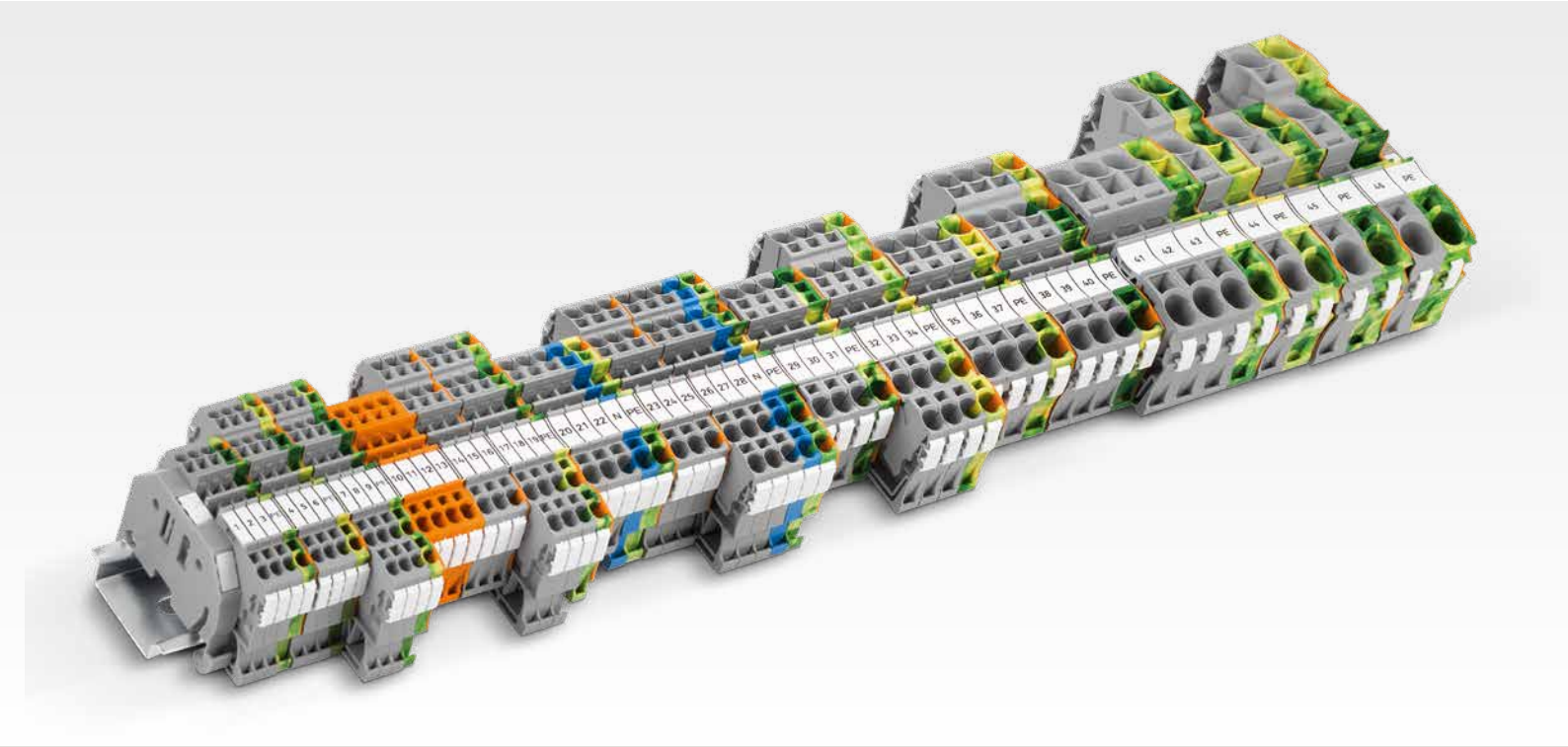
❸ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

Please observe the application notes:
Jumpers, from page 163
Testing accessories, from page 157
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

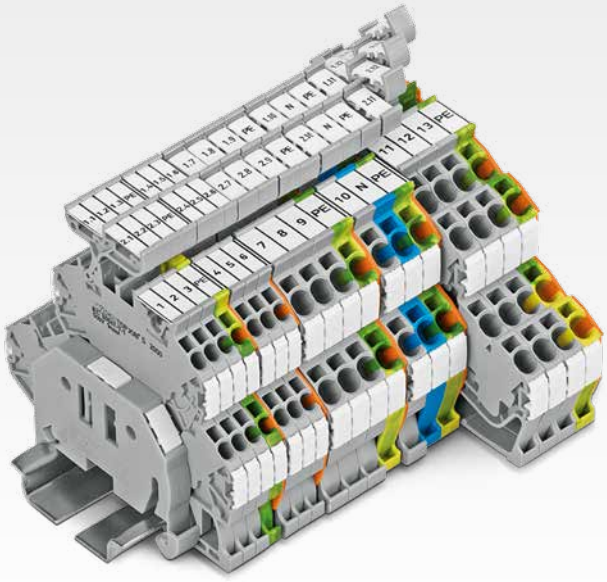
THROUGH TERMINAL BLOCKS

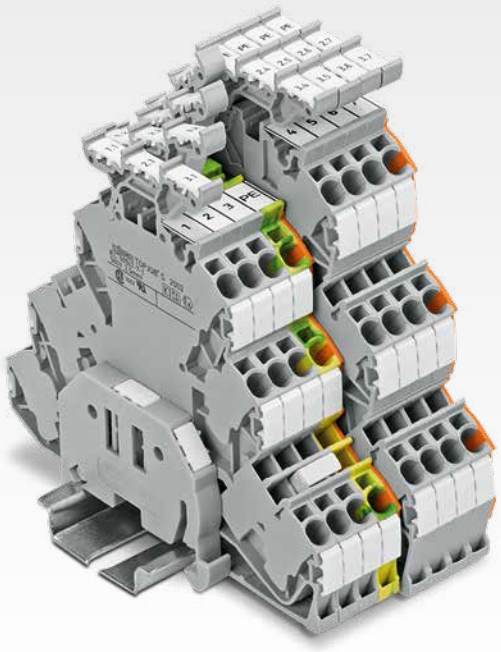
Single-Deck – Double-Deck – Triple-Deck



Single-Deck Terminal Blocks

- Terminate conductors ranging from 0.14 to 25 mm² (24–4 AWG)
- Provide simple, push-in termination of solid, stranded and ferruled conductors
- Feature centered dual jumper slots that accommodate WAGO's extensive line of jumpers
- Benefit from clear and continuous labeling via a centered marking slot
- Cost-effective use of both marking strips and WMB markers on all Through Terminal Blocks TOPJOB® S





Double-Deck Terminal Blocks

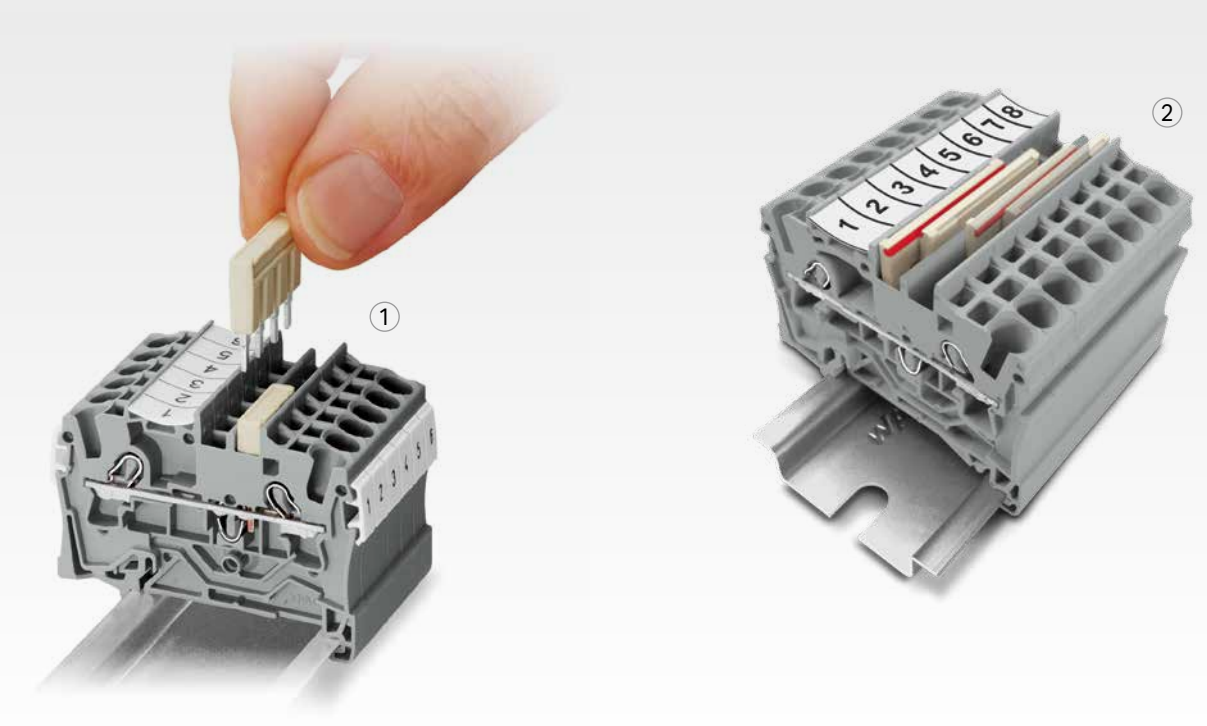
- Save space
- Just 3.5 mm wide to maximize space
- Rated for 800 V nominal voltage
- Pivoting marker carrier clearly identifies each clamping unit – even in the tightest areas
- Both decks can be commoned after wiring via pluggable vertical jumper

Triple-Deck Terminal Blocks

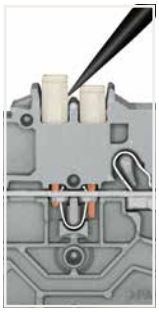
- Three different potentials in a width of just 5.2 mm (0.205 inch)
- Pivoting marker carrier clearly identifies each connection point in space-restricted conditions
- Both decks can be commoned after wiring via pluggable vertical jumper
- Wire an electric motor with four potentials, including a ground conductor, with just a 5.2 mm rail-mount terminal block for electric motor wiring

RANGE OF JUMPERS

For Every Commoning Task



① Push-In Type Jumper Bars

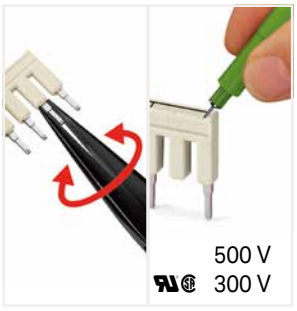


- Simply insert push-in type jumper bars into one of the center jumper slots.
- Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.
- Place the operating tool in the center of jumpers for up to five contacts, or alternately on both sides for jumpers with more than five contacts.

② Staggered Jumpers

- Staggered jumpers allow 2002 and 2003 Series terminal blocks to accommodate two potentials in a single jumper slot alongside each other.
- Dual jumper slots allow four different potentials to be accommodated along side each other.
- Make sure that only one contact lug is inserted per contact.
- Insert the staggered jumpers so that the red lines of both jumpers are facing each other.

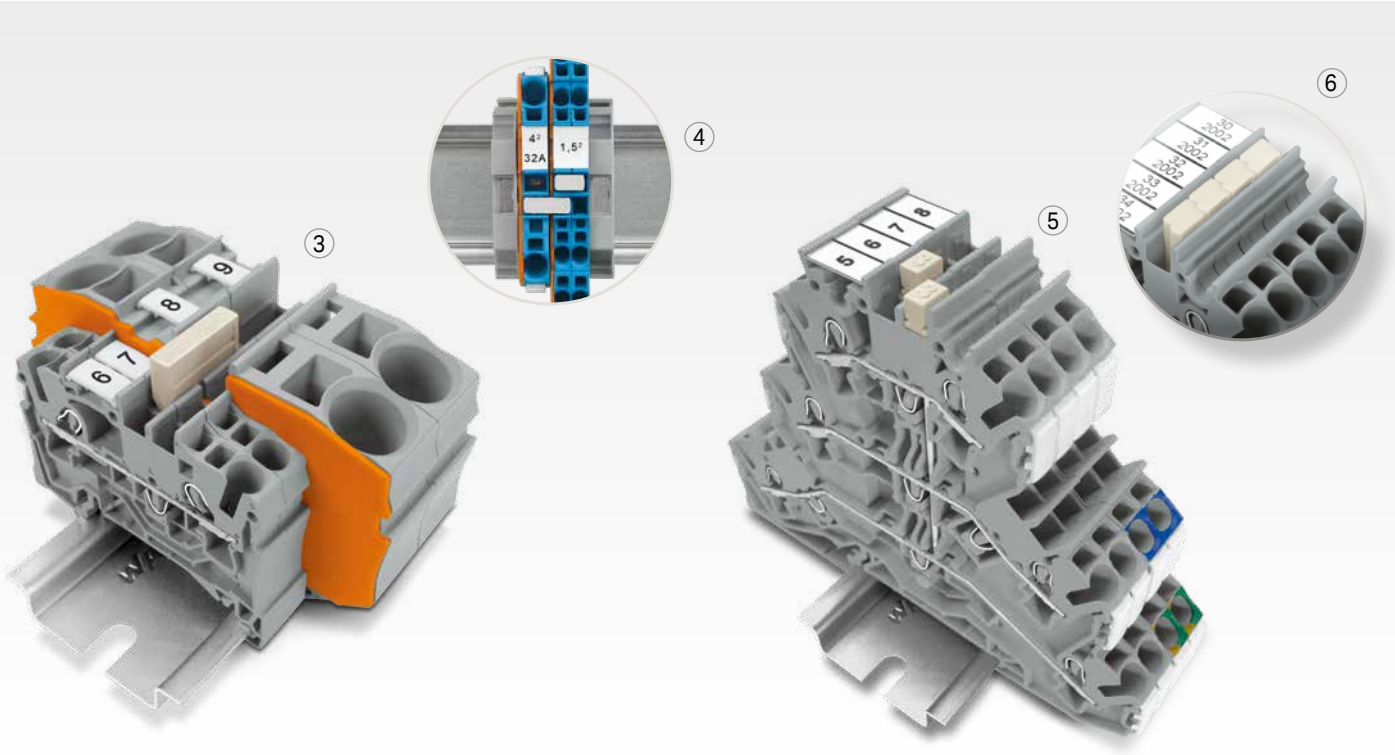
Standard jumpers offered by WAGO



Custom push-in type jumper bars are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).

Custom staggered jumpers are created by breaking off jumper contacts.

Note
Please note that:
The total current of the outgoing circuits must not exceed the nominal current of the step-down jumper/ push-in type jumper bar.



③ Commoning with Step-Down Jumpers

- 2016-499 Step-Down Jumpers common 16/10 mm² (16/8 AWG) terminal blocks (2016/2010 Series) with 10/6/4/2.5 mm² (8/10/12/14 AWG) terminal blocks (2010/2006/2004/2002 Series).
- 2006-499 Step-Down Jumpers common 6/4 mm² (10/12 AWG) terminal blocks (2006/2004 Series) with 4/2.5/1.5 mm² (AWG 12/14/16) terminal blocks (2004/2002/2001 Series).
- An end plate must be inserted between the terminal blocks to be commoned.

④ Commoning with Push-In Type Jumper Bars

- Commoning via open terminal side with end plate allows jumpering over two cross-section sizes for 16 mm²/6 AWG (2016 Series) and 10 mm²/8 AWG (2010 Series), e.g., from 16 mm²/6 AWG (2016 Series) to 6 mm²/10 AWG (2006 Series) or from 10 mm²/8 AWG (2010 Series) to 4 mm²/12 AWG (2004 Series).
- One cross-section size can be jumpered over when commoning 6 mm²/4 mm²/2.5 mm² (10/12/14 AWG) terminal blocks (2006/2004/2002 Series): from 6 mm²/10 AWG (2006 Series) to 4 mm²/12 AWG (2004 Series)
- Commoning via closed terminal side with end plate allows jumpering over two cross-section sizes, e.g., from 16 mm²/6 AWG (2016 Series) to 6 mm²/10 AWG (2006 Series) or from 6 mm²/10 AWG (2006 Series) to 2.5 mm²/14 AWG (2002 Series).

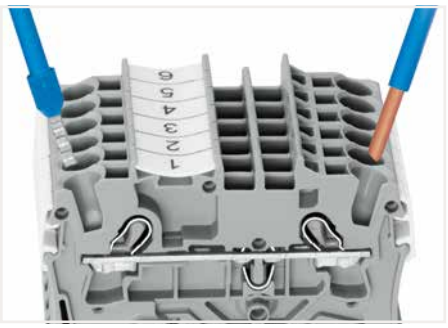
⑤ Vertical Jumpers

- Created for double- and triple-deck Terminal Blocks TOPJOB® S, the vertical jumpers can common two or three levels.

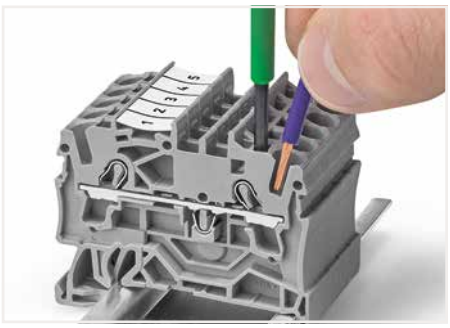
⑥ Adjacent Jumpers for Continuous Commoning

- Any number of 2002 Series Terminal Blocks can be commoned without a push-in type jumper bar (2- to 10-way).
- These jumpers are ideal for electric motor wiring or 4-conductor, double-deck rail-mount terminal blocks that only have one jumper slot per level. Connection is made by inserting each contact of two adjacent jumpers in a single slot.

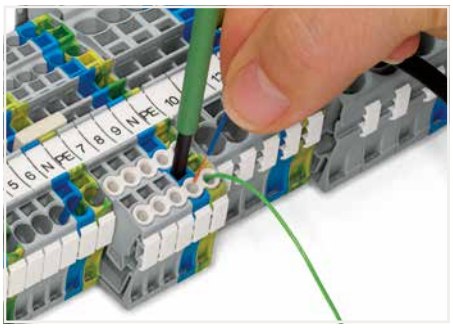
Rail-Mount Terminal Blocks TOPJOB® S; with Push-in CAGE CLAMP®
2000 to 2016 Series
Description and Installation



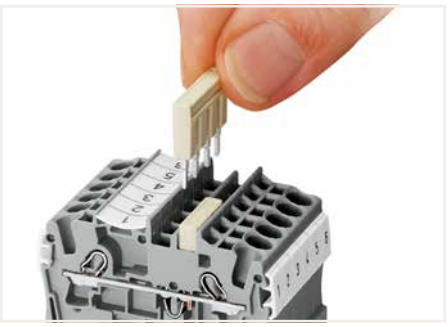
Push-in termination of solid and ferruled conductors



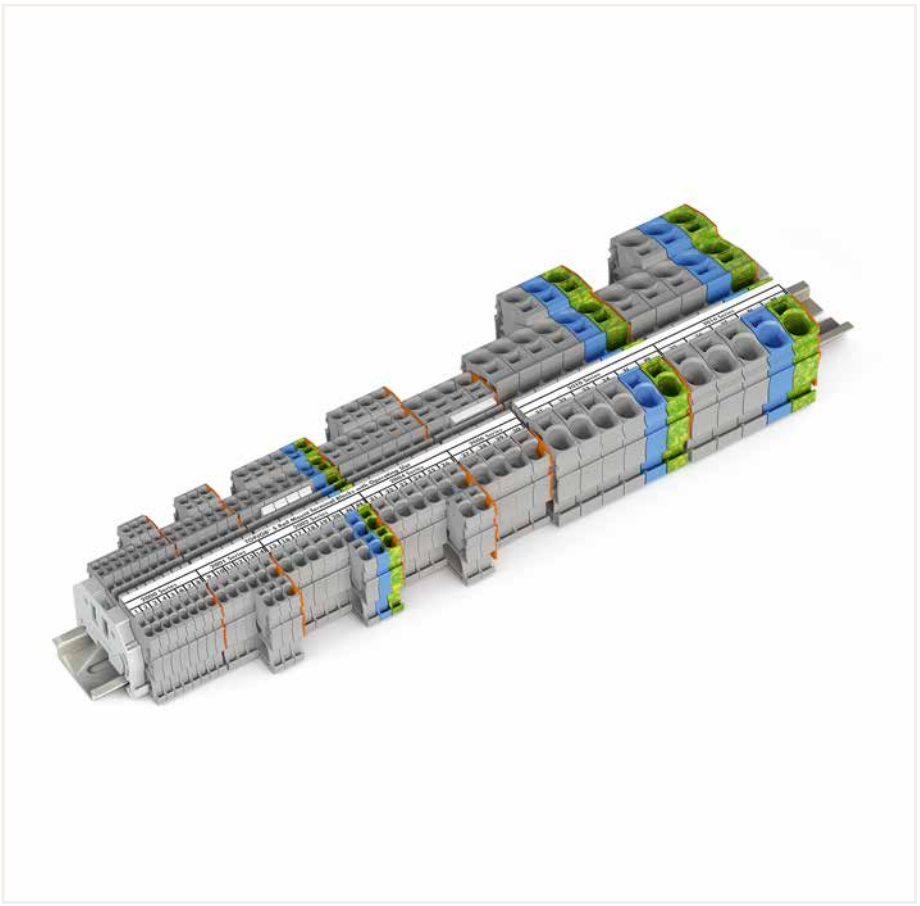
Insert fine-stranded conductors via operating tool.



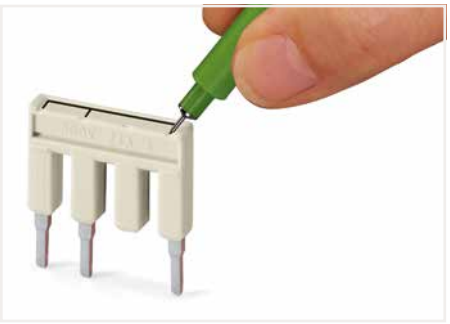
Conductor termination – insulation stop



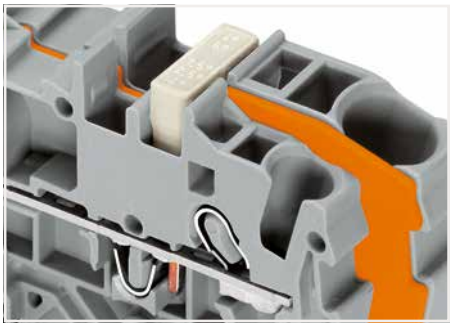
Insert push-in type jumper bar and push down until it hits backstop.



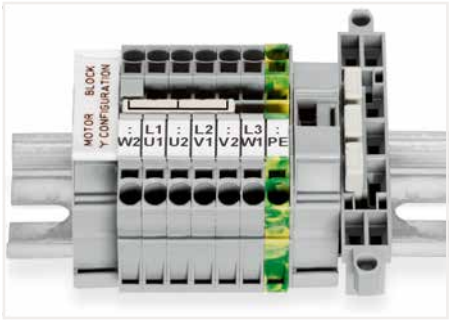
Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).



Push-in type jumper bar:
Marking with a felt-tip pen.



Commoning with step-down jumpers.



This star point jumper was specifically developed to create a "star point" and is used on motor terminal boards equipped with Rail-Mount Terminal Blocks TOPJOB® S.

Push-in CAGE CLAMP® terminates the following copper conductors:
solid "s"

stranded "st"

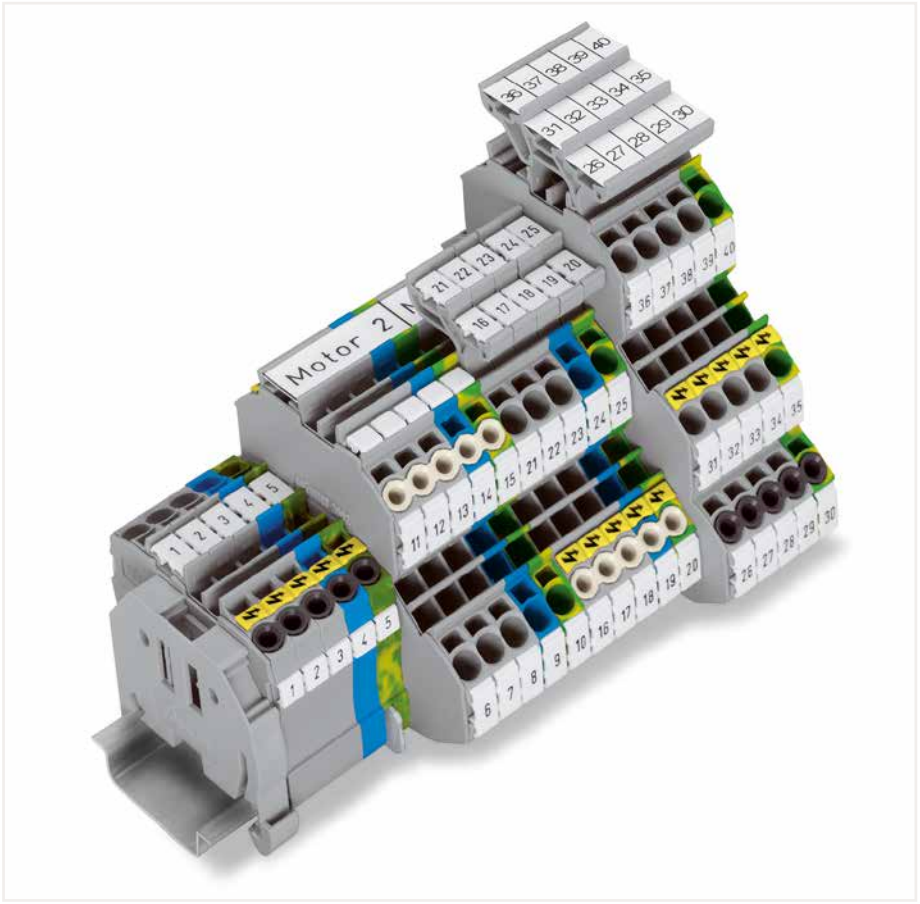
fine-stranded "f-st", also with tinned single strands

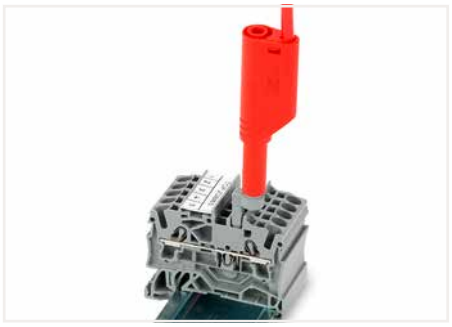
PUSH-IN CAGE CLAMP®

Rail-mount terminal block assembly for electric motor wiring

L-type test plug modules fitted in a triple-deck terminal block

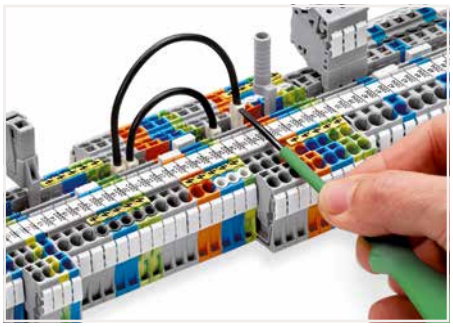
Testing tap (2009-182) for tool-free connection of test cables up to 2.5 mm² (12 AWG) – compatible with 2000 to 2016 Series



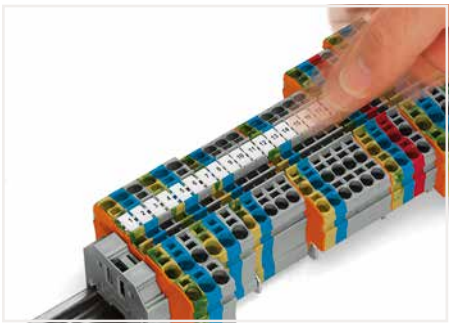


Test plug adapter (2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series

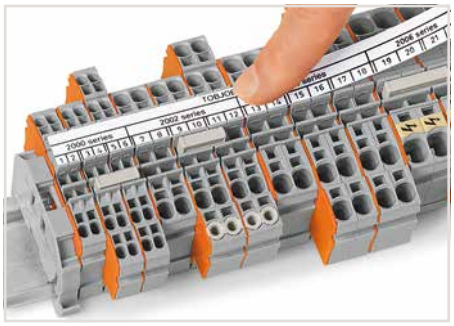
Group marker carrier (2009-163) for marking strips (2009-110)



Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.



Snapping a marking strip into the marker slot.



Snapping a marking strip into the marker slot.

fine-stranded, tip-bonded

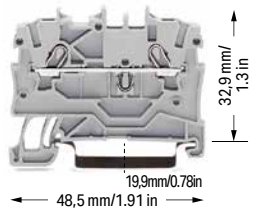
fine-stranded, with ferrule (gastight crimped)

fine-stranded, with pin terminal (gastight crimped)

Through Terminal Block, Ground Conductor Terminal Block, Double-Potential Terminal Block TOPJOB® S

1 (1.5) mm²; 2000 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
800 V/8 kV/3 ❷	600 V, 10 A
I_N 13.5 A (17.5 A)	600 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



2-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2000-1201 ❹	100
blue	2000-1204 ❸ ❹	100
orange	2000-1202 ❹	100
red	2000-1203 ❹	100
black	2000-1205 ❹	100
yellow	2000-1206 ❹	100

2-conductor ground terminal block

green-yellow	2000-1207 ❹	100

Accessories; item-specific

End and intermediate plate; 0.7 mm thick

orange	2000-1292	100 (25)
gray	2000-1291	100 (25)

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

90 mm	209-190	50 (25)
120 mm	209-191	50 (25)

Accessories; 2000 Series

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

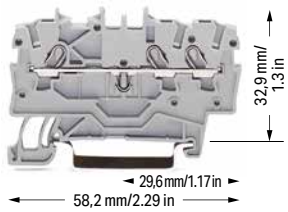
Push-in type jumper bar; insulated; I_N 14 A; light gray

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

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

yellow	2000-115	100 (25)

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
800 V/8 kV/3 ❷	600 V, 10 A
I_N 13.5 A (17.5 A)	600 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



3-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2000-1301 ❹	100
blue	2000-1304 ❸ ❹	100
orange	2000-1302 ❹	100
red	2000-1303 ❹	100
black	2000-1305 ❹	100
yellow	2000-1306 ❹	100

3-conductor ground terminal block

green-yellow	2000-1307 ❹	100

Accessories; item-specific

End and intermediate plate; 0.7 mm thick

orange	2000-1392	100 (25)
gray	2000-1391	100 (25)

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

120 mm	209-191	50 (25)

Accessories; 2000 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

1-2 3-4 5-6	2000-406/020-000	25

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

1-3-5	2000-405/011-000	25

Push-in type wire jumper; insulated; 0.75 mm² conductor cross-section; I_N 9 A

L = 60 mm	2009-402	100 (10)
L = 110 mm	2009-404	100 (10)
L = 250 mm	2009-406	100 (10)

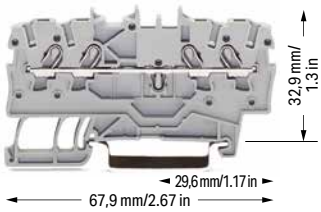
Modular connector; snaps together; for jumper contact slot
Terminal block width: 5 mm / 0.197 inch

gray	2000-511	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2000-510	100 (25)

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
800 V/8 kV/3 ❷	600 V, 10 A
I_N 13.5 A (17.5 A)	600 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



4-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2000-1401 ❹	100
blue	2000-1404 ❸ ❹	100
orange	2000-1402 ❹	100
red	2000-1403 ❹	100
black	2000-1405 ❹	100
yellow	2000-1406 ❹	100

4-conductor ground terminal block

green-yellow	2000-1407 ❹	100

Accessories; item-specific

End and intermediate plate; 0.7 mm thick

orange	2000-1492	100 (25)
gray	2000-1491	100 (25)

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

120 mm	209-191	50 (25)

Accessories; 2000 Series

Spacer module; snaps together; bridges commoned terminal blocks

gray	2000-549	100 (25)

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

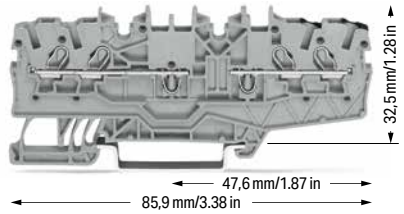
Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

Testing tap; for max. 2.5 mm²

gray	2009-182	100 (25)

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
800 V/8 kV/3 ❷	600 V, 10 A
I_N 13.5 A (17.5 A)	600 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 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 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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

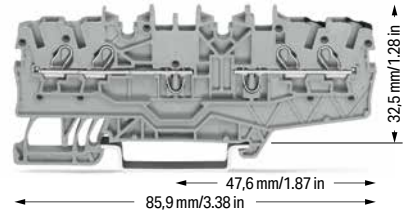
❹ Terminal blocks with an Ex mark are suitable for Ex e II applications.
550 V; 13 A
12 A jumper

Please observe the application notes:
Separator for Ex e/Ex i applications, see page 43
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Double-potential terminal block; both potentials can be commoned

Color	Item No.	Pack. Unit
gray	2000-2141 ❹	50



Front-entry double-potential terminal blocks are space savers. Two independent feedthrough circuits are placed in one insulated housing on one level in just 3.5 mm. This achieves a width of just 1.75 mm versus standard through terminal blocks. Input and output of a circuit are placed on the same side of the terminal block. Both circuits can be individually marked according to input and output.

Standard and quick marking options:
Three marker slots are available for both individual markers and marking strips.

Accessories; item-specific

End and intermediate plate; 0.7 mm thick

orange	2000-2196	100 (25)
gray	2000-2195	100 (25)

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

red	210-136	50 (1)

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

yellow	210-137	50 (1)

WMB Inline; plain; 2,300 WMB markers (3.5 mm)/reel

white	2009-113	1

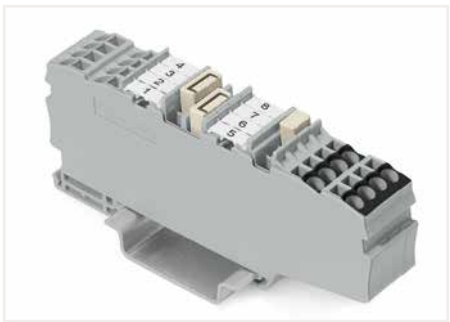
Marking strip; plain; 11 mm wide; 50 m reel

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

2009-193 Group Marker Carrier (equipped with marking strips) for all 2001 to 2016 Series Rail-Mount Terminal Blocks TOPJOB® S
Do not use on an end plate!

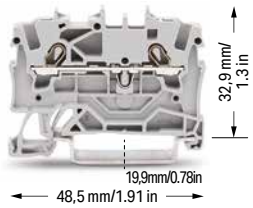


Standard and quick marking options:
Four marker slots (double-potential terminal blocks) are available for both individual markers and marking strips.

Through Terminal Block, Ground Conductor Terminal Block, Shield Conductor Terminal Block, Double-Potential Terminal Block TOPJOB® S

1.5 (2.5) mm²; 2001 Series

Technical Data	
0.25 … 1.5 (2.5) mm² 1	22 … 14 AWG
800 V/8 kV/3 2	600 V, 15 A
I_N 18 A (24 A)	600 V, 15 A
Terminal block width: 4.2 mm / 0.165 inch	
9 … 11 mm / 0.35 … 0.43 inch	



2-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2001-1201 4	100
blue	2001-1204 3 4	100
orange	2001-1202 4	100
red	2001-1203 4	100
black	2001-1205 4	100
yellow	2001-1206 4	100

2-conductor ground terminal block

green-yellow	2001-1207 4	100

2-conductor shield terminal block

white	2001-1208	100

Other terminal blocks with the same profile:

Diode	2001-1211/1000-411	Page 130

Accessories; item-specific

End and intermediate plate; 0.8 mm thick

orange	2002-1292	100 (25)
gray	2002-1291	100 (25)

Separator; oversized; 2 mm thick

orange	2002-1294	100 (25)
gray	2002-1293	100 (25)

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

90 mm	209-190	50 (25)
120 mm	209-191	50 (25)

Technical Data	
0.25 … 1.5 (2.5) mm² 1	22 … 14 AWG
800 V/8 kV/3 2	600 V, 15 A
I_N 18 A (24 A)	600 V, 15 A
Terminal block width: 4.2 mm / 0.165 inch	
9 … 11 mm / 0.35 … 0.43 inch	

3-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2001-1301 4	100
blue	2001-1304 3 4	100
orange	2001-1302 4	100
red	2001-1303 4	100
black	2001-1305 4	100
yellow	2001-1306 4	100

3-conductor ground terminal block

green-yellow	2001-1307 4	100

3-conductor shield terminal block

white	2001-1308	100

Other terminal blocks with the same profile:

Diode	2001-1311/1000-411	Page 130
LED	2001-1321/1000-434	Page 130

Accessories; item-specific

End and intermediate plate; 0.8 mm thick

orange	2002-1392	100 (25)
gray	2002-1391	100 (25)

Separator; oversized; 2 mm thick

orange	2002-1394	100 (25)
gray	2002-1393	100 (25)

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

120 mm	209-191	50 (25)

Technical Data	
0.25 … 1.5 (2.5) mm² 1	22 … 14 AWG
800 V/8 kV/3 2	600 V, 15 A
I_N 18 A (24 A)	600 V, 15 A
Terminal block width: 4.2 mm / 0.165 inch	
9 … 11 mm / 0.35 … 0.43 inch	

4-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2001-1401 4	100
blue	2001-1404 3 4	100
orange	2001-1402 4	100
red	2001-1403 4	100
black	2001-1405 4	100
yellow	2001-1406 4	100

4-conductor ground terminal block

green-yellow	2001-1407 4	100

4-conductor shield terminal block

white	2001-1408	100

Other terminal blocks with the same profile:

Diode	2001-1411/1000-411	Page 130
LED	2001-1421/1000-434	Page 130

Accessories; item-specific

End and intermediate plate; 0.8 mm thick

orange	2002-1492	100 (25)
gray	2002-1491	100 (25)

Separator; oversized; 2 mm thick

orange	2002-1494	100 (25)
gray	2002-1493	100 (25)

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

120 mm	209-191	50 (25)

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)

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

yellow	2001-115	100 (25)

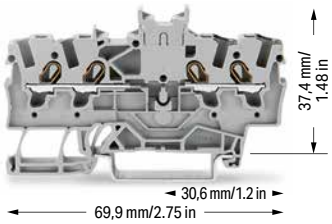
Push-in type jumper bar; insulated; I_N 18 A; light gray

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

Technical Data	
0.25 … 1.5 (2.5) mm² ❶	22 … 14 AWG
800 V/8 kV/3 ❷	600 V, 15 A
I_N 18 A (24 A)	600 V, 15 A
Terminal block width: 4.2 mm / 0.165 inch	
9 … 11 mm / 0.35 … 0.43 inch	



Double-potential terminal block; with push-button; with double, center marking slot
Notice: This double potential terminal block cannot be commoned with push-in type jumper bars!

Color	Item No.	Pack. Unit
gray	2001-1441 ❹	100

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.

❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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.
550 V; 17 A
16 A jumper

Please observe the application notes:
Separator for Ex e/Ex i applications, see page 43
Step-down jumpers, see page 47
Jumpers, from page 163
Testing accessories, from page 154
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; item-specific

End and intermediate plate; 0.9 mm thick

orange	2002-1492	100 (25)
gray	2002-1491	100 (25)

Separator; oversized; 2 mm thick

orange	2002-1494	100 (25)
gray	2002-1493	100 (25)

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

1-2 3-4 5-6	2001-406/020-000	25

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

1-3-5	2001-405/011-000	25

Accessories; 2001 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Step-down jumper; insulated; commons 6/4 mm² (10/12 AWG) to 4/2.5/1.5 mm² (12/14/16 AWG); I_N 32 A

light gray	2006-499	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	2001-511	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

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)

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

yellow	210-137	50 (1)

Accessories; 2001 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

WMB Inline; plain; 2,000 WMB markers (4 mm)/reel; 4 … 4.2 mm stretchable

white	2009-114	1

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

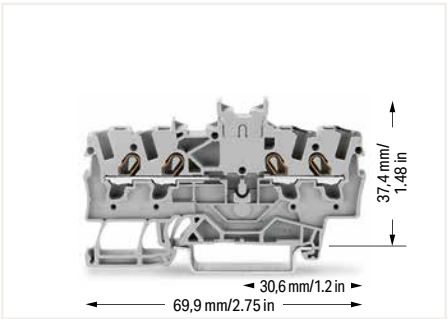
white	2009-110	1

WMB marking card; white; 10 strips with 10 markers/card; 4 … 4.2 mm stretchable

plain	793-4501	5

WMB marking card; plain; 10 strips with 10 markers/card; 4 … 4.2 mm stretchable

yellow	793-4501/000-002	5
red	793-4501/000-005	5
blue	793-4501/000-006	5
gray	793-4501/000-007	5
orange	793-4501/000-012	5
light green	793-4501/000-017	5
green	793-4501/000-023	5
violet	793-4501/000-024	5

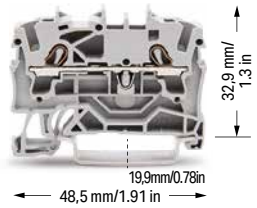


Notice: These double-potential terminal blocks cannot be commoned with push-in type jumper bars!
Front-entry double-potential terminal blocks are space savers. Two independent feedthrough circuits are placed in one insulated housing on one level in just 4.2 mm. This achieves a width of just 2.1 mm versus standard through terminal blocks. Input and output of a circuit are placed on the same side of the terminal block. Both circuits can be individually marked according to input and output.

Through Terminal Block, Ground Conductor Terminal Block, Shield Conductor Terminal Block, Double-Potential Terminal Block TOPJOB® S

2.5 (4) mm²; 2002 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A)	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2002-1201 ❹	100
blue	2002-1204 ❸ ❹	100
orange	2002-1202 ❹	100
red	2002-1203 ❹	100
black	2002-1205 ❹	100
yellow	2002-1206 ❹	100

2-conductor ground terminal block

green-yellow	2002-1207 ❹	100

2-conductor shield terminal block

white	2002-1208	100

Other terminal blocks with the same profile:

Diode	2002-1211/1000-411	Page 132

Accessories; item-specific

End and intermediate plate; 0.8 mm thick

orange	2002-1292	100 (25)
gray	2002-1291	100 (25)

Separator; oversized; 2 mm thick

orange	2002-1294	100 (25)
gray	2002-1293	100 (25)

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

90 mm	209-190	50 (25)
120 mm	209-191	50 (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 24 A (32 A)	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

3-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2002-1301 ❹	100
blue	2002-1304 ❸ ❹	100
orange	2002-1302 ❹	100
red	2002-1303 ❹	100
black	2002-1305 ❹	100
yellow	2002-1306 ❹	100

3-conductor ground terminal block

green-yellow	2002-1307 ❹	100

3-conductor shield terminal block

white	2002-1308	100

Other terminal blocks with the same profile:

Diode	2002-1311/1000-411	Page 132
LED	2002-1321/1000-434	Page 132

Accessories; item-specific

End and intermediate plate; 0.8 mm thick

orange	2002-1392	100 (25)
gray	2002-1391	100 (25)

Separator; oversized; 2 mm thick

orange	2002-1394	100 (25)
gray	2002-1393	100 (25)

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

120 mm	209-191	50 (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 24 A (32 A)	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

4-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2002-1401 ❹	100
blue	2002-1404 ❸ ❹	100
orange	2002-1402 ❹	100
red	2002-1403 ❹	100
black	2002-1405 ❹	100
yellow	2002-1406 ❹	100

4-conductor ground terminal block

green-yellow	2002-1407 ❹	100

4-conductor shield terminal block

white	2002-1408	100

Other terminal blocks with the same profile:

Diode	2002-1411/1000-411	Page 132
LED	2002-1421/1000-434	Page 132

Accessories; item-specific

End and intermediate plate; 0.8 mm thick

orange	2002-1492	100 (25)
gray	2002-1491	100 (25)

Separator; oversized; 2 mm thick

orange	2002-1494	100 (25)
gray	2002-1493	100 (25)

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

120 mm	209-191	50 (25)

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)

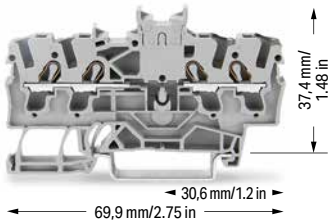
Push-in type jumper bar; insulated; I_N 25 A; light gray

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

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A)	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Double-potential terminal block; with double, center marking slot
Notice: This double potential terminal block cannot be commoned with push-in type jumper bars!

Color	Item No.	Pack. Unit
gray	2002-1441 ❹	100

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

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.
550 V; 22 A
20 A jumper

Please observe the application notes:
Separator for Ex e/Ex i applications, see page 43
Step-down jumpers, see page 47
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; item-specific

End and intermediate plate; 0.9 mm thick

orange	2002-1492	100 (25)
gray	2002-1491	100 (25)

Separator; oversized; 2 mm thick

orange	2002-1494	100 (25)
gray	2002-1493	100 (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

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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, 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

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

5-way	2002-415	25

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

yellow	2002-115	100 (25)

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Step-down jumper; insulated; commons 6/4 mm² (10/12 AWG) to 4/2.5/1.5 mm² (12/14/16 AWG); I_N 32 A

light gray	2006-499	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)

L-type test plug module; snaps together

gray	2002-611	100 (25)

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

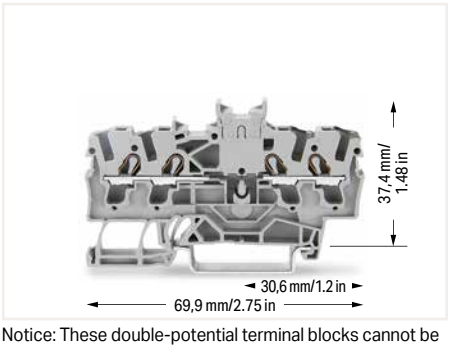
white	2009-115	1

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



Notice: These double-potential terminal blocks cannot be commoned with push-in type jumper bars! Front-entry double-potential terminal blocks are space savers. Two independent feedthrough circuits are placed in one insulated housing on one level in just 5.2 mm. This achieves a width of just 2.6 mm versus standard through terminal blocks. Input and output of a circuit are placed on the same side of the terminal block. Both circuits can be individually marked according to input and output.

PUSH-IN CAGE CLAMP®

Through Terminal Block, Ground Conductor Terminal Block, Shield Conductor Terminal Block, TOPJOB® S

2.5 (4) mm²; 2002 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A)	600 V, 20 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 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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.
550 V; 22 A
20 A jumper

Please observe the application notes:
Separator for Ex e/Ex i applications, see page 43
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

3-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2002-6301 ❹	100
blue	2002-6304 ❸ ❹	100
orange	2002-6302 ❹	100
red	2002-6303 ❹	100
black	2002-6305 ❹	100
yellow	2002-6306 ❹	100

3-conductor ground terminal block

green-yellow	2002-6307 ❹	100

3-conductor shield terminal block

white	2002-6308	100

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 0.8 mm thick

orange	2002-6392	100 (25)
gray	2002-6391	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 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

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

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, light gray

2-way	2002-400	25

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

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

5-way	2002-415	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)

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)

L-type test plug module; snaps together

gray	2002-611	100 (25)

L-type spacer module; snaps together; bridges commoned terminal blocks

gray	2002-649	100 (25)

End plate; for modular test plug module; 1.5 mm thick

gray	2002-641	100 (25)

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

white	2009-115	1

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

Through Terminal Block, Ground Conductor Terminal Block TOPJOB® S
2.5 (4) mm²; 2002 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❶	600 V, 20 A
I_N 24 A (32 A)	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

4-conductor through terminal block Notice: This terminal block cannot be commoned with push-in type jumper bars!		
Color	Item No.	Pack. Unit
gray	2002-6401 ❹	100
blue	2002-6404 ❸ ❹	100
orange	2002-6402 ❹	100
red	2002-6403 ❹	100
black	2002-6405 ❹	100
yellow	2002-6406 ❹	100

4-conductor ground terminal block		
green-yellow	2002-6407 ❹	100

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 0.8 mm thick			
	orange	2002-6392	100 (25)
	gray	2002-6391	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)

WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 … 5.2 mm stretchable			
	white	2009-115	1

Marking strip; plain; 11 mm wide; 50 m reel			
	white	2009-110	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 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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.
550 V; 22 A
20 A jumper

Please observe the application notes:
Separator for Ex e/Ex i applications, see page 43
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

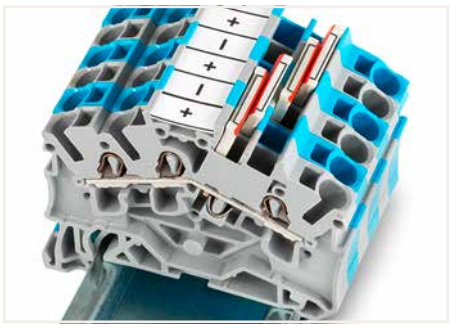
Appropriate marking systems:
WMB/WMB Inline/Marking strips

WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable			
	plain	793-5501	5

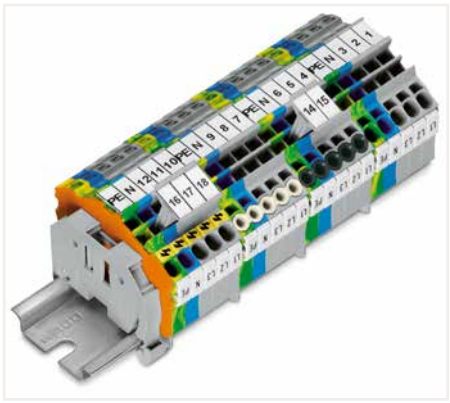
WMB marking card; plain; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable			
	yellow	793-5501/000-002	5
	red	793-5501/000-005	5
	blue	793-5501/000-006	5
	gray	793-5501/000-007	5
	orange	793-5501/000-012	5
	light green	793-5501/000-017	5
	green	793-5501/000-023	5
	violet	793-5501/000-024	5

Screwless end stop; for DIN-35 rail; 6 mm wide			
	gray	249-116	100 (25)

Screwless end stop; for DIN-35 rail; 10 mm wide			
	gray	249-117	50 (25)



3- and 4-conductor terminal blocks (angled type):
WAGO’s Rail-Mount Terminal Blocks TOPJOB® S have a 35-degree conductor entry angle permitting a very small bend radius and an extremely short wiring distance to the cable duct. These are space- and cost-saving solutions for switchgear and control cabinet applications that use the LSC wiring system from Lütze. The design allows cable duct to be placed very close to the terminal blocks, keeping its height relatively low.

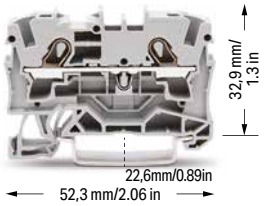


Product features:
- Push-in CAGE CLAMP® connection for all conductor types, with the additional benefit of solid, stranded and fine-stranded conductors with ferrules being simply pushed in
- Vibration-proof, fast, maintenance-free
- 3-conductor through and ground conductor terminal blocks equipped with a dual jumper slot
- 4-conductor terminal blocks permit potential multiplication – no additional jumpers or terminal blocks needed
- 3- and 4-conductor terminal blocks have the same dimensions.
- An end plate must be applied when changing from a 3-conductor terminal block to a 4-conductor terminal block and vice versa.

Through Terminal Block, Ground Conductor Terminal Block, Shield Conductor Terminal Block TOPJOB® S

4 (6) mm²; 2004 Series

Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
800 V/8 kV/3 ❷	600 V, 30 A
I_N 32 A (41 A)	600 V, 30 A
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	



2-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2004-1201 ❹	50
blue	2004-1204 ❸ ❹	50
orange	2004-1202 ❹	50
red	2004-1203 ❹	50
black	2004-1205 ❹	50
yellow	2004-1206 ❹	50

2-conductor ground terminal block

green-yellow	2004-1207 ❹	50

Other terminal blocks with the same profile:

Diode	2004-1211/1000-401	Page 134

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2004-1292	100 (25)
gray	2004-1291	100 (25)

Separator; oversized; 2 mm thick

orange	2004-1294	100 (25)
gray	2004-1293	100 (25)

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

90 mm	209-190	50 (25)
120 mm	209-191	50 (25)

Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
800 V/8 kV/3 ❷	600 V, 30 A
I_N 32 A (41 A)	600 V, 30 A
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	

3-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2004-1301 ❹	50
blue	2004-1304 ❸ ❹	50
orange	2004-1302 ❹	50
red	2004-1303 ❹	50
black	2004-1305 ❹	50
yellow	2004-1306 ❹	50

3-conductor ground terminal block

green-yellow	2004-1307 ❹	50

Other terminal blocks with the same profile:

Diode	2004-1311/1000-401	Page 134

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2004-1392	100 (25)
gray	2004-1391	100 (25)

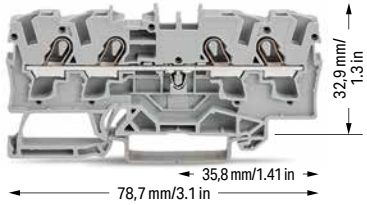
Separator; oversized; 2 mm thick

orange	2004-1394	100 (25)
gray	2004-1393	100 (25)

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

120 mm	209-191	50 (25)

Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
800 V/8 kV/3 ❷	600 V, 30 A
I_N 32 A (41 A)	600 V, 30 A
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	



4-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2004-1401 ❹	50
blue	2004-1404 ❸ ❹	50
orange	2004-1402 ❹	50
red	2004-1403 ❹	50
black	2004-1405 ❹	50
yellow	2004-1406 ❹	50

4-conductor ground terminal block

green-yellow	2004-1407 ❹	50

4-conductor shield terminal block

white	2004-1408	50

Other terminal blocks with the same profile:

Diode	2004-1411/1000-401	Page 134

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2004-1492	100 (25)
gray	2004-1491	100 (25)

Separator; oversized; 2 mm thick

orange	2004-1494	100 (25)
gray	2004-1493	100 (25)

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

120 mm	209-191	50 (25)

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)

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

yellow	2004-115	100 (25)

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

1-2 3-4 5-6	2004-406/020-000	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

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

1-3-5	2004-405/011-000	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

Step-down jumper; insulated; commons 6/4 mm² (10/12 AWG) to 4/2.5/1.5 mm² (12/14/16 AWG); I_N 32 A

light gray	2006-499	25

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 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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.
550 V; 30 A

Please observe the application notes:
Separator for Ex e/Ex i applications, see page 43
Step-down jumpers, see page 47
Jumpers, from page 163
Testing accessories, from page 156
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2004 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Modular connector; snaps together; for jumper contact slot

gray	**2004-511**	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	**2004-549**	100 (25)

End plate; for modular connector; 1.5 mm thick

gray	**2004-541**	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	**2009-174**	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

Testing tap; for max. 2.5 mm²

gray	**2009-182**	100 (25)

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

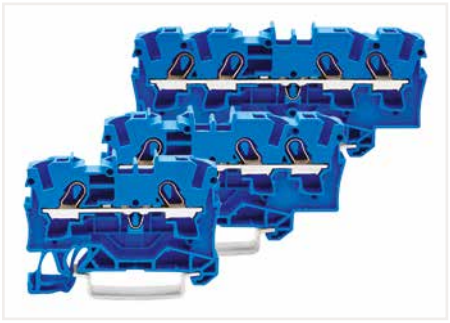
white	**2009-110**	1

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

plain	**793-5501**	5

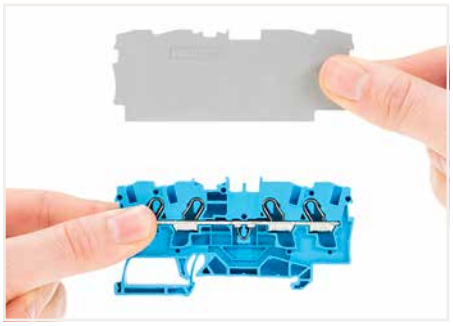
Group marker carrier; snap-on type for jumper slot; 5 mm wide

gray	**2009-191**	50 (25)



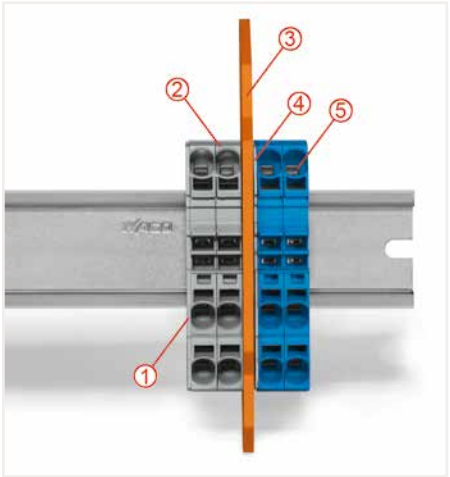
Through terminal blocks with a blue insulated housing are suitable for Ex i applications.

All through and ground conductor terminal blocks are suitable for Ex e II applications.



Separator for Ex e/Ex i applications:
An end plate must be applied to the terminal block located directly behind an Ex e/Ex i separator plate.

Ex e II/Ex i terminal strip
Notice:
The movable feet of terminal blocks and separator plates must face the same direction.



Separator located between Ex e II and Ex i terminal strip
① **End plate**
② **Ex e II terminal blocks**
③ **Separator for Ex e/Ex i applications**
④ **End plate**
⑤ **Ex i terminal blocks**

Example of marking (rear):
The embossed details on the terminal blocks show the manufacturer’s name, the series no., the type of protection Ex e II, the approval no., the approval data and the name of the testing authority.

PUSH-IN CAGE CLAMP®

Through Terminal Block, Ground Conductor Terminal Block, Shield Conductor Terminal Block TOPJOB® S

6 (10) mm²; 2006 Series

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
800 V/8 kV/3 ❷	600 V, 50 A
I_N 41 A (57 A)	600 V, 50 A
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	

2-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2006-1201 ❹	50
blue	2006-1204 ❸ ❹	50
orange	2006-1202 ❹	50

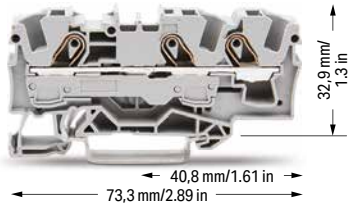
2-conductor ground terminal block

Color	Item No.	Pack. Unit
green-yellow	2006-1207 ❹	50

2-conductor shield terminal block

Color	Item No.	Pack. Unit
white	2006-1208	50

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
800 V/8 kV/3 ❷	600 V, 50 A
I_N 41 A (57 A)	600 V, 50 A
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	



3-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2006-1301 ❹	25
blue	2006-1304 ❸ ❹	25
orange	2006-1302 ❹	25
black	2006-1305 ❹	25

3-conductor ground terminal block

Color	Item No.	Pack. Unit
green-yellow	2006-1307 ❹	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

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.
550 V; 38 A; for 2-conductor terminal blocks
550 V; 36 A; for 3-conductor terminal blocks
33 A jumper

Please observe the application notes:
Separator for Ex e/Ex i applications, see page 43
Step-down jumpers, see page 47
Jumpers, from page 163
Testing accessories, from page 156
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Cover (2006-191) seals unused conductor entry.

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2006-1292	100 (25)
gray	2006-1291	100 (25)

Separator; oversized; 2 mm thick

orange	2006-1294	100 (25)
gray	2006-1293	100 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2006-1392	100 (25)
gray	2006-1391	100 (25)

Separator; oversized; 2 mm thick

orange	2006-1394	100 (25)
gray	2006-1393	100 (25)

Accessories; 2006 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

120 mm	209-191	50 (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

Step-down jumper; insulated; commons 6/4 mm² (10/12 AWG) to 4/2.5/1.5 mm² (12/14/16 AWG); I_N 32 A

light gray	2006-499	25

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

yellow	2006-115	100 (25)

Lockout cap; for conductor entry and operating slot

gray	2006-191	25

Modular connector; snaps together; for jumper contact slot

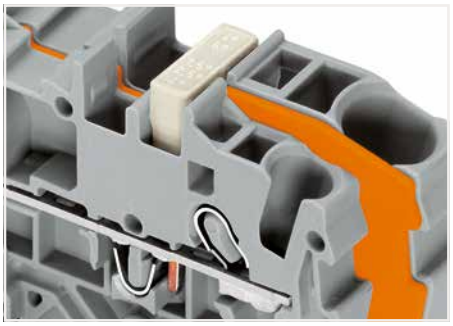
gray	2006-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

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

white	2009-110	1



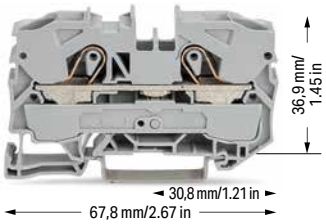
Commoning with step-down jumpers.

PUSH-IN CAGE CLAMP®

Through Terminal Block, Ground Conductor Terminal Block, Shield Conductor Terminal Block TOPJOB® S

10 (16) mm²; 2010 Series

Technical Data	
0.5 … 10 (16) mm² ❶	20 … 6 AWG
800 V/8 kV/3 ❷	600 V, 65 A
I_N 57 A (76 A)	600 V, 65 A
Terminal block width: 10 mm / 0.394 inch	
17 … 19 mm / 0.67 … 0.75 inch	



2-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2010-1201 ❹	25
blue	2010-1204 ❸ ❹	25
orange	2010-1202 ❹	25
black	2010-1205 ❹	25

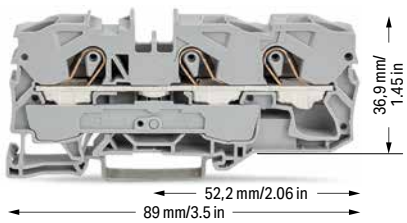
2-conductor ground terminal block

Color	Item No.	Pack. Unit
green-yellow	2010-1207 ❹	25

2-conductor shield terminal block

Color	Item No.	Pack. Unit
white	2010-1208	25

Technical Data	
0.5 … 10 (16) mm² ❶	20 … 6 AWG
800 V/8 kV/3 ❷	600 V, 65 A
I_N 57 A (76 A)	600 V, 65 A
Terminal block width: 10 mm / 0.394 inch	
17 … 19 mm / 0.67 … 0.75 inch	



3-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2010-1301 ❹	25
blue	2010-1304 ❸ ❹	25
orange	2010-1302 ❹	25
black	2010-1305 ❹	25

3-conductor ground terminal block

Color	Item No.	Pack. Unit
green-yellow	2010-1307 ❹	25

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2010-1292	100 (25)
gray	2010-1291	100 (25)

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

120 mm	209-191	50 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2010-1392	100 (25)
gray	2010-1391	100 (25)

Accessories; 2010 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Push-in type jumper bar; insulated; I_N 57 A; light gray

2-way	2010-402	25
3-way	2010-403	25
4-way	2010-404	25
5-way	2010-405	25

Push-in type jumper bar; insulated; I_N 57 A; light gray

1 to 3	2010-433	25
1 to 4	2010-434	25
1 to 5	2010-435	25

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

1-3-5	2010-405/011-000	25

Step-down jumper; insulated; commons 16/10 mm² (8/10 AWG) to 10/6/4/2.5 mm² (8/10/12/14 AWG); I_N 57 A

light gray	2016-499	25

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

yellow	2010-115	100 (25)

Finger guard; touch-proof cover protects unused conductor entries

yellow	2010-100	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2010-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	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

❶ Conductor range: 0.5 … 16 mm² "s+f-st"; Push-in termination: 4 … 16 mm² "s" and 4 … 10 mm² "insulated ferrules; 18 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

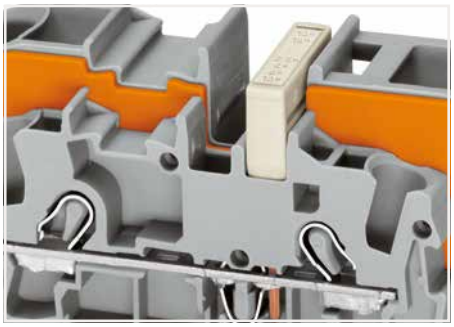
❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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.
550 V; 51 A; for 2-conductor terminal blocks
550 V; 50 A; for 3-conductor terminal blocks

Please observe the application notes:
Separator for Ex e/Ex i applications, see page 43
Step-down jumpers, see page 47
Jumpers, from page 163
Testing accessories, from page 156
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com



Commoning with step-down jumpers.

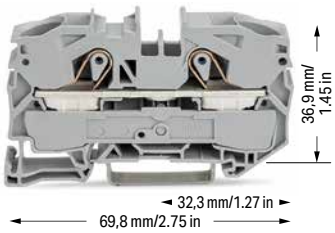
PUSH-IN CAGE CLAMP®

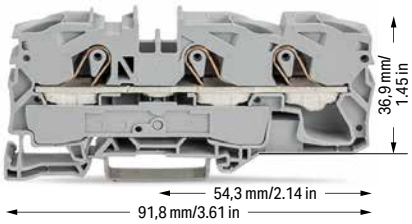
Through Terminal Block, Ground Conductor Terminal Block, Shield Conductor Terminal Block TOPJOB® S

16 (25 “f-st”) mm²; 2016 Series

Technical Data	
0.5 … 16 (25 “f-st”) mm² ❶	20 … 4 AWG
800 V/8 kV/3 ❷	600 V, 85 A
I_N 76 A (90 A)	600 V, 80 A
Terminal block width: 12 mm / 0.472 inch	
18 … 20 mm / 0.71 … 0.79 inch	

Technical Data	
0.5 … 16 (25 “f-st”) mm² ❶	20 … 4 AWG
800 V/8 kV/3 ❷	600 V, 85 A
I_N 76 A (90 A)	600 V, 80 A
Terminal block width: 12 mm / 0.472 inch	
18 … 20 mm / 0.71 … 0.79 inch	





2-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2016-1201 ❹	20
blue	2016-1204 ❸ ❹	20
orange	2016-1202 ❹	20
red	2016-1203 ❹	20

3-conductor through terminal block

Color	Item No.	Pack. Unit
gray	2016-1301 ❹	20
blue	2016-1304 ❸ ❹	20
orange	2016-1302 ❹	20
red	2016-1303 ❹	20
black	2016-1305 ❹	20
yellow	2016-1306 ❹	20

2-conductor ground terminal block
15 mm high DIN-35 rails shall be used for a current load higher than 76 A!

green-yellow	2016-1207 ❹	20

3-conductor ground terminal block
15 mm high DIN-35 rails shall be used for a current load higher than 76 A!

green-yellow	2016-1307 ❹	20

2-conductor shield terminal block
15 mm high DIN-35 rails shall be used for a current load higher than 76 A!

white	2016-1208	20

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2016-1292	100 (25)
gray	2016-1291	100 (25)

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

120 mm	209-191	50 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2016-1392	100 (25)
gray	2016-1391	100 (25)

Accessories; 2016 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Push-in type jumper bar; insulated; I_N 76 A; light gray

2-way	2016-402	25
3-way	2016-403	25
4-way	2016-404	25
5-way	2016-405	25

Push-in type jumper bar; insulated; I_N 76 A; light gray

1 to 3	2016-433	25
1 to 4	2016-434	25
1 to 5	2016-435	25

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

1-3-5	2016-405/011-000	25

Step-down jumper; insulated; commons 16/10 mm² (8/10 AWG) to 10/6/4/2.5 mm² (8/10/12/14 AWG); I_N 57 A

light gray	2016-499	25

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

yellow	2016-115	100 (25)

Finger guard; touch-proof cover protects unused conductor entries

yellow	2016-100	100 (25)

Modular connector; snaps together; for jumper contact slot

gray	2016-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

❶ Conductor range: 0.5 … 16 mm² “s+f-st”, 25 mm² “f-st”;
Push-in termination: 6 … 16 mm² “s” and 6 … 16 mm² “insulated ferrules; 18 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

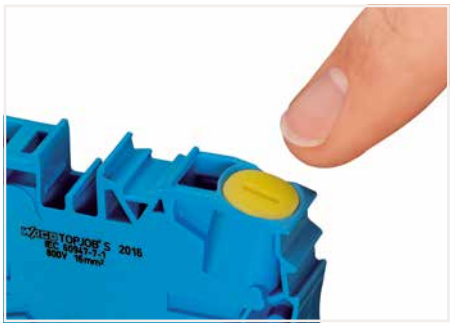
❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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.
550 V; 70 A; for 2-conductor terminal blocks
550 V; 67 A; for 3-conductor terminal blocks
65 A jumper

Please observe the application notes:
Separator for Ex e/Ex i applications, see page 43
Step-down jumpers, see page 47
Jumpers, from page 163
Testing accessories, from page 157
Marking, from page 246

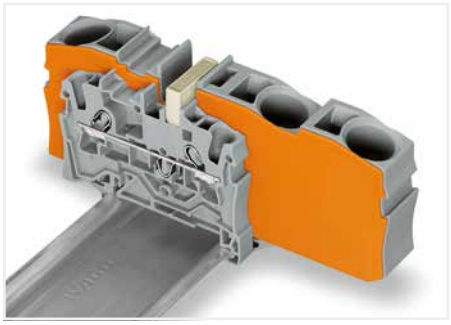
Approvals and corresponding ratings, visit www.wago.com



Finger guard seals an unused conductor entry.

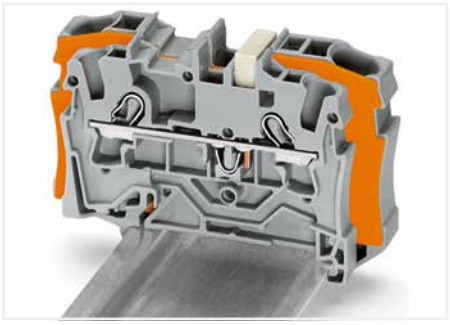
Step-Down Jumpers TOPJOB® S
Installation

Step-down jumpers (2006-499 and 2016-499)

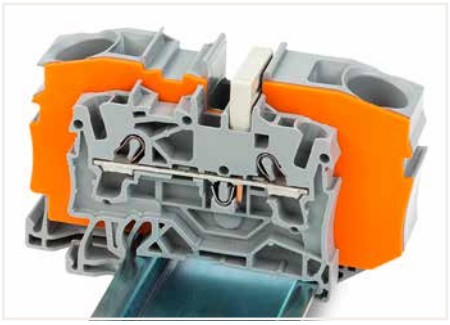


Step-down jumpers common terminal blocks of different sizes, without losing a conductor clamping point. This can be beneficial on long conductor runs where voltage drop can be a problem. A large conductor can be easily connected to smaller conductors at the distribution point. Commoning may be made in either direction using the special thin end plate to cover the open side. Additional through terminal blocks having a smaller cross-section may be commoned using push-in type jumper bars.

Using step-down jumpers, an end plate must be inserted between the terminal blocks to be commoned.

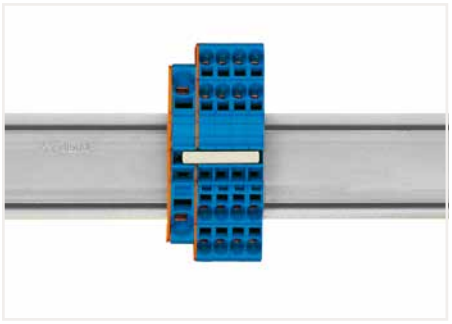


Step-down jumper (2006-499) commons 6/4 mm² (10/12 AWG) terminal blocks (2006/2004 Series) with 4/2.5/1.5 mm² (AWG 12/14/16) terminal blocks (2004/2002/2001 Series).



Step-down jumper (2016-499) commons 16/10 mm² (16/8 AWG) terminal blocks (2016/2010 Series) with 10/6/4/2.5 mm² (8/10/12/14 AWG) terminal blocks (2010/2006/2004/2002 Series).

Stepping down via push-in type jumper bar:
Commoning via open terminal side with end plate allows jumpering over two cross-section sizes for 16 mm² (6 AWG) and 10 mm² (8 AWG) and one cross-section size for 6/4/2.5 mm² (10/12/14 AWG). An example: from 16 mm² (6 AWG) to 6 mm² (10 AWG) (see illustration above) or from 10 mm² (8 AWG) to 4 mm² (12 AWG).



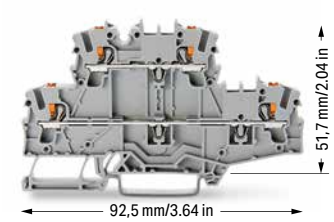
Stepping down via push-in type jumper bar:
Commoning via closed terminal side with end plate allows jumpering over two cross-section sizes, e.g., from 16 mm² (6 AWG) to 6 mm² (10 AWG) or from 6 mm² (10 AWG) to 2.5 mm² (14 AWG) (see illustration above).

Note:
The total current of the outgoing circuits must not exceed the nominal current of the step-down jumper/push-in type jumper bar.

Double-Deck Terminal Block TOPJOB® S; with Push-Button; with Vertical Conductor Entry
2.5 (4) mm²; 2202 Series

Technical Data

0.25 … 2.5 (4) mm² ❶ | 22 … 12 AWG
800 V/8 kV/3 ❷
I_N 24 A
Terminal block width: 5.2 mm / 0.205 inch
10 … 12 mm / 0.39 … 0.47 inch

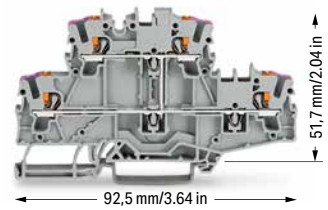


Double-deck terminal block; with push-button; Through/through terminal block; with vertical conductor entry; without marker carrier; gray

	Item No.	Pack. Unit
L/L	2202-2701	50
N/L	2202-2702	50
L/N	2202-2703	50

Double-deck terminal block; with push-button; Through/through terminal block; with vertical conductor entry; without marker carrier; blue

N/N	2202-2704 ❸	50



Double-deck terminal block; with push-button; 4-conductor through terminal block; with vertical conductor entry; without marker carrier; Internally commoned; violet conductor entry; gray

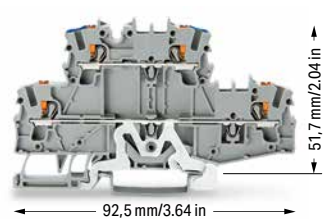
	Item No.	Pack. Unit
L	2202-2708	50

Double-deck terminal block; with push-button; 4-conductor through terminal block; with vertical conductor entry; without marker carrier; Internally commoned; violet conductor entry; blue

N	2202-2709 ❸	50

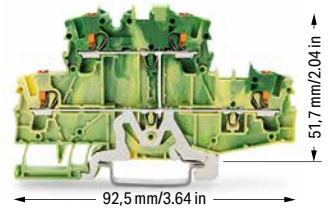
Technical Data

0.25 … 2.5 (4) mm² ❶ | 22 … 12 AWG
800 V/8 kV/3 ❷
I_N 24 A
Terminal block width: 5.2 mm / 0.205 inch
10 … 12 mm / 0.39 … 0.47 inch



Double-deck terminal block; with push-button; Ground conductor/through terminal block; with vertical conductor entry; without marker carrier; gray

	Item No.	Pack. Unit
GND/N	2202-2717	50
GND/L	2202-2727	50



Double-deck terminal block; with push-button; 4-conductor ground terminal block; with vertical conductor entry; without marker carrier; Internally commoned; green-yellow

	Item No.	Pack. Unit
GND	2202-2707	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 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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

Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 0.8 mm thick

orange	2002-2792	100 (25)
gray	2002-2791	100 (25)

Double-deck marker carrier; pivoting

gray	2002-121	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

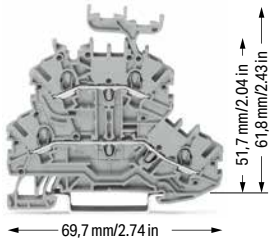
1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Double-deck vertical jumper; insulated; I_N 24 A

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

Double-Deck Terminal Block TOPJOB® S
1 (1.5) mm²; 2000 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	600 V, 10 A
I_N 13.5 A (16 A)	
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

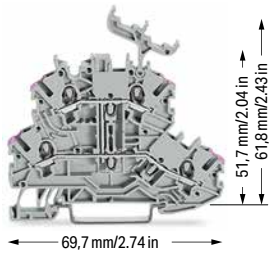


Double-deck terminal block; through/through terminal block; with marker carrier; gray

	Item No.	Pack. Unit
L/L	2000-2231	50
N/L	2000-2232	50
L/N	2000-2233	50

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

	Item No.	Pack. Unit
L/L	2000-2201	50
N/L	2000-2202	50
L/N	2000-2203	50



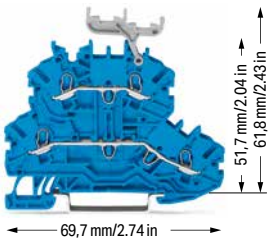
Double-deck terminal block; 4-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2000-2238	50

Double-deck terminal block; 4-conductor through terminal block; without marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2000-2208	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	600 V, 10 A
I_N 13.5 A (16 A)	
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

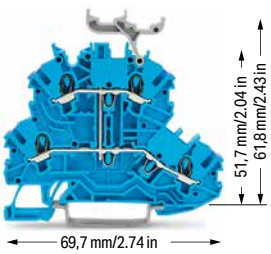


Double-deck terminal block; through/through terminal block; with marker carrier; blue

	Item No.	Pack. Unit
N/N	2000-2234 ❸	50

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

	Item No.	Pack. Unit
N/N	2000-2204 ❸	50



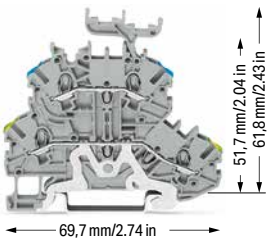
Double-deck terminal block; 4-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2000-2239 ❸	50

Double-deck terminal block; 4-conductor through terminal block; without marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2000-2209 ❸	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	600 V, 10 A
I_N 13.5 A (16 A)	
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

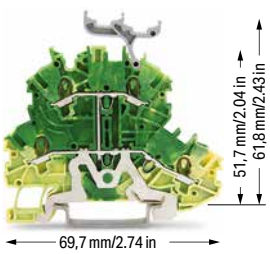


Double-deck terminal block; ground conductor/through terminal block; with marker carrier; blue

	Item No.	Pack. Unit
PE/N	2000-2247	50
PE/L	2000-2257	50

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

	Item No.	Pack. Unit
PE/N	2000-2217	50
PE/L	2000-2227	50



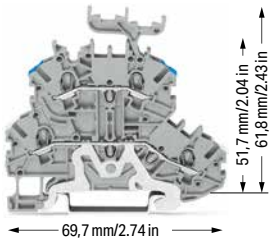
Double-deck terminal block; 4-conductor ground terminal block; with marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2000-2237	50

Double-deck terminal block; 4-conductor ground terminal block; without marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2000-2207	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	600 V, 10 A
I_N 13.5 A (16 A)	
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 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 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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

Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Double-deck marker carrier; shield/through terminal block; with marker carrier; gray

	Item No.	Pack. Unit
Shield/N	2000-2248	50
Shield/L	2000-2258	50

Double-deck terminal block; shield/through terminal block; without marker carrier; gray

	Item No.	Pack. Unit
Shield/N	2000-2218	50
Shield/L	2000-2228	50

Accessories; 2000 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 0.7 mm thick

orange	2000-2292	25
gray	2000-2291	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

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 vertical jumper; insulated; I_N 13.5 A

light gray	2000-492	100 (25)

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

yellow	2000-115	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

Testing tap; for max. 2.5 mm²

gray	2009-182	100 (25)

Accessories; 2000 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

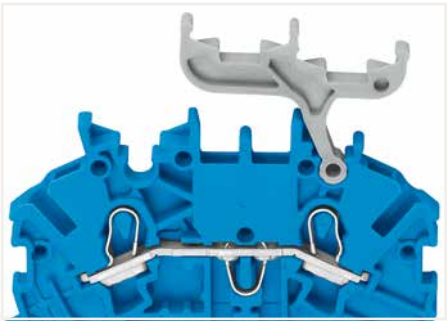
plain	793-3501	5

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

white	2009-110	1

Double-deck marker carrier; pivoting

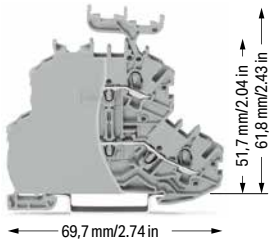
gray	2000-121	50 (25)



Double-deck terminal blocks:
A double-deck marker carrier (2000-121) can be retrofitted to double-deck terminal blocks without a marker carrier.

Double-Deck Terminal Block TOPJOB® S; with End Plate; 800 V
1 (1.5) mm²; 2000 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
800 V/8 kV/3 ❷	600 V, 10 A
I_N 13.5 A (16 A)	
Terminal block width: 4.2 mm / 0.165 inch	
9 … 11 mm / 0.35 … 0.43 inch	



Double-deck terminal block; through/through terminal block; with end plate; with marker carrier; gray

	Item No.	Pack. Unit
L/L	2000-2231/099-000	50
N/L	2000-2232/099-000	50
L/N	2000-2233/099-000	50

Double-deck terminal block; through/through terminal block; with end plate; without marker carrier; gray

	Item No.	Pack. Unit
L/L	2000-2201/099-000	50
N/L	2000-2202/099-000	50
L/N	2000-2203/099-000	50

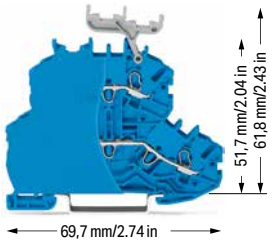
Double-deck terminal block; 4-conductor through terminal block; with end plate; with marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2000-2238/099-000	50

Double-deck terminal block; 4-conductor through terminal block; with end plate; without marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2000-2208/099-000	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
800 V/8 kV/3 ❷	600 V, 10 A
I_N 13.5 A (16 A)	
Terminal block width: 4.2 mm / 0.165 inch	
9 … 11 mm / 0.35 … 0.43 inch	



Double-deck terminal block; through/through terminal block; with end plate; with marker carrier; blue

	Item No.	Pack. Unit
N/N	2000-2234/099-000 ❸	50

Double-deck terminal block; through/through terminal block; with end plate; without marker carrier; blue

	Item No.	Pack. Unit
N/N	2000-2204/099-000 ❸	50

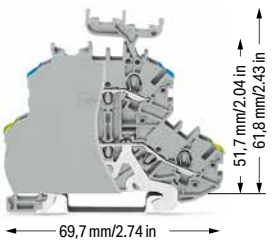
Double-deck terminal block; 4-conductor through terminal block; with end plate; with marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2000-2239/099-000 ❸	50

Double-deck terminal block; 4-conductor through terminal block; with end plate; without marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2000-2209/099-000 ❸	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
800 V/8 kV/3 ❷	600 V, 10 A
I_N 13.5 A (16 A)	
Terminal block width: 4.2 mm / 0.165 inch	
9 … 11 mm / 0.35 … 0.43 inch	



Double-deck terminal block; ground conductor/through terminal block; with end plate; with marker carrier; gray

	Item No.	Pack. Unit
PE/N	2000-2247/099-000	50
PE/L	2000-2257/099-000	50

Double-deck terminal block; ground conductor/through terminal block; with end plate; without marker carrier; gray

	Item No.	Pack. Unit
PE/N	2000-2217/099-000	50
PE/L	2000-2227/099-000	50

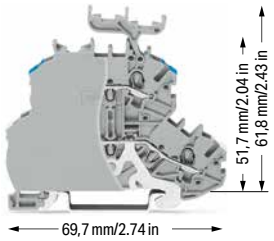
Double-deck terminal block; 4-conductor ground terminal block; with end plate; with marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2000-2237/099-000	50

Double-deck terminal block; 4-conductor ground terminal block; with end plate; without marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2000-2207/099-000	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
800 V/8 kV/3 ❷	600 V, 10 A
I_N 13.5 A (16 A)	
Terminal block width: 4.2 mm / 0.165 inch	
9 … 11 mm / 0.35 … 0.43 inch	



Double-deck terminal block; shield/through terminal block; with end plate; with marker carrier; gray

	Item No.	Pack. Unit
Shield/N	2000-2248/099-000	50
Shield/L	2000-2258/099-000	50

Double-deck terminal block; shield/through terminal block; with end plate; without marker carrier; gray

Shield/N	2000-2218/099-000	50
Shield/L	2000-2228/099-000	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 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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

Please observe the application notes:
Jumpers, from page 165
Testing accessories, page 159
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2000 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 0.7 mm thick

orange	2000-2292	25
gray	2000-2291	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

Double-deck vertical jumper; insulated; I_N 13.5 A

light gray	2000-492	100 (25)

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

yellow	2001-115	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

Testing tap; for max. 2.5 mm²

gray	2009-182	100 (25)

Accessories; 2000 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

WMB marking card; plain; 10 strips with 10 markers/card; 4 … 4.2 mm stretchable

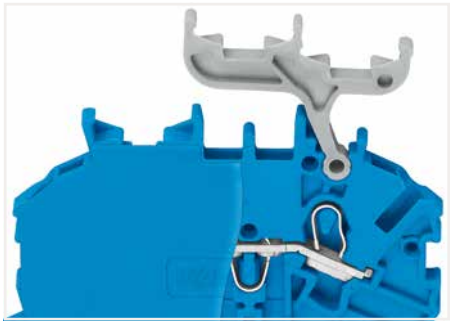
yellow	793-4501/000-002	5
red	793-4501/000-005	5
blue	793-4501/000-006	5
gray	793-4501/000-007	5
orange	793-4501/000-012	5
light green	793-4501/000-017	5
green	793-4501/000-023	5
violet	793-4501/000-024	5

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

white	2009-110	1

Double-deck marker carrier; pivoting

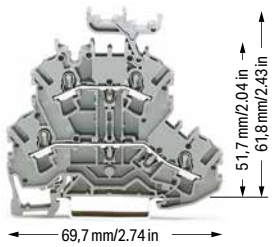
gray	2000-121	50 (25)



Double-deck terminal blocks:
A double-deck marker carrier (2000-121) can be retrofitted to double-deck terminal blocks without a marker carrier.

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

Technical Data	
0.25 … 2.5 (4) mm² 1	22 … 12 AWG
500 V/6 kV/3 2	600 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	



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

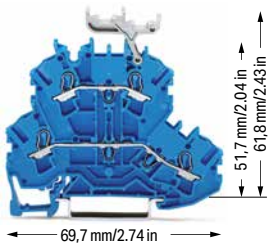
	Item No.	Pack. Unit
L/L	2002-2231 4	50
N/L	2002-2232 4	50
L/N	2002-2233 4	50

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

	Item No.	Pack. Unit
L/L	2002-2201 4	50
N/L	2002-2202 4	50
L/N	2002-2203 4	50

Other terminal blocks with the same profile:		
Diode	2002-2211/1000-410	Page 148
LED	2002-2221/1000-434	Page 148

Technical Data	
0.25 … 2.5 (4) mm² 1	22 … 12 AWG
500 V/6 kV/3 2	600 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	



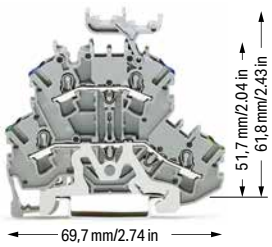
Double-deck terminal block; through/through terminal block; with marker carrier; blue

	Item No.	Pack. Unit
N/N	2002-2234 3 4	50

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

	Item No.	Pack. Unit
N/N	2002-2204 3 4	50

Technical Data	
0.25 … 2.5 (4) mm² 1	22 … 12 AWG
500 V/6 kV/3 2	600 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	

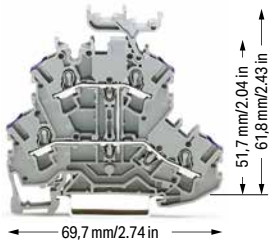


Double-deck terminal block; ground conductor/through terminal block; with marker carrier; blue

	Item No.	Pack. Unit
PE/N	2002-2247 4	50
PE/L	2002-2257 4	50

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

	Item No.	Pack. Unit
PE/N	2002-2217 4	50
PE/L	2002-2227 4	50

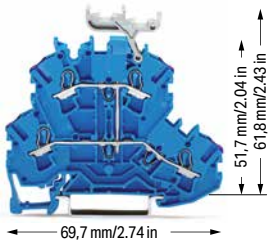


Double-deck terminal block; 4-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2002-2238 4	50

Double-deck terminal block; 4-conductor through terminal block; without marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2002-2208 4	50

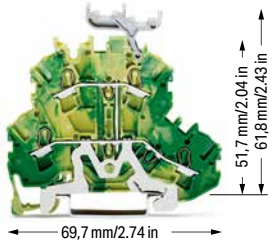


Double-deck terminal block; 4-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2002-2239 3 4	50

Double-deck terminal block; 4-conductor through terminal block; without marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2002-2209 3 4	50



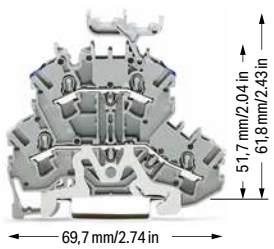
Double-deck terminal block; 4-conductor ground terminal block; with marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2002-2237 4	50

Double-deck terminal block; 4-conductor ground terminal block; without marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2002-2207 4	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
500 V/6 kV/3 ❷	600 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	



Double-deck terminal block; shield/through terminal block; with marker carrier; gray		
	Item No.	Pack. Unit
Shield/N	2002-2248	50
Shield/L	2002-2258	50

Double-deck terminal block; shield/through terminal block; without marker carrier; gray		
Shield/N	2002-2218	50
Shield/L	2002-2228	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

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; 20 A
18 A jumper

Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

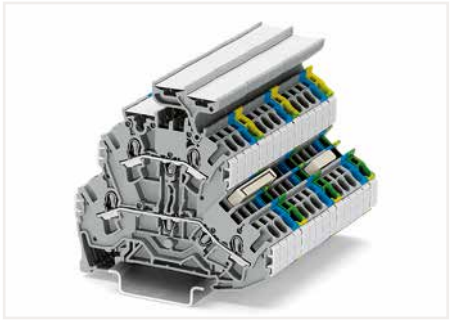
Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 0.8 mm thick			
	orange	2002-2292	100 (25)
	gray	2002-2291	100 (25)
Ex e/Ex i separator; orange; 3 mm thick			
	125.5 mm	209-192	50 (25)
Separator plate; oversized upper deck; snap-on type; 2 mm thick			
	orange	2002-2296	100 (25)
	gray	2002-2295	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

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Double-deck vertical jumper; insulated; I_N 24 A			
	light gray	2002-492	100 (25)
	orange	2002-492/000-012	100 (25)
Double-deck marker carrier; pivoting			
	gray	2002-121	50 (25)

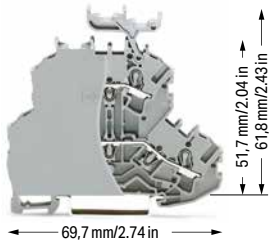


Double-deck terminal block assembly

Both ground and shield conductor terminal blocks have a contact foot in the bottom level, automatically establishing direct contact to the DIN-rail or busbar.
The flexible double-deck marker carrier, which is placed above the wiring level, can be pushed aside during wiring. The carrier has two staggered levels for WMB markers that perfectly align with the terminal block decks.
With a terminal block width of just 5.2 mm, an effective width of just 2.6 mm for terminal blocks of same or different potentials can be realized for conductors ranging 0.25 mm² … 4 mm² (22 … 12 AWG).
Shielded control cables are becoming an increasingly common solution to external signal interference.
Front-entry shield conductor terminal blocks are ideal for connecting braided cables. Like front-entry ground conductor terminal blocks, they are equipped with a grounding foot for direct electrical connection to the rail, however they differ significantly by their white insulated housing.
Shield conductor terminal blocks for front-entry wiring can be directly mounted beside signal-conductor terminal blocks, providing excellent deflection of interfering signals.

Double-Deck Terminal Block TOPJOB® S; with End Plate; 800 V
2.5 (4) mm²; 2002 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	600 V, 20 A
I_N 24 A	600 V, 20 A
Terminal block width: 6.2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Double-deck terminal block; through/through terminal block; with end plate; with marker carrier; gray

	Item No.	Pack. Unit
L/L	2002-2231/099-000	50
N/L	2002-2232/099-000	50
L/N	2002-2233/099-000	50

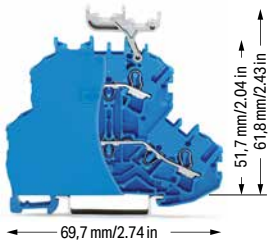
Double-deck terminal block; through/through terminal block; with end plate; without marker carrier; gray

	Item No.	Pack. Unit
L/L	2002-2201/099-000	50
N/L	2002-2202/099-000	50
L/N	2002-2203/099-000	50

Other terminal blocks with the same profile:

Diode	2002-2211/1000-410	Page 148
LED	2002-2221/1000-434	Page 148

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	600 V, 20 A
I_N 24 A	600 V, 20 A
Terminal block width: 6.2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	



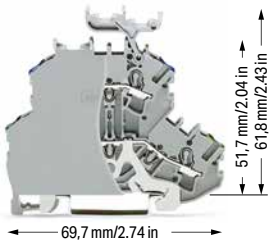
Double-deck terminal block; through/through terminal block; with end plate; with marker carrier; blue

	Item No.	Pack. Unit
N/N	2002-2234/099-000 ❸	50

Double-deck terminal block; through/through terminal block; with end plate; without marker carrier; blue

	Item No.	Pack. Unit
N/N	2002-2204/099-000 ❸	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	600 V, 20 A
I_N 24 A	600 V, 20 A
Terminal block width: 6.2 mm / 0.244 inch	
10 … 12 mm / 0.39 … 0.47 inch	

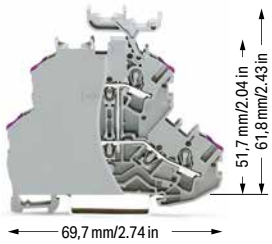


Double-deck terminal block; ground conductor/through terminal block; with end plate; with marker carrier; gray

	Item No.	Pack. Unit
PE/N	2002-2247/099-000	50
PE/L	2002-2257/099-000	50

Double-deck terminal block; ground conductor/through terminal block; with end plate; without marker carrier; gray

	Item No.	Pack. Unit
PE/N	2002-2217/099-000	50
PE/L	2002-2227/099-000	50

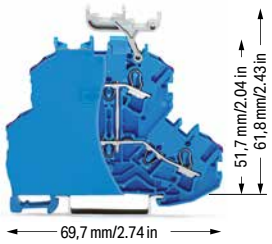


Double-deck terminal block; 4-conductor through terminal block; with end plate; with marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2002-2238/099-000	50

Double-deck terminal block; 4-conductor through terminal block; with end plate; without marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2002-2208/099-000	50

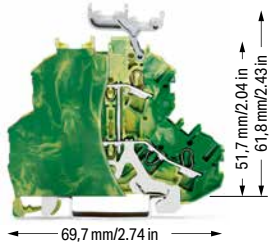


Double-deck terminal block; 4-conductor through terminal block; with end plate; with marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2002-2239/099-000 ❸	50

Double-deck terminal block; 4-conductor through terminal block; with end plate; without marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2002-2209/099-000 ❶	50



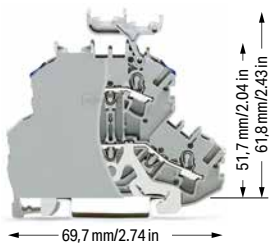
Double-deck terminal block; 4-conductor ground terminal block; with end plate; with marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2002-2237/099-000	50

Double-deck terminal block; 4-conductor ground terminal block; with end plate; without marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2002-2207/099-000	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	600 V, 20 A
I_N 24 A	600 V, 20 A
Terminal block width: 6.2 mm / 0.244 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 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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

Please observe the application notes:
Jumpers, from page 165
Testing accessories, page 159
Marking, from page 246

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

Double-deck terminal block; shield/through terminal block; with end plate; with marker carrier; gray

	Item No.	Pack. Unit
Shield/N	2002-2248/099-000	50
Shield/L	2002-2258/099-000	50

Double-deck terminal block; shield/through terminal block; with end plate; without marker carrier; gray

Shield/N	2002-2218/099-000	50
Shield/L	2002-2228/099-000	50

Accessories; 2002 Series

Appropriate marking systems:
WMB/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 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)

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

yellow	2002-115	100 (25)

Accessories; 2002 Series

Appropriate marking systems:
WMB/Marking strips

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

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

plain	793-5501	5

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

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

white	2009-110	1

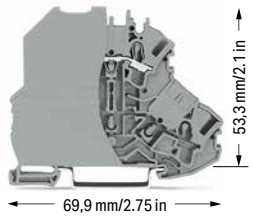
Double-deck marker carrier; pivoting

gray	2002-121	50 (25)

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

Technical Data

0.25 … 2.5 (4) mm² ❶ | 22 … 12 AWG
1000 VAC/DC / 1500 VDC / 12 kV / 3 ❷
I_N 24 A
Terminal block width: 7.2 mm / 0.283 inch
10 … 12 mm / 0.39 … 0.47 inch

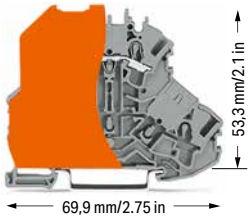


Double-deck terminal block; contact insert only on upper deck; gray separator plate; oversized; gray

	Item No.	Pack. Unit
◯ L	2002-2201/097-000	50

Technical Data

0.25 … 2.5 (4) mm² ❶ | 22 … 12 AWG
1000 VAC/DC / 1500 VDC / 12 kV / 3 ❷
I_N 24 A
Terminal block width: 7.2 mm / 0.283 inch
10 … 12 mm / 0.39 … 0.47 inch



Double-deck terminal block; contact insert only on upper deck; orange separator plate; oversized; gray

	Item No.	Pack. Unit
◯ L	2002-2201/098-000	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 1000 VAC/DC = rated voltage
1500 VDC
12 kV = rated impulse voltage
3 = pollution degree

Please observe the application notes:
Testing accessories, page 159
Marking, from page 246

A protective warning marker and an insulation stop must be applied individually.

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems: WMB/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)

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

yellow	2002-115	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

Testing tap; for max. 2.5 mm²

gray	2009-182	100 (25)

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

plain	793-5501	5

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

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

white	2009-110	1

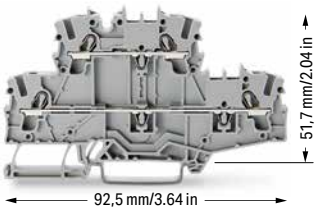
Double-deck marker carrier; pivoting

gray	2002-121	50 (25)

PUSH-IN CAGE CLAMP®

Double-Deck Terminal Block TOPJOB® S; with Vertical Conductor Entry
2.5 (4) mm²; 2002 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	
I_N 24 A (28 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

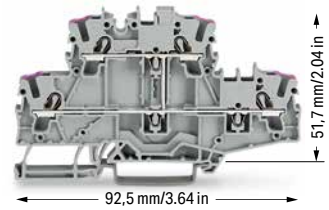


Double-deck terminal block; through/through terminal block; with vertical conductor entry; without marker carrier; gray

	Item No.	Pack. Unit
L/L	2002-2701 ❹	50
N/L	2002-2702 ❹	50
L/N	2002-2703 ❹	50

Double-deck terminal block; through/through terminal block; with vertical conductor entry; without marker carrier; blue

	Item No.	Pack. Unit
N/N	2002-2704 ❸ ❹	50



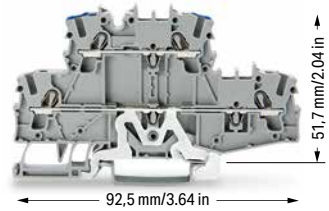
Double-deck terminal block; 4-conductor through terminal block; with vertical conductor entry; without marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2002-2708 ❹	50

Double-deck terminal block; 4-conductor through terminal block; with vertical conductor entry; without marker carrier; internally commoned; violet conductor entry; blue

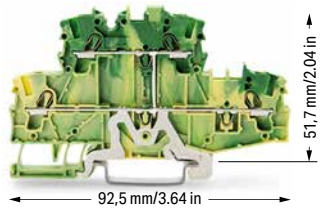
	Item No.	Pack. Unit
N	2002-2709 ❸ ❹	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	
I_N 24 A (28 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Double-deck terminal block; ground conductor/through terminal block; with vertical conductor entry; without marker carrier; gray

	Item No.	Pack. Unit
PE/N	2002-2717 ❹	50
PE/L	2002-2727 ❹	50



Double-deck terminal block; 4-conductor ground terminal block; with vertical conductor entry; without marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2002-2707	50
PE	2002-2707/999-950 ❹	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 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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; 20 A
18 A jumper

Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

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	2002-2792	100 (25)
gray	2002-2791	100 (25)

Double-deck marker carrier; pivoting

gray	2002-121	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

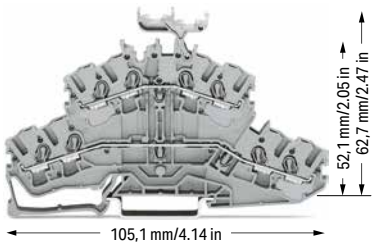
1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Double-deck vertical jumper; insulated; I_N 24 A

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

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

Technical Data	
0.25 … 2.5 (4) mm² 1	22 … 12 AWG
800 V/8 kV/3 2	600 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	

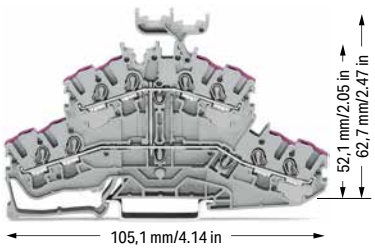


4-conductor double-deck terminal block; through/through terminal block; with marker carrier; gray

	Item No.	Pack. Unit
L/L	2002-2431 4	50
N/L	2002-2432 4	50
L/N	2002-2433 4	50

4-conductor double-deck terminal block; through/through terminal block; without marker carrier; gray

	Item No.	Pack. Unit
L/L	2002-2401 4	50
N/L	2002-2402 4	50
L/N	2002-2403 4	50



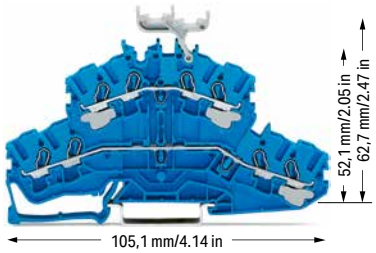
4-conductor double-deck terminal block; 8-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2002-2438 4	50

4-conductor double-deck terminal block; 8-conductor through terminal block; without marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2002-2408 4	50

Technical Data	
0.25 … 2.5 (4) mm² 1	22 … 12 AWG
800 V/8 kV/3 2	600 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	

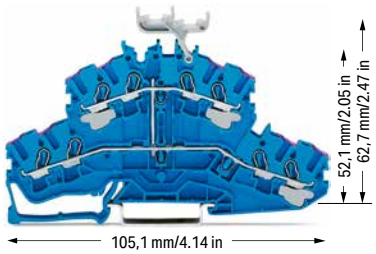


4-conductor double-deck terminal block; through/through terminal block; with marker carrier; blue

	Item No.	Pack. Unit
N/N	2002-2434 3 4	50

4-conductor double-deck terminal block; through/through terminal block; without marker carrier; blue

	Item No.	Pack. Unit
N/N	2002-2404 3 4	50



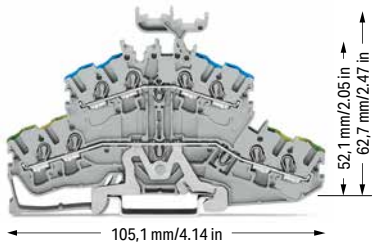
4-conductor double-deck terminal block; 8-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2002-2439 3 4	50

4-conductor double-deck terminal block; 8-conductor through terminal block; without marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2002-2409 3 4	50

Technical Data	
0.25 … 2.5 (4) mm² 1	22 … 12 AWG
800 V/8 kV/3 2	600 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	

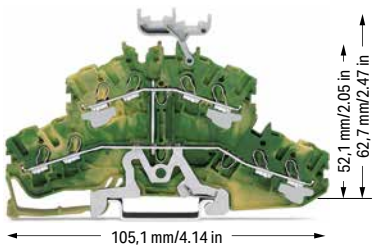


4-conductor double-deck terminal block; ground conductor/through terminal block; with marker carrier; gray

	Item No.	Pack. Unit
PE/N	2002-2447 4	50
PE/L	2002-2457 4	50

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

	Item No.	Pack. Unit
PE/N	2002-2417 4	50
PE/L	2002-2427 4	50



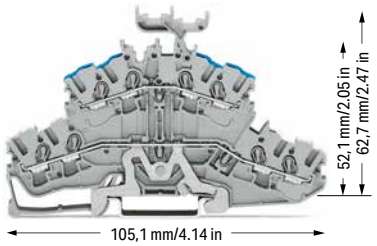
4-conductor double-deck terminal block; 8-conductor ground terminal block; with marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2002-2437 4	50

4-conductor double-deck terminal block; 8-conductor ground terminal block; without marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2002-2407 4	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	600 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	



4-conductor double-deck terminal block; shield/through terminal block; with marker carrier; gray

	Item No.	Pack. Unit
Shield/N	2002-2448	50
Shield/L	2002-2458	50

4-conductor double-deck terminal block; shield/through terminal block; without marker carrier; gray

Shield/N	2002-2418	50
Shield/L	2002-2428	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 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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.
550 V; 21 A
17 A jumper
16 A staggered jumper

Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

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	2002-2492	100 (25)
gray	2002-2491	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

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

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

yellow	2002-115	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

Testing tap; for max. 2.5 mm²

gray	2009-182	100 (25)

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

white	2009-115	1

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

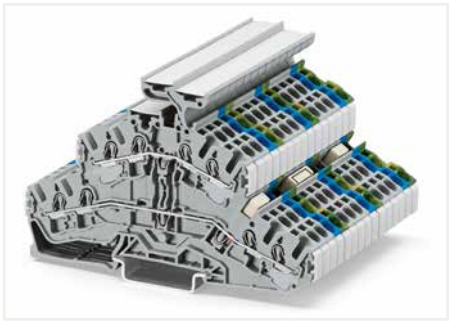
plain	793-5501	5

Double-deck marker carrier; pivoting

gray	2002-121	50 (25)

Group marker carrier; snap-on type for jumper slot; 5 mm wide

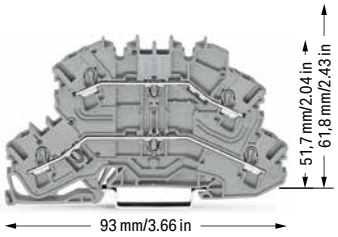
gray	2009-191	50 (25)



Double-deck terminal block assembly

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

Technical Data	
0.25 … 2.5 (4) mm² 1	22 … 12 AWG
500 V/6 kV/3 2	300 V, 20 A
I_N 24 A (28 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

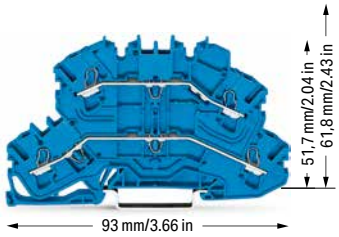


Double-deck terminal block; through/through terminal block; same profile as double-deck disconnect terminal block; without marker carrier; gray

	Item No.	Pack. Unit
L/L	2002-2601 4	50
N/L	2002-2602 4	50
L/N	2002-2603 4	50

Other terminal blocks with the same profile:		
Carrier	2002-2661	Page 64
Disconnect	2002-2671	Page 64
Fuse	2002-2611	Page 65

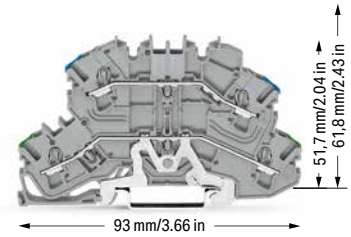
Technical Data	
0.25 … 2.5 (4) mm² 1	22 … 12 AWG
500 V/6 kV/3 2	300 V, 20 A
I_N 24 A (28 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Double-deck terminal block; through/through terminal block; same profile as double-deck disconnect terminal block; without marker carrier; blue

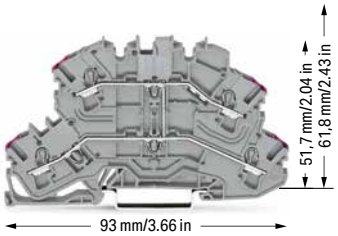
	Item No.	Pack. Unit
N/N	2002-2604 3 4	50

Technical Data	
0.25 … 2.5 (4) mm² 1	22 … 12 AWG
500 V/6 kV/3 2	300 V, 20 A
I_N 24 A (28 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



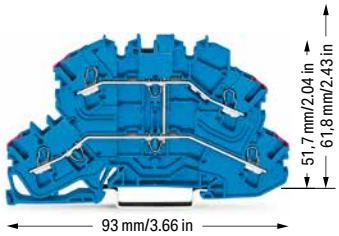
Double-deck terminal block; ground conductor/through terminal block; same profile as double-deck disconnect terminal block; without marker carrier; gray

	Item No.	Pack. Unit
PE/N	2002-2647 4	50
PE/L	2002-2657 4	50



Double-deck terminal block; 4-conductor through terminal block; same profile as double-deck disconnect terminal block; without marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2002-2608 4	50



Double-deck terminal block; 4-conductor through terminal block; same profile as double-deck disconnect terminal block; without marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2002-2609 3 4	50

Double-deck terminal block; 4-conductor ground terminal block; same profile as double-deck disconnect terminal block; without marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2002-2607 4	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

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 ec IIc applications.

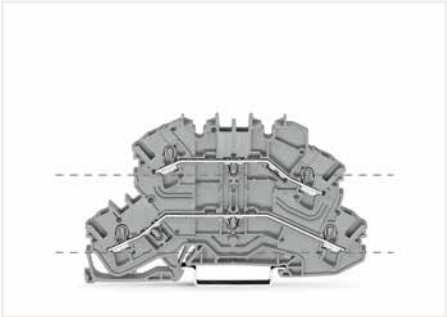
Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

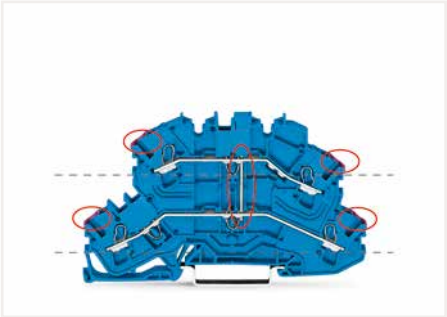
Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

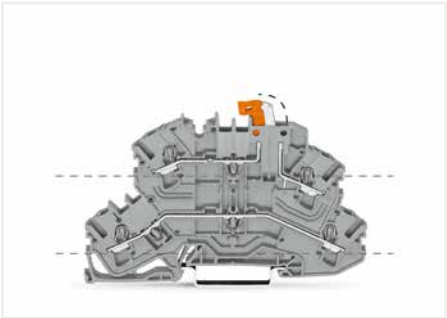
End and intermediate plate; 1 mm thick			
	orange	**2002-2692**	100 (25)
	gray	**2002-2691**	100 (25)
Double-deck marker carrier; pivoting			
	gray	**2002-121**	50 (25)
Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²			
	light gray	**2002-171**	200 (25)
Insulation stop; 5 pcs/strip; 0.75 … 1 mm²			
	dark 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
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



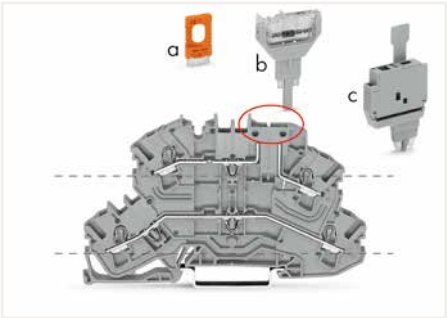
Through terminal blocks (2002-2601) feature two independent current bars on both lower and upper deck, sharing the same profile as disconnect terminal blocks.
These terminal blocks can be commoned via double-deck vertical jumpers (2002-492).



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



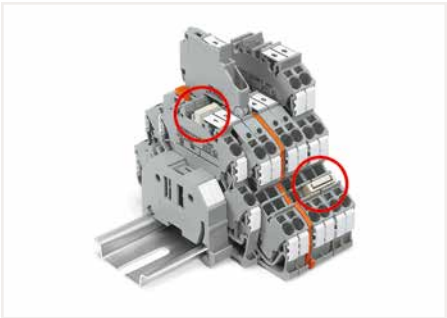
Double-deck disconnect terminal blocks with a pivoting knife disconnect (2002-2671) can be used as through terminal blocks on the lower deck and as disconnect terminal blocks on the upper deck.
Besides disconnection and measurement, double-deck carrier terminal blocks (2002-2667) also provide ground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



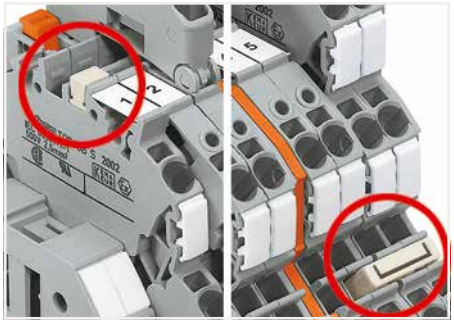
Carrier terminal blocks (2002-2661) have the same design as disconnect terminal blocks.
The following components may be used:
- Disconnect plugs (a: 2002-401)
- Pluggable diode (b: 2002-800/1000-411)
- LED module (2002-800/1000-541, no illustration)
- Fuse plug (c: 2004-911)

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.



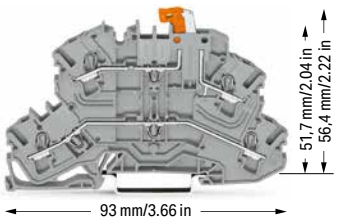
The same profile allows for commoning with double-deck terminal blocks (upper deck) and with triple-deck terminal blocks (lower deck).



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

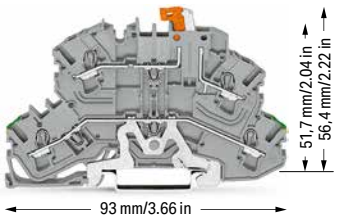
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 20 A
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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 62
Fuse	2002-2611	Page 65



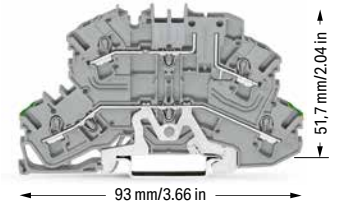
Double-deck disconnect terminal block; with a pivoting knife disconnect; gray

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

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 20 A
I_N 16 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 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

❸ Terminal blocks with an Ex mark are suitable for Ex ec IIc applications.

Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

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)

Double-deck marker carrier; pivoting

gray	2002-121	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

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

PUSH-IN CAGE CLAMP®

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	
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	300 V, 6.3 A
I_N 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 62

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.

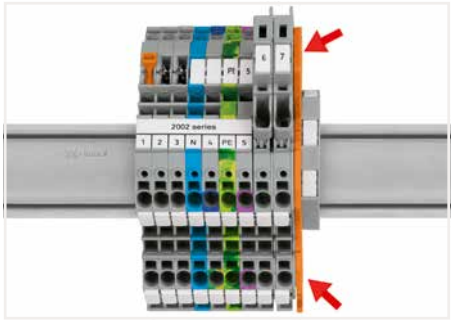
❷ 250 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Terminal blocks with an Ex mark are suitable for Ex ec IIc applications.

Please observe the application notes:
Jumpers, from page 165
Marking, from page 246

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.

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.

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)

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

red	210-136	50 (1)

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

	210-137	50 (1)

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

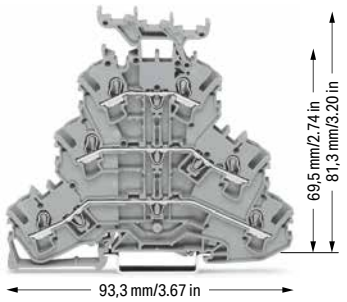
white	2009-110	1

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

plain	793-5501	5

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

Technical Data	
0.25 … 2.5 (4) mm² 1	22 … 12 AWG
500 V/6 kV/3 2	600 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 4	50
L/L/N	2002-3233 4	50

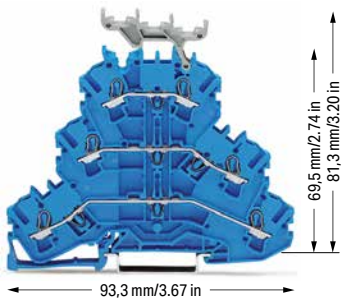
Triple-deck terminal block; through/through/through terminal block; without marker carrier; gray

	Item No.	Pack. Unit
L/L/L	2002-3201 4	50
L/L/N	2002-3203 4	50

Other terminal blocks with the same profile:

Diode	2002-3211/1000-410	Page 150
LED	2002-3221/1000-434	Page 150

Technical Data	
0.25 … 2.5 (4) mm² 1	22 … 12 AWG
500 V/6 kV/3 2	600 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	



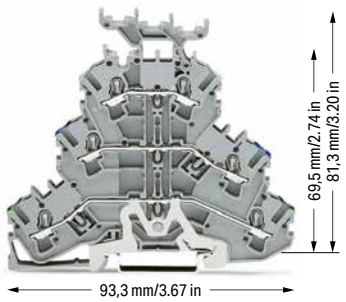
Triple-deck terminal block; through/through/through terminal block; with marker carrier; blue

	Item No.	Pack. Unit
N/N/N	2002-3234 3 4	50

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

	Item No.	Pack. Unit
N/N/N	2002-3204 3 4	50

Technical Data	
0.25 … 2.5 (4) mm² 1	22 … 12 AWG
500 V/6 kV/3 2	600 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	

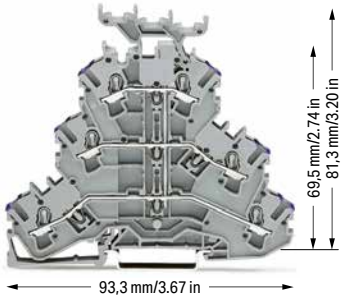


Triple-deck terminal block; ground conductor/through/through terminal block; with marker carrier; gray

	Item No.	Pack. Unit
PE/N/L	2002-3247 4	50
PE/L/L	2002-3257 4	50

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

	Item No.	Pack. Unit
PE/N/L	2002-3217 4	50
PE/L/L	2002-3227 4	50

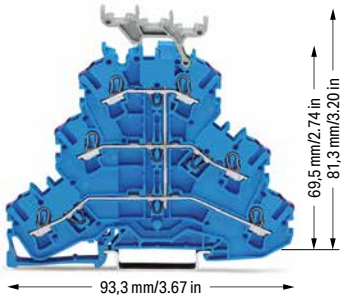


Triple-deck terminal block; 6-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2002-3238 4	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 4	50

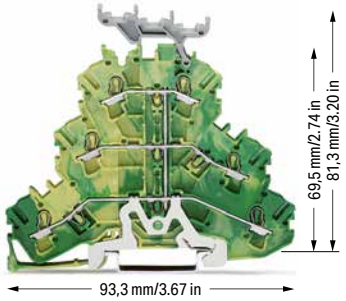


Triple-deck terminal block; 6-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2002-3239 3 4	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 3 4	50



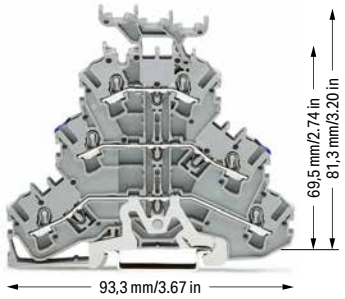
Triple-deck terminal block; 6-conductor ground terminal block; with marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2002-3237 4	50

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

	Item No.	Pack. Unit
PE	2002-3207 4	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
500 V/6 kV/3 ❷	600 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	



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

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

Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

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

Combination of multilevel terminal blocks

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

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)

Triple-deck marker carrier; pivoting			
	gray	2002-131	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

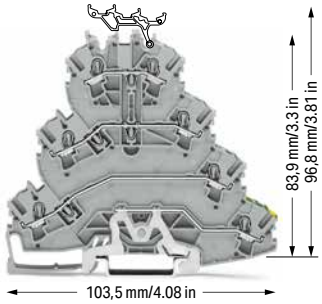
Push-in type jumper bar; insulated; I_N 25 A; light gray			
	1 to 3	2002-433	25
	1 to 4	2002-434	25
	1 to 5	2002-435	25
	1 to 6	2002-436	25
	1 to 7	2002-437	25
	1 to 8	2002-438	25
	1 to 9	2002-439	25
	1 to 10	2002-440	25

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)

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

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)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



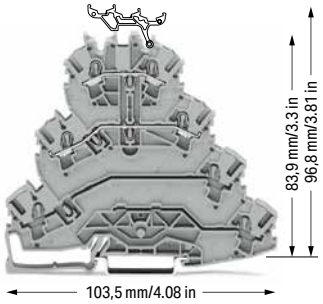
Quadruple-deck rail-mount terminal block; electric motor wiring rail-mount terminal block; without marker carrier; gray

	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)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



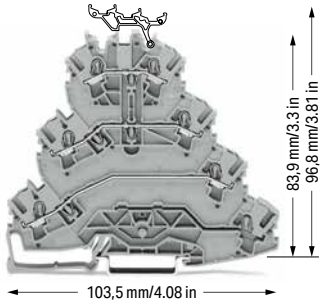
Quadruple-deck rail-mount terminal block; electric motor wiring rail-mount terminal block; without marker carrier; gray

	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)	
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

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

2-way	2002-415	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)

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

white	2009-115	1

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

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

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

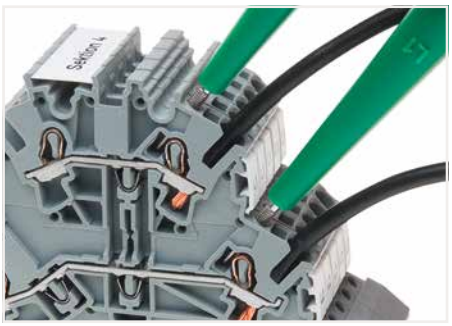
Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

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.

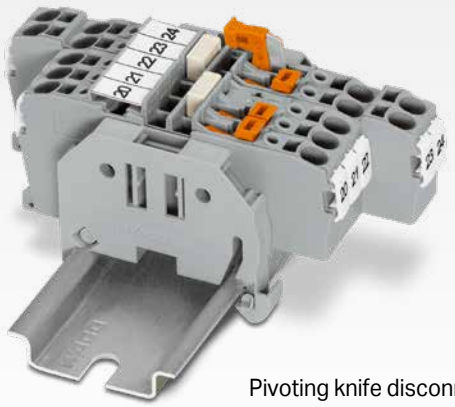
- Version without ground contact and only two potentials:
  These terminal blocks were custom designed to support additional functions, such as engine brakes or temperature sensors. Sharing a common profile, this terminal block version can be put next to the appropriate electric motor wiring terminal 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.

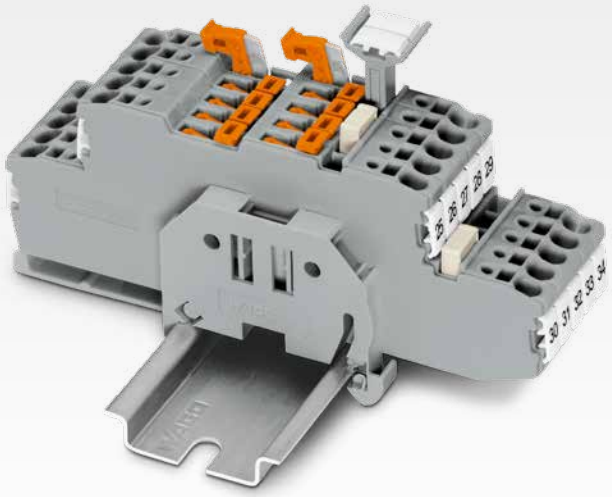


Testing with voltage tester.

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

DISCONNECT/TEST TERMINAL BLOCKS

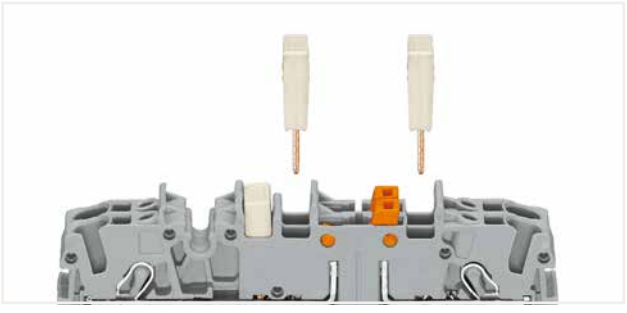




Pivoting knife disconnects clearly indicate the circuit state.

2-, 3- and 4-Conductor Disconnect Terminal Blocks

- Three alternative disconnection options are available: via pivoting knife disconnect and additional mechanical interlock or via disconnect plug.
- Thanks to the same shape as corresponding through terminal blocks, these terminal blocks maintain uniformity in the cabinet and provide clear sightlines.



An additional jumper slot is located behind the knife disconnect:
commoning options in front of or behind the knife disconnect, depending on the power supply direction.

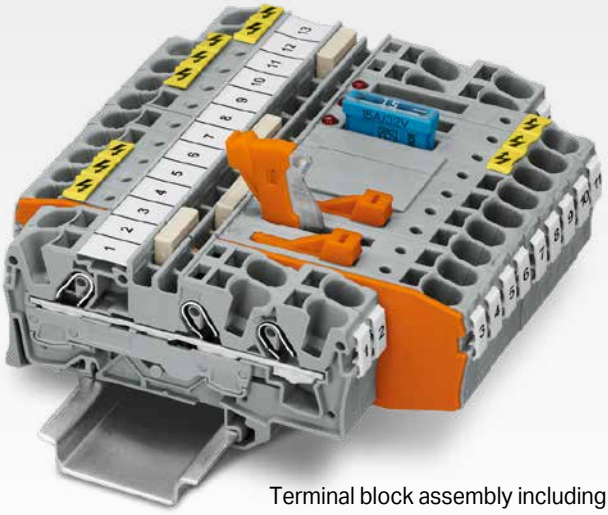
Double-Deck, Double-Disconnect Terminal Blocks

- Two potential-free disconnect terminal blocks are housed on two levels.
- Save space without compromising usability.
- The knife disconnects are located between the conductors, always making them visible to the operator.

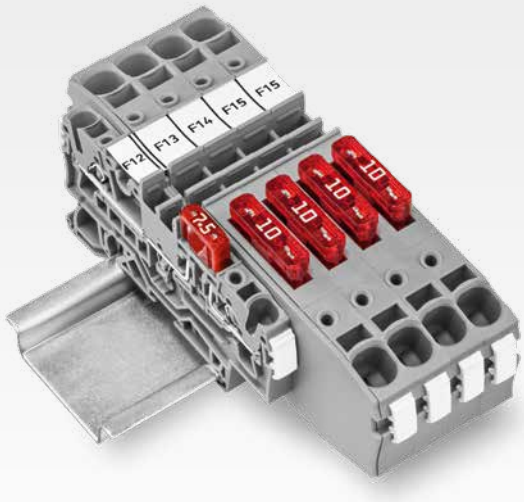
Pivoting marker carriers provide an additional marking location.

Variant:
One disconnect and one through terminal block are accommodated on two levels in a terminal block that is just 5.2 mm (0.205 inch) wide.

FUSE TERMINAL BLOCKS



Terminal block assembly including 6 mm² (10 AWG) through and disconnect terminal blocks



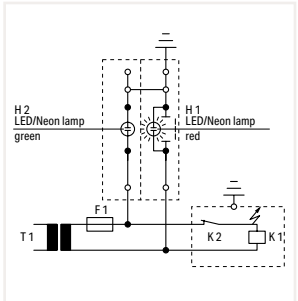
Fuse terminal blocks for DIN 72581-3f blade-style fuses

Disconnect/Ground Conductor Disconnect Terminal Blocks

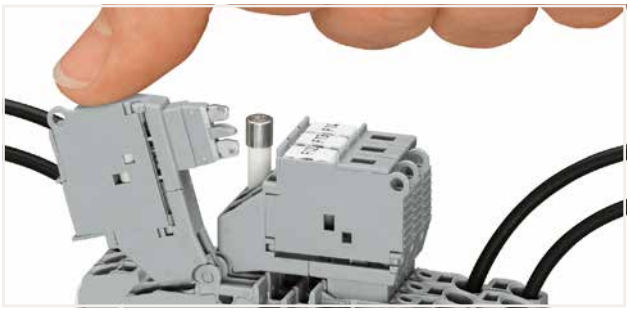
- Perfect for high-voltage or renewable energy applications
- Ground conductor disconnect terminal blocks provide service-friendly testing for potential ground faults
- Both terminal blocks are available for conductors ranging in size from 0.5 mm² to 10 mm² (20–8 AWG).

Fuse Terminal Blocks

- Protect electrical circuits against short-circuiting
- Suitable for miniature metric fuses or blade-style fuses
- Can be assembled into strips and easily replaced if required



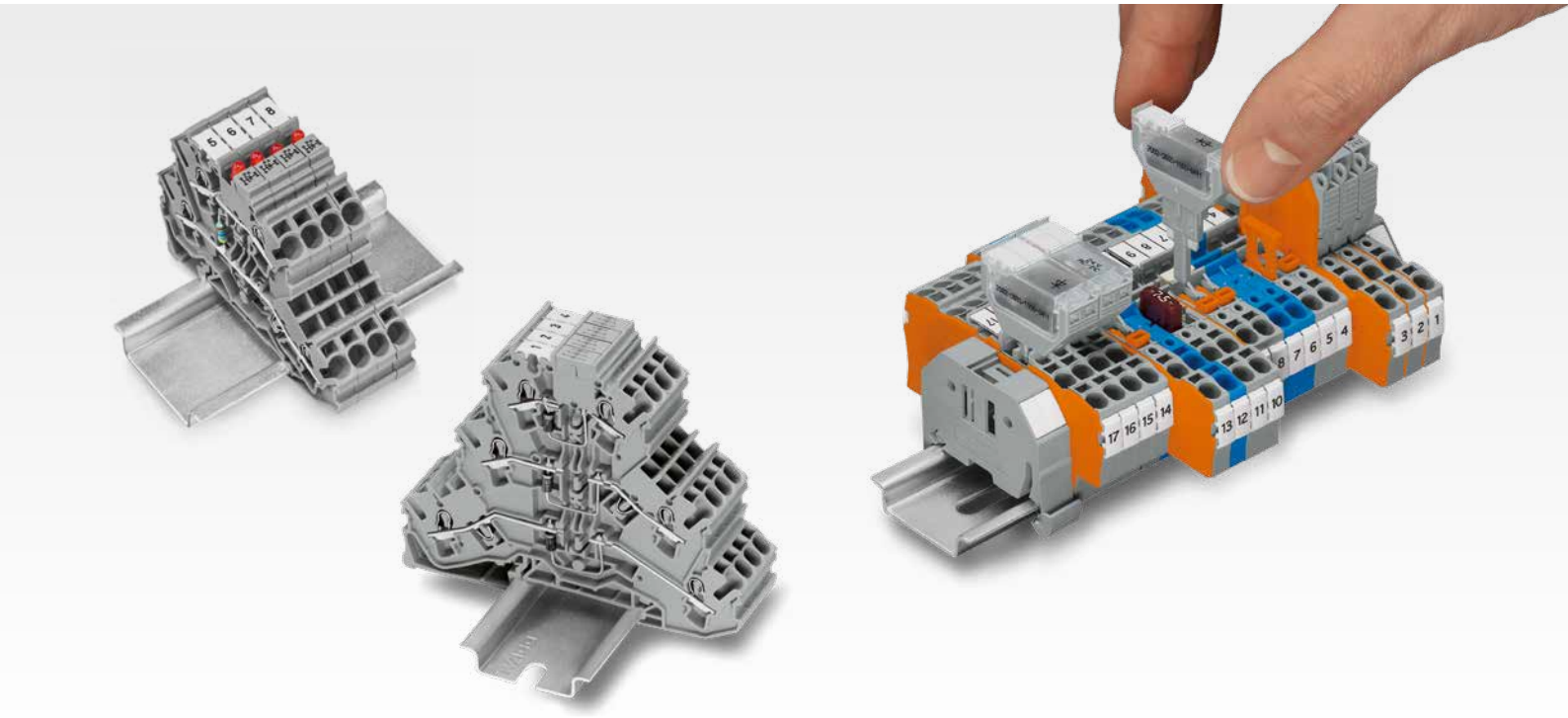
Test position – grounding: slide link open, auxiliary circuit not grounded, red LED/neon lamp lights



Pivot the fuse holder into the locked open position.
Fuse terminal blocks for miniature metric fuses are rated at 2.5 mm² (12 AWG) and 6 mm² (8 AWG).

Ground conductor disconnect terminal block – top view

DIODE AND LED TERMINAL BLOCKS



Double- and Triple-Deck LED and Diode Terminal Blocks

- Design monitoring units (e.g., for control and operating circuits) via LED terminal blocks
- Design custom diode circuits (e.g., lamp test and collective fault signal circuits) using LED terminal blocks
- Design custom circuits via push-in type jumper bars

Pluggable Diode and LED Modules

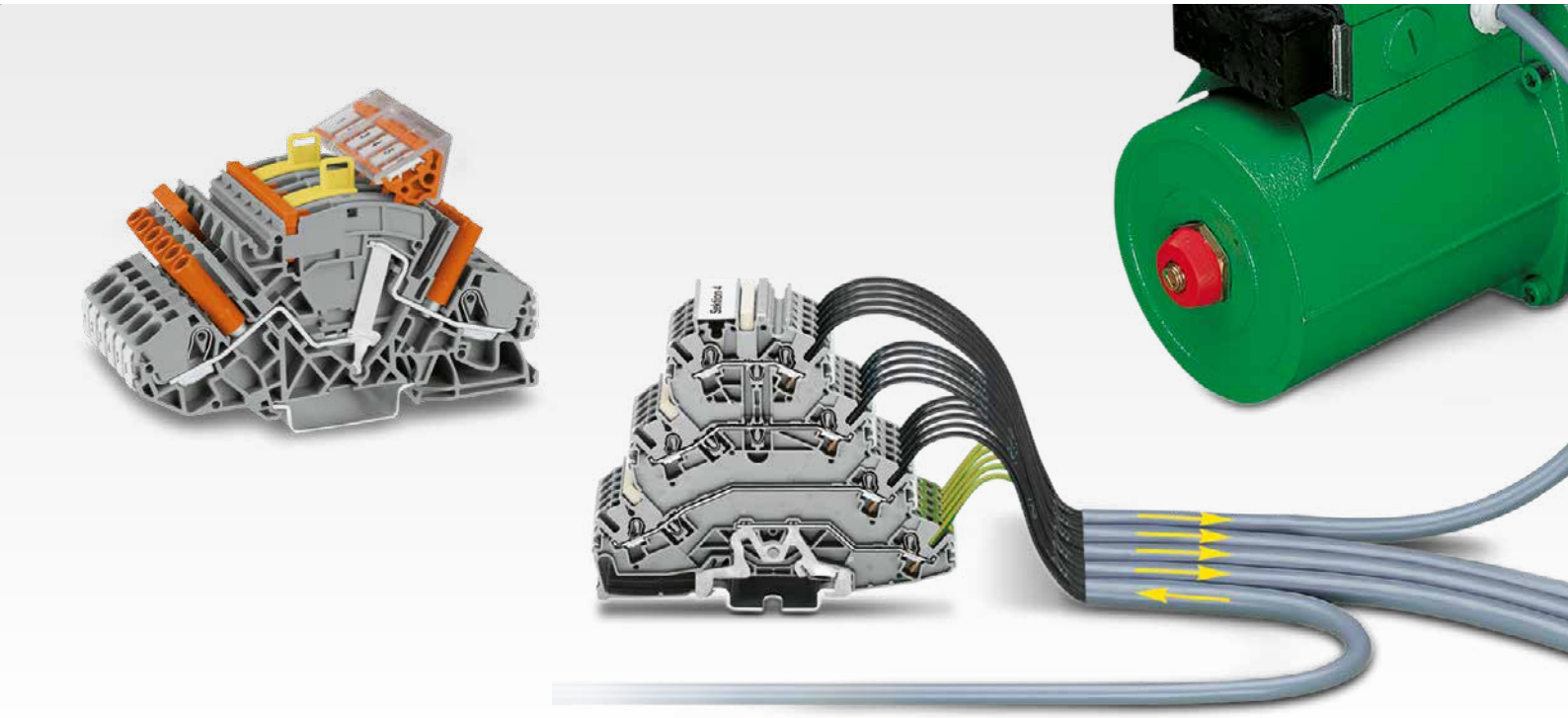
- Component plugs can either be pre-assembled, or the components (e.g., diodes, resistors) can be assembled by the user via solder-free connection
- Available in 5.2 mm or 10.4 mm width for carrier terminal blocks or for use in a jumper slot

LED terminal blocks with a red LED

Labeling via WMB Multi markers and marking strips

Test option available

CURRENT TRANSFORMER AND MOTOR WIRING TERMINAL BLOCKS



Current Transformer Terminal Blocks

- Safe, automatic short-circuiting
- Easily test current transformer circuits
- Intuitive orange disconnect links simplify operation
- Directly identify the circuit state via an open, touch-proof design
- Can be clearly labeled

Rail-Mount Terminal Blocks for Electric Motor Wiring

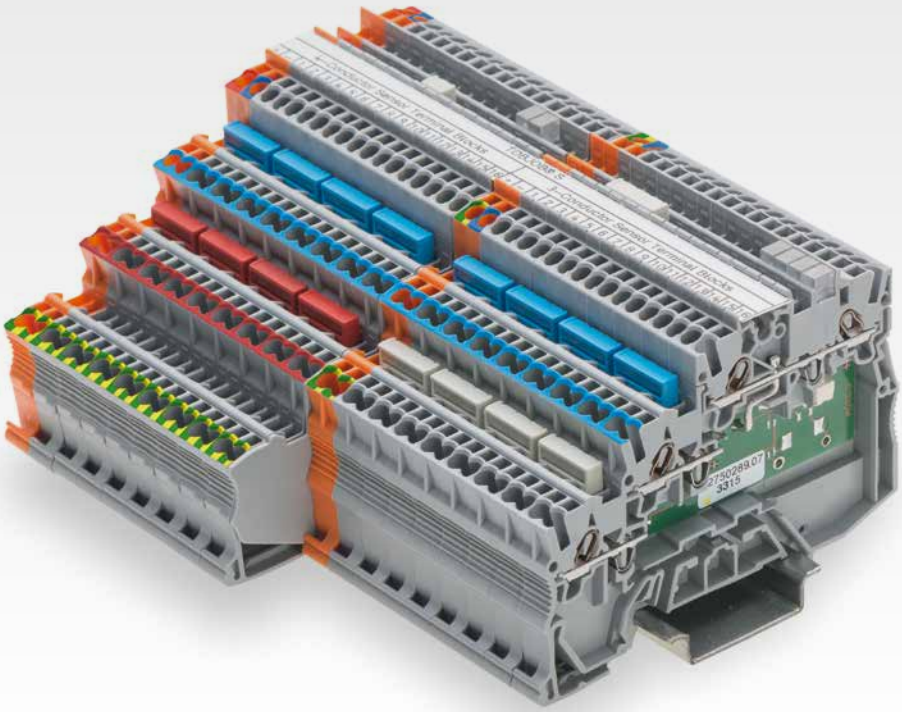
- Quadruple-deck, rail-mount terminal blocks for electric motor wiring
- Compact design: three phases and one ground conductor in a single terminal block
- Specialty versions featuring two or three potentials without a ground contact are also available

Additional commoning option on the transformer side

Identify clamping units via WMB markers and groups via marking strips

SENSOR/ACTUATOR TERMINAL BLOCKS

Send the Right Signals

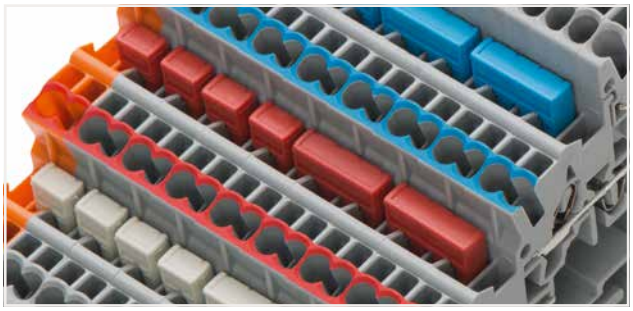


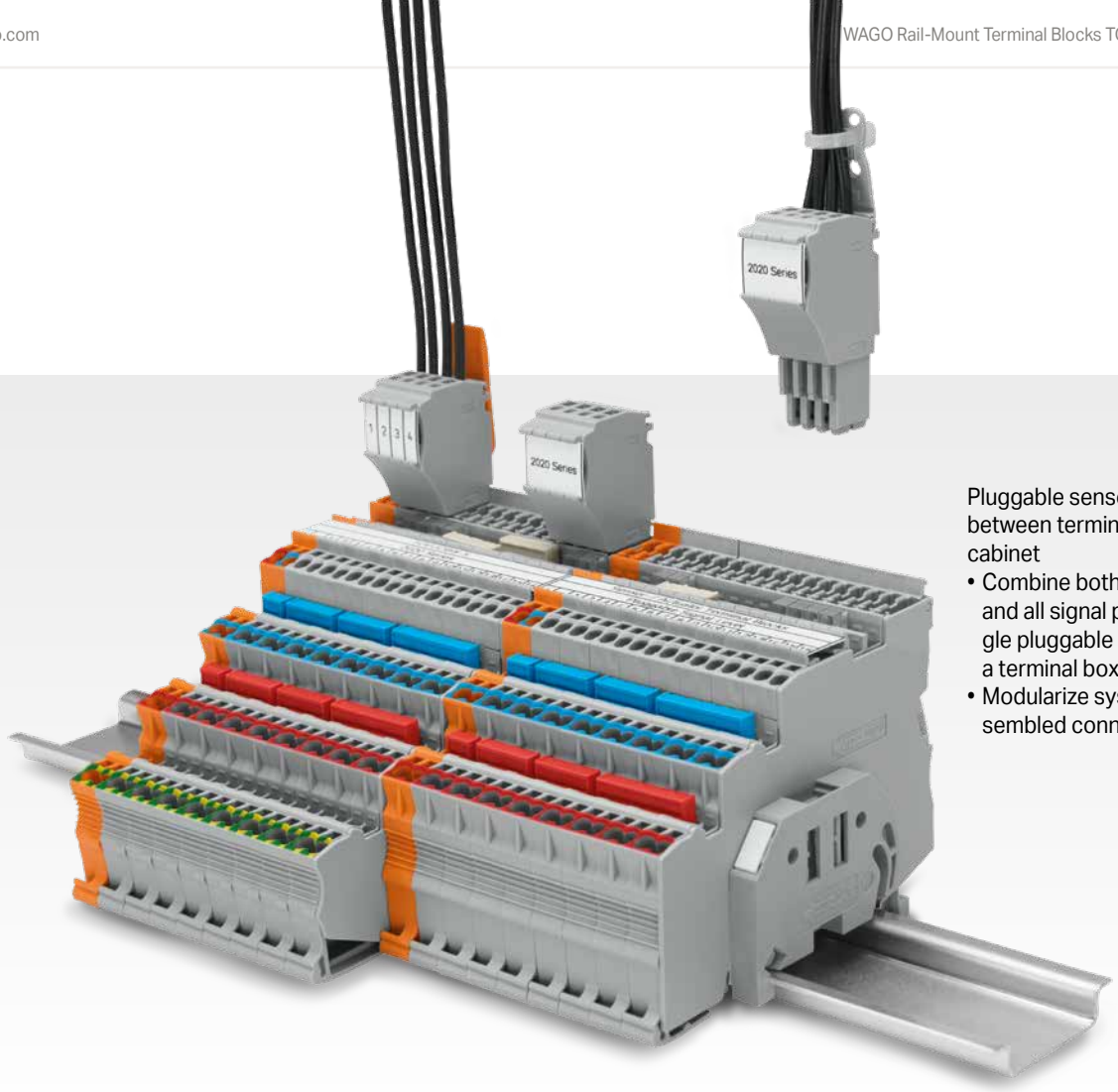
Maximum Signal Density

- Pack several sensors into the smallest possible space using only 3.5 mm per sensor on the DIN-rail
- Ideal for small terminal boxes within a system's decentralized periphery, as well as for centralized installation in the control cabinet

Pluggable Diode and LED Modules

- Commoning with standard jumpers – no pole number limitation
- Color-coded jumpers simplify potential assignment





Pluggable sensor/actuator wiring between terminal box and control cabinet

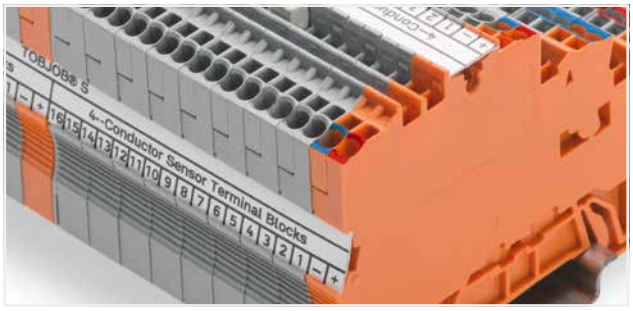
- Combine both power supply and all signal paths into one single pluggable connector within a terminal box
- Modularize systems via pre-assembled connectors

Fastest Marking System

- Clear identification thanks to multi-line marking strips that don't cover the jumper slot
- Easy to read from any angle thanks to two marker slots on the top and side of the terminal strip

LED, Wiring and Marking in Plain View

- LEDs, jumpers and markers are always visible – even when wired
- Streamlined terminal block design provides quick wiring overview and a simplified control layout

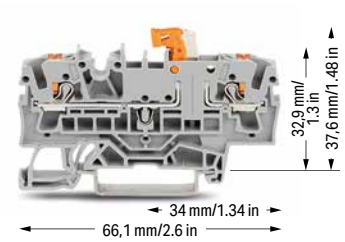


Disconnect/Test Terminal Block, Fuse Terminal Block, Carrier Terminal Block, Through Terminal Block TOPJOB® S; with Push-Button

2.5 (4) mm²; 2202 Series

Technical Data

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

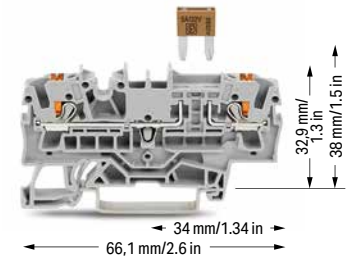


2-conductor disconnect/test terminal block; with push-button; with test point; orange disconnect link

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
I_N 10 A ❸
Terminal block width: 5.2 mm / 0.205 inch
10 … 12 mm / 0.39 … 0.47 inch

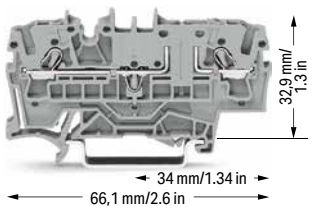


2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point

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
I_N 16 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

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; 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

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

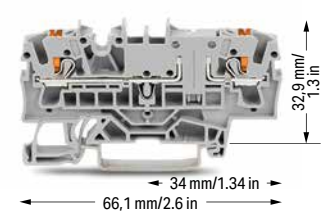
5-way	2002-415	25

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	
I_N 16 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

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 160
Testing accessories, from page 154
Marking, from page 246

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 86

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)

End plate; for modular connector; 1.5 mm thick

gray | 2002-541 | 100 (25)

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

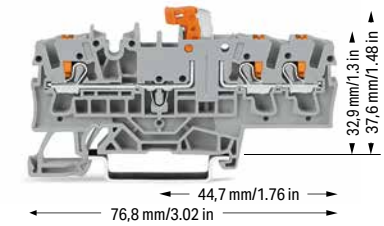
plain | 793-5501 | 5

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

Technical Data

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

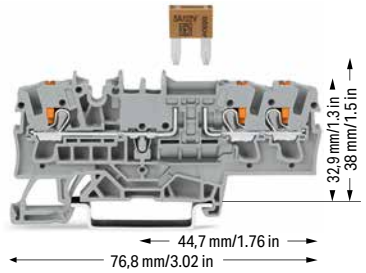


3-conductor disconnect/test terminal block; with push-button; with test point; orange disconnect link

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
I_N 10 A ❸
Terminal block width: 5.2 mm / 0.205 inch
10 … 12 mm / 0.39 … 0.47 inch

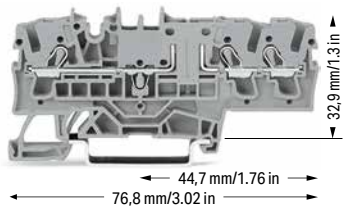


3-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point

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
I_N 16 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	2002-401	100 (25)

Accessories; 2202 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)

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

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

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

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

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

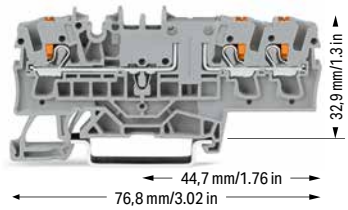
5-way	2002-415	25

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	
I_N 16 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

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 160
Testing accessories, from page 154
Marking, from page 246

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 86

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)

End plate; for modular connector; 1.5 mm thick

gray | 2002-541 | 100 (25)

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

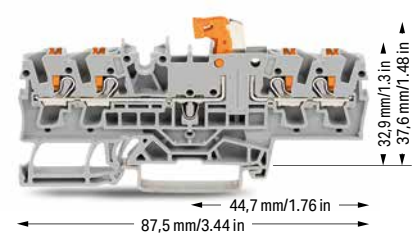
plain | 793-5501 | 5

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

2.5 (4) mm²; 2202 Series

Technical Data

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

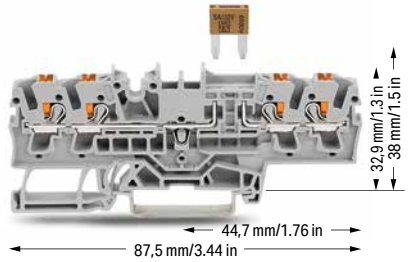


4-conductor disconnect/test terminal block; with push-button; with test point; orange disconnect link

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
I_N 10 A ❸
Terminal block width: 5.2 mm / 0.205 inch
10 … 12 mm / 0.39 … 0.47 inch

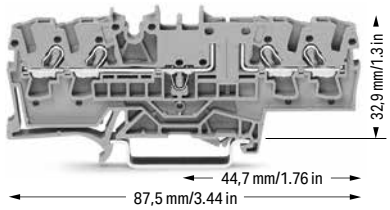


4-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point

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
I_N 16 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

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; 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

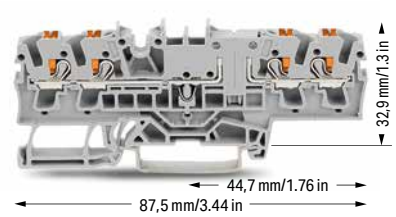
Adjacent jumper for continuous commoning; insulated; I_N 25 A, light gray

5-way	2002-415	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	
I_N 16 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

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 160
Testing accessories, from page 154
Marking, from page 246

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 87

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)

End plate; for modular connector; 1.5 mm thick

gray 2002-541 100 (25)

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

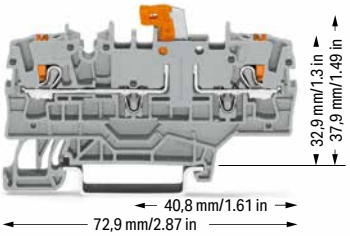
WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain 793-5501 5

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

Technical Data

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

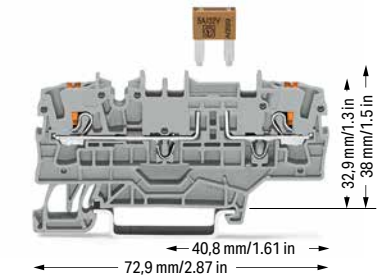


2-conductor disconnect/test terminal block; with push-button; with test point; orange disconnect link; with additional jumper slot

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
I_N 10 A ❸
Terminal block width: 5.2 mm / 0.205 inch
10 … 12 mm / 0.39 … 0.47 inch

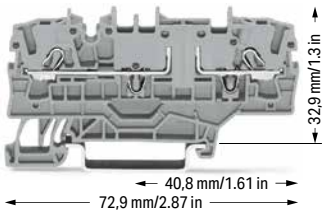


2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point; without blown fuse indication; with additional jumper slot
Electrical ratings are given by the fuse. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

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
I_N 16 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	2002-401	100 (25)

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 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

Staggered jumper; insulated; I_N 25 A; light gray

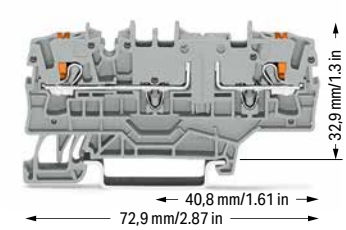
	2-way	2002-472	25
	3-way	2002-473	25
	4-way	2002-474	25
	5-way	2002-475	25
	6-way	2002-476	25
	7-way	2002-477	25
	8-way	2002-478	25
	9-way	2002-479	25
	10-way	2002-480	25
	11-way	2002-481	25
	12-way	2002-482	25

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
I_N 16 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

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 160
Testing accessories, from page 154
Marking, from page 246

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 86

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

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

5-way	2002-415	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)

Accessories; 2202 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Spacer module; snaps together; bridges commoned terminal blocks

gray	2002-549	100 (25)

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)

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

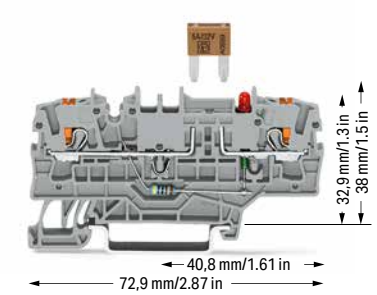
plain	793-5501	5

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

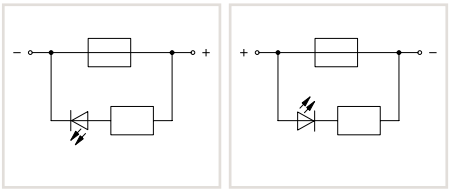
2.5 (4) mm²; 2202 Series

Technical Data

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

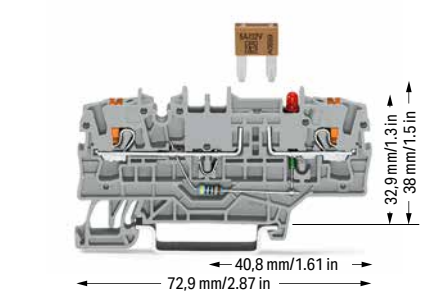


2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point; 12 V; with blown fuse indication by LED; LED power consumption: 4.8 mA; with additional jumper slot
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe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

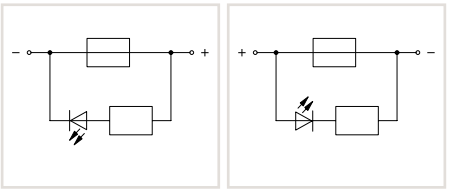
Color	Item No.	Pack. Unit
gray	2202-1981/1000-429	50
gray	2202-1981/1000-449	50

Technical Data

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

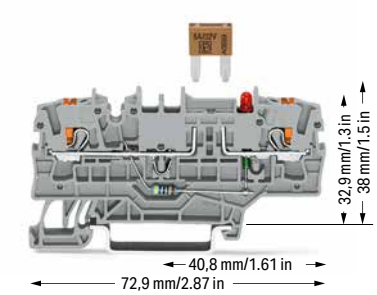


2-conductor fuse terminal block; with push-button; for mini-automotive blade-style fuse; with test point; 24 V; with blown fuse indication by LED; LED power consumption: 4.8 mA; with additional jumper slot
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe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

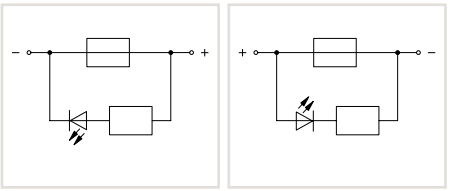
Color	Item No.	Pack. Unit
gray	2202-1981/1000-413	50
gray	2202-1981/1000-434	50

Technical Data

0.25 … 2.5 (4) mm² ❶ | 22 … 12 AWG
400 V/6 kV/3 ❷
I_N 10 A ❸
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
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	2202-1981/1000-414	50
gray	2202-1981/1000-435	50

Other terminal blocks with the same profile

Through	2202-1901	Page 83

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

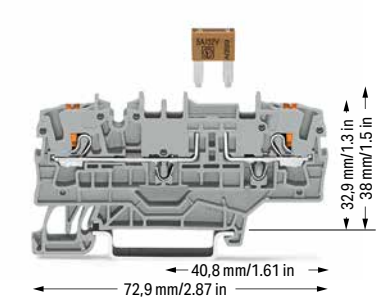
light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

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

5-way	2002-415	25

Technical Data

0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	
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 … 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

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 160
Testing accessories, from page 154
Marking, from page 246

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

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

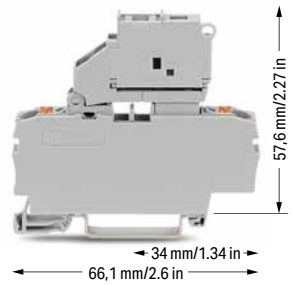
gray	2002-121	50 (25)

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

2.5 (4) mm²; 2202 Series

Technical Data

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

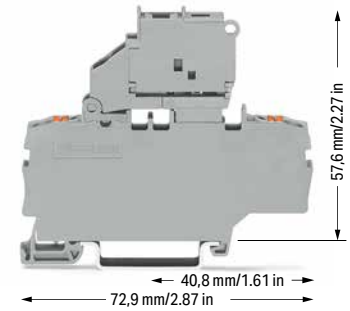
○ 12 … 30 V	2202-1611/1000-541	50
○ 30 … 65 V	2202-1611/1000-542	50
○ 120 V	2202-1611/1000-867	50
○ 230 V	2202-1611/1000-836	50

Other terminal blocks with the same profile:

Through	2202-1601	Page 77

Technical Data

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

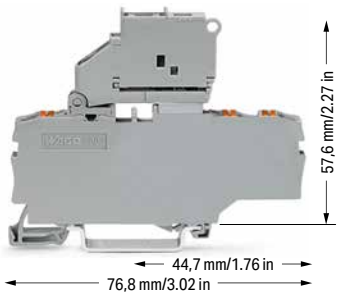
○ 12 … 30 V	2202-1911/1000-541	50
○ 30 … 65 V	2202-1911/1000-542	50
○ 120 V	2202-1911/1000-867	50
○ 230 V	2202-1911/1000-836	50

Other terminal blocks with the same profile:

Through	2202-1901	Page 83

Technical Data

0.25 … 2.5 (4) mm² ❶ | 22 … 12 AWG
250 V/6 kV/3 ❷
I_N 6.3 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 79

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)

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 32 A; light gray

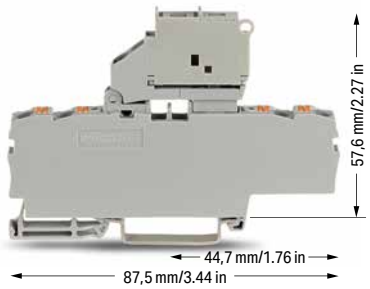
2-way	2004-402	25
3-way	2004-403	25
4-way	2004-404	25
5-way	2004-405	25
6-way	2004-406	25
7-way	2004-407	25
8-way	2004-408	25
9-way	2004-409	25
10-way	2004-410	25

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

Technical Data

0.25 … 2.5 (4) mm² ❶ | 22 … 12 AWG
250 V/6 kV/3 ❷
I_N 6.3 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 81

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

Please observe the application notes:
Jumpers, page 164
Marking, from page 246

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

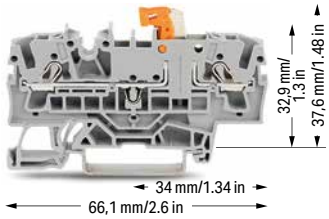
Series / Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
	Fuse terminal blocks			
2202-1911	1.6 W	1.6 W	2.5 W	2.5 W
2202-1911/….-….	1.6 W	1.6 W	2.5 W	2.5 W

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

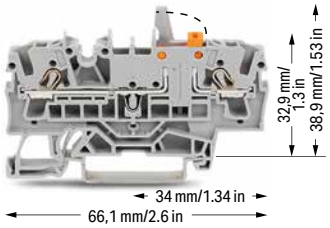
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

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

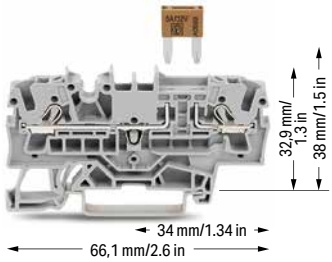
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

Color	Item No.	VPE
gray	2002-1671/401-000 ❹	50
blue	2002-1674/401-000 ❹	50
orange	2002-1672/401-000 ❹	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; for mini-automotive blade-style fuse; with test point

Color	Item No.	VPE
gray	2002-1681 ❹	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)

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

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; 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

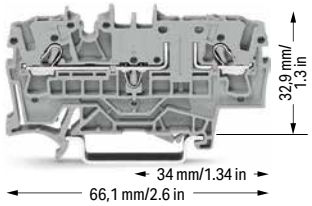
Adjacent jumper for continuous commoning; insulated; I_N 25 A, light gray

5-way	2002-415	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)

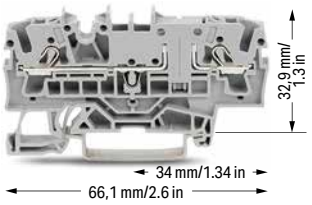
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor carrier terminal block; with test point

Color	Item No.	VPE
gray	2002-1661 ❹	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, 10 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 ❹	50
blue	2002-1604 ❹	50
orange	2002-1602 ❹	50

Other terminal blocks with the same profile:

Fuse	2002-1611	Page 98

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

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 ec IIc applications.
440 V; 17 A

Blade-style fuses are not offered by WAGO.

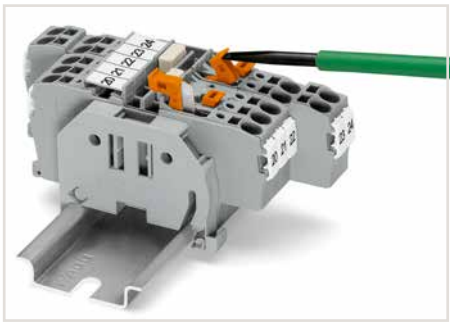
Please observe the application notes:
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

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)



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

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)

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)

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

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

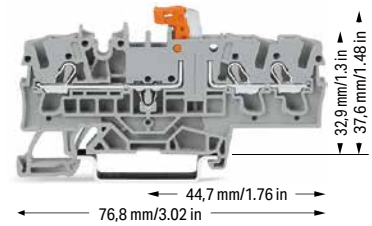
plain	793-5501	5

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

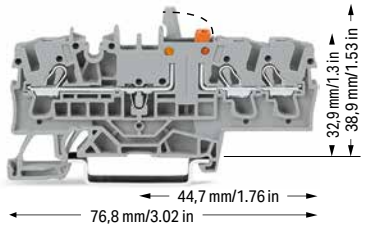
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

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

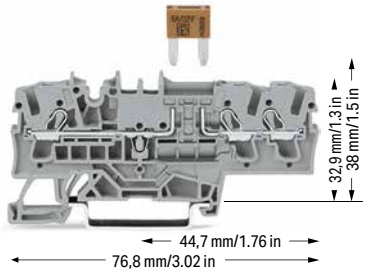
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

Color	Item No.	VPE
gray	2002-1771/401-000 ❹	50
blue	2002-1774/401-000 ❹	50
orange	2002-1772/401-000 ❹	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; for mini-automotive blade-style fuse; with test point

Color	Item No.	VPE
gray	2002-1781 ❹	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)

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

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

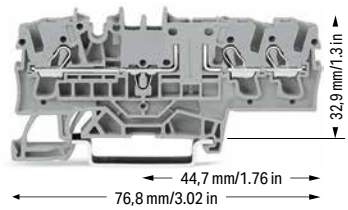
Customized staggered jumper; insulated; with contact lugs broken off at the factory and circuit printing; I_N 25 A; light gray

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

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

5-way	2002-415	25

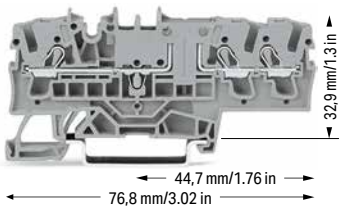
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



3-conductor carrier terminal block; with test point

Color	Item No.	VPE
gray	2002-1761 ❹	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, 10 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 ❹	50
blue	2002-1704 ❹	50
orange	2002-1702 ❹	50

3-conductor ground terminal block; mit Prüfmöglichkeit

green-yellow	2002-1707 ❹	50

Other terminal blocks with the same profile:

Fuse	2002-1711	Page 98

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

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 ec IIc applications.
440 V; 17 A

Blade-style fuses are not offered by WAGO.

Please observe the application notes:
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

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

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)

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)

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)

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

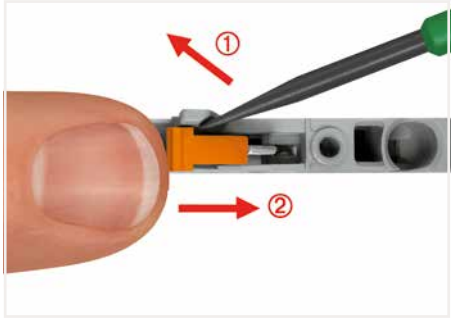
white	2009-115	1

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

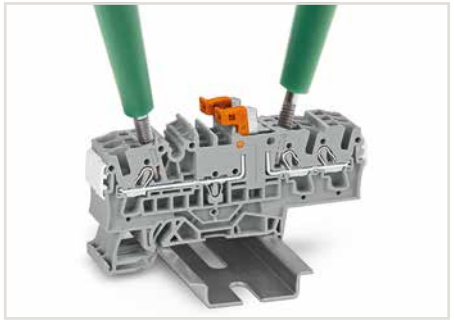
white	2009-110	1

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

plain	793-5501	5



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

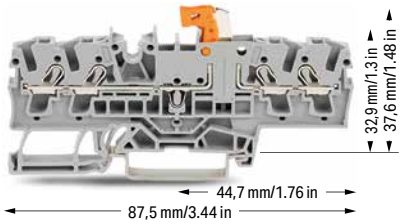


Disconnect/test terminal block with pivoting knife disconnect – testing with voltage tester.

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

2.5 (4) mm²; 2002 Series

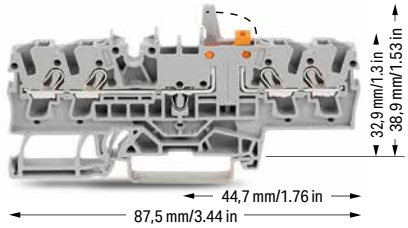
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

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

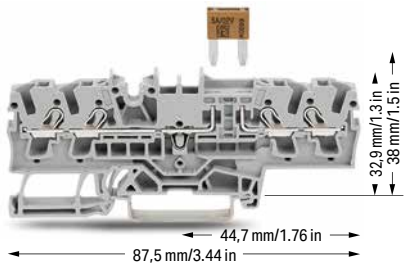
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

Color	Item No.	VPE
gray	2002-1871/401-000 ❹	50
blue	2002-1874/401-000 ❹	50
orange	2002-1872/401-000 ❹	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; for mini-automotive blade-style fuse; with test point

Color	Item No.	VPE
gray	2002-1881 ❹	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)

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

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; 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

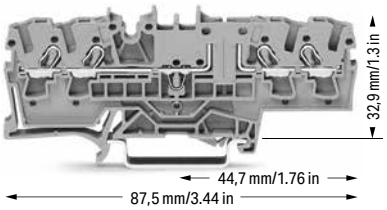
Adjacent jumper for continuous commoning; insulated; I_N 25 A, light gray

5-way	2002-415	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)

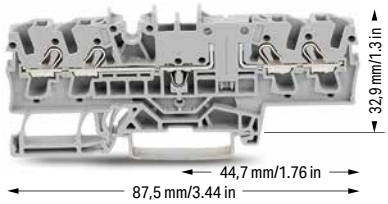
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



4-conductor carrier terminal block; with test point

Color	Item No.	VPE
gray	2002-1861 ❹	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, 10 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 ❹	50
blue	2002-1804 ❹	50
orange	2002-1802 ❹	50

Other terminal blocks with the same profile:

Fuse	2002-1811	Page 99

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)

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)

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)

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

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

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

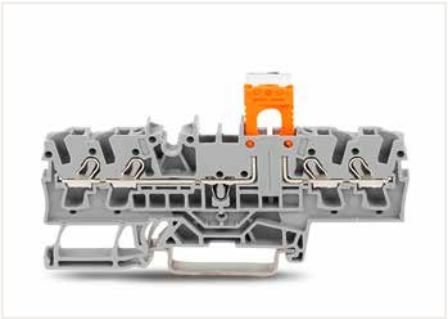
❹ Terminal blocks with an Ex mark are suitable for Ex ec IIc applications.
440 V; 17 A

Blade-style fuses are not offered by WAGO.

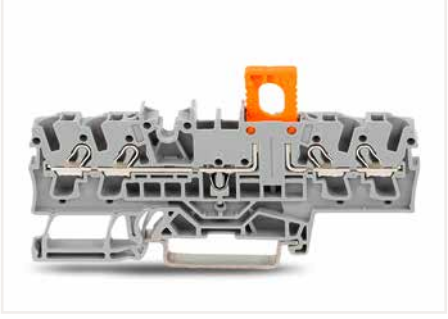
Please observe the application notes:
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

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

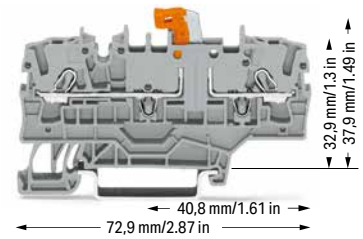


Carrier terminal block (2002-1861) with disconnect plug (2002-401) in operating position

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

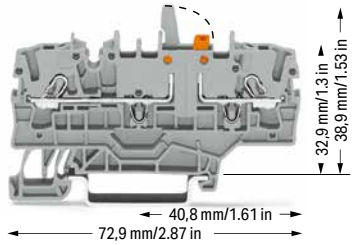
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

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

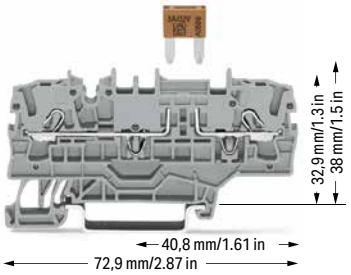
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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 ❹	50
blue	2002-1974/401-000 ❹	50
orange	2002-1972/401-000 ❹	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	
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 ❹	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)

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)

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

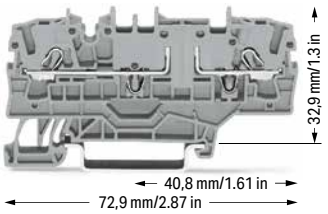
Staggered jumper; insulated; I_N 25 A; light gray

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

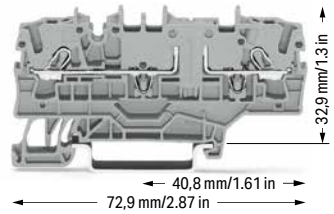
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

Color	Item No.	VPE
gray	2002-1961 ❹	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, 10 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 ❹	50
blue	2002-1904 ❹	50
orange	2002-1902 ❹	50

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

green-yellow	2002-1907 ❹	50

Other terminal blocks with the same profile:

Fuse	2002-1911	Page 98

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

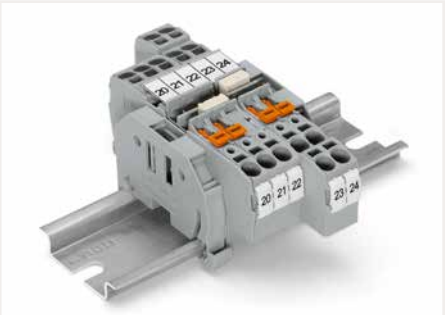
❸ Observe touch-proof protection for 42 V and higher voltages!
- 10 A (individual arrangement)
- 5 A (block arrangement)

❹ Terminal blocks with an Ex mark are suitable for Ex ec IIc applications.
440 V; 17 A

Blade-style fuses are not offered by WAGO.

Please observe the application notes:
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

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)

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

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

5-way	2002-415	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)

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

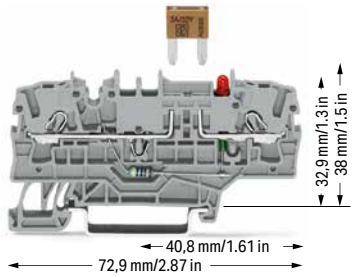
WMB marker card; white; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm

plain	793-5501	5

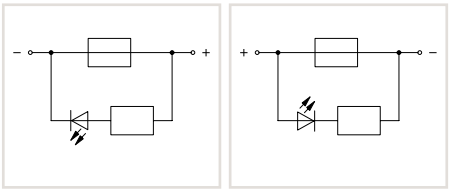
Fuse Terminal Block TOPJOB® S; for Mini-Automotive Blade-Style Fuse; with Additional Jumper Slot

2.5 (4) mm²; 2002 Series

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	



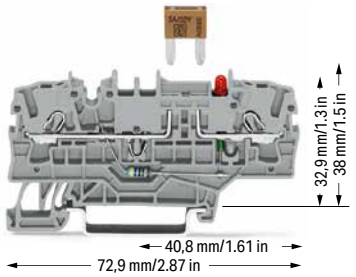
2002-1981/1000-429 2002-1981/1000-449



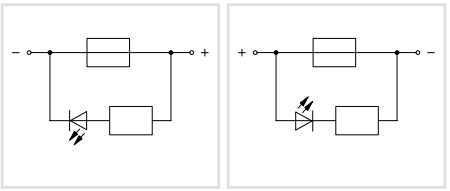
2-conductor fuse terminal block; for mini-automotive blade-style fuse; with test point; 12 V; with blown fuse indication by LED; LED power consumption: 4.8 mA Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	Pack. Unit
gray	2002-1981/1000-429 ❹	50
gray	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	



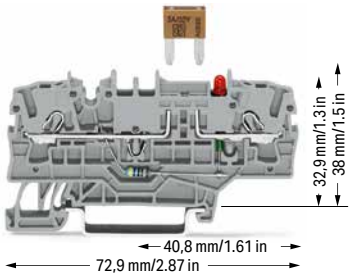
2002-1981/1000-413 2002-1981/1000-434



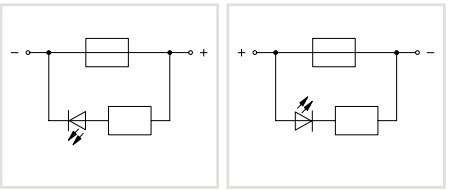
2-conductor fuse terminal block; for mini-automotive blade-style fuse; with test point; 24 V; with blown fuse indication by LED; LED power consumption: 4.8 mA Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	Pack. Unit
gray	2002-1981/1000-413 ❹	50
gray	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 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	2002-1981/1000-414 ❹	50
gray	2002-1981/1000-435 ❹	50

Other terminal blocks with the same profile:		
Through	2002-1901	Page 95

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)

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

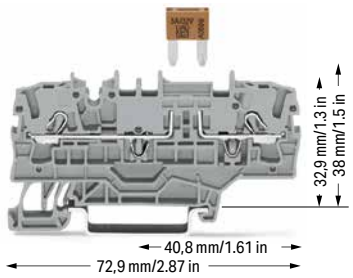
Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3

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

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

5-way	2002-415	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

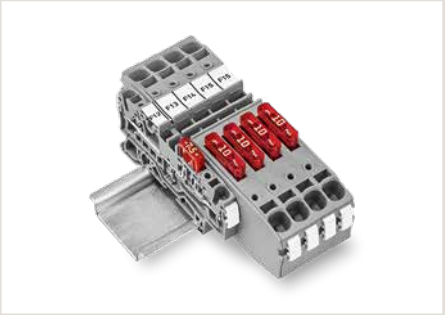
❸ Observe touch-proof protection for 42 V and higher voltages!
- 10 A (individual arrangement)
- 5 A (block arrangement)

❹ Terminal blocks with an Ex mark are suitable for Ex ec IIc applications.
440 V; 17 A

Blade-style fuses are not offered by WAGO.

Please observe the application notes:
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

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

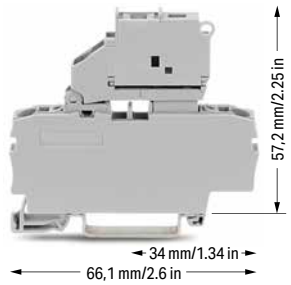
Double-deck marker carrier; pivoting

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

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 6,3 A
I_N 6,3 A	300 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.

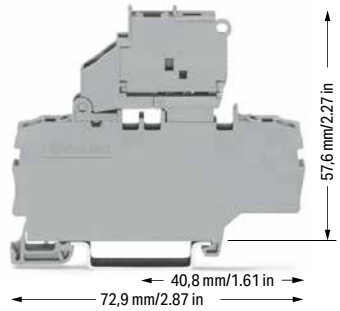
	Item No.	VPE
gray	2002-1611 ❸	50

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

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 6,3 A
I_N 6,3 A	300 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.

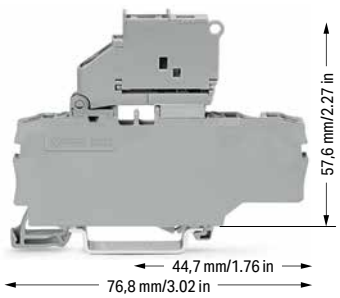
	Item No.	VPE
gray	2002-1911 ❸	50

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

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

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 6,3 A
I_N 6,3 A	300 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

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 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 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

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	250 V, 6,3 A
I_N 6,3 A	300 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

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.

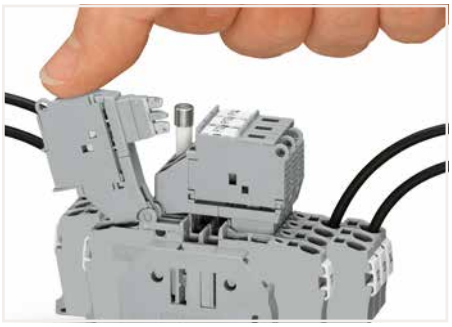
❷ 250 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Terminal blocks with an Ex mark are suitable for Ex ec IIc applications.
250 V; 6.3 A

Please observe the application notes:
Jumpers, page 164
Marking, from page 246

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

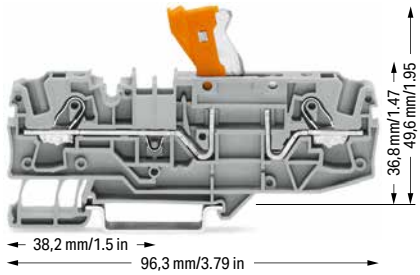
Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
	Fuse terminal blocks			
2002-1911	1.6 W	1.6 W	2.5 W	2.5 W
2002-1911/….-….	1.6 W	1.6 W	2.5 W	2.5 W

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

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 101

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

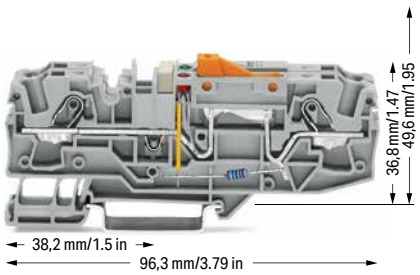
Push-in type jumper bar; insulated; I_N 41 A; light gray

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:

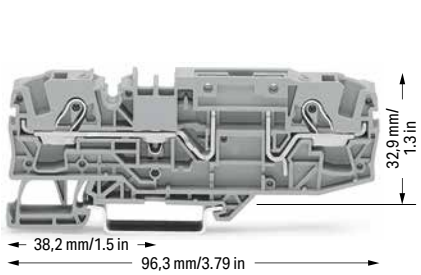
Through	2006-1601	Page 101

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 101

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)

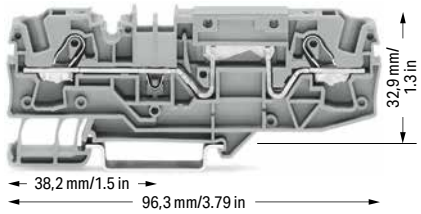
Double-deck marker carrier; pivoting

gray	2002-121	50 (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	



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 100
Fuse	2006-1681	Page 102
Disconect	2006-1671	Page 100

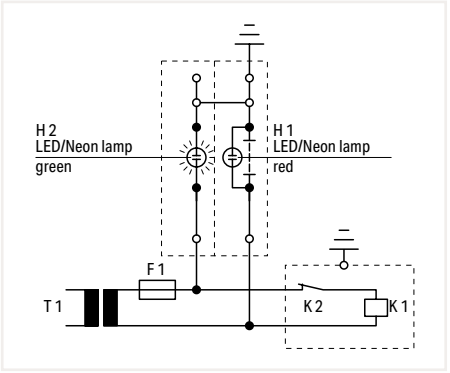
Accessories; item-specific			
Push-in type jumper bar; insulated; I_N 41 A; light gray			
	2-way	2006-402	25
	3-way	2006-403	25
	4-way	2006-404	25
	5-way	2006-405	25
Push-in type jumper bar; insulated; I_N 41 A; light gray			
	1 to 3	2006-433	25
	1 to 4	2006-434	25
	1 to 5	2006-435	25
Star point jumper;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

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

Please observe the application notes:
Jumpers, from page 163
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

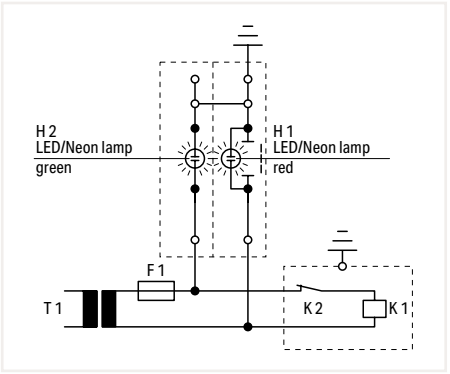


Operating condition
Slide link closed, auxiliary circuit grounded, green LED/neon lamp illuminates.

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.

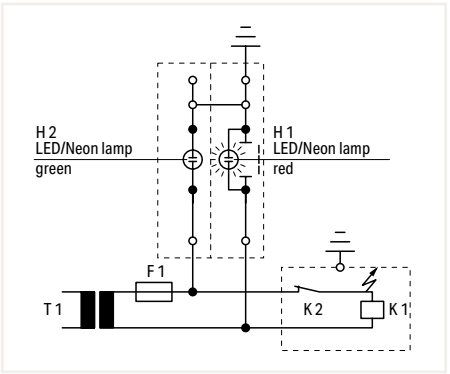
In order to fulfill this requirement, a connection to the protective bonding circuit must be provided in accordance with Section 8.2 and the devices must be connected as described in Section 9.1.4. Control circuits fed from a transformer and not connected to the protective bonding circuit must be provided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

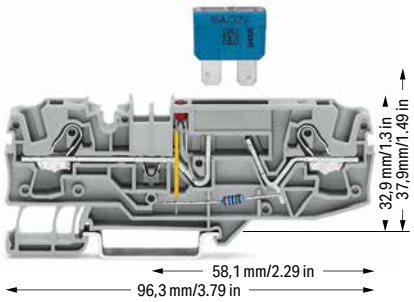


Test condition – grounding
Slide link open, auxiliary circuit not grounded, red LED/neon lamp illuminates.

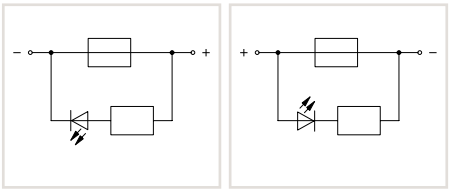
Ground conductor disconnect terminal block – top view

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

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
500 V/6 kV/3 ❷	12 V, 15 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	



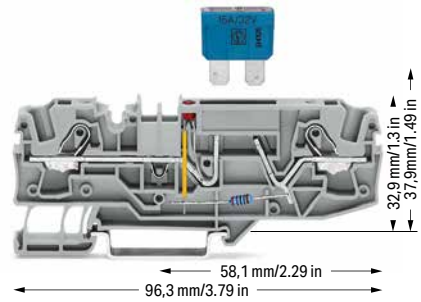
2006-1681/1000-429 2006-1681/1000-449



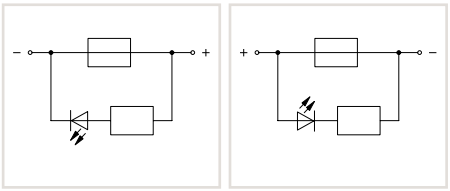
2-conductor fuse terminal block for automotive blade-style fuse; with test point; 12 V; with blown fuse indication by LED; LED power consumption: 4.8 mA
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

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, 15 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	



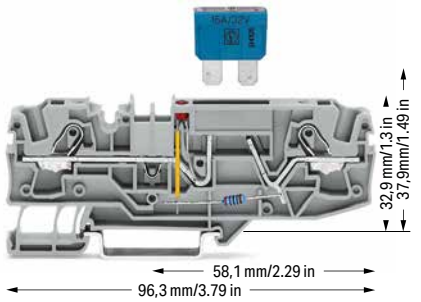
2006-1681/1000-413 2006-1681/1000-434



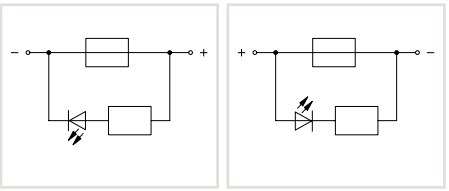
2-conductor fuse terminal block for automotive blade-style fuse; with test point; 24 V; with blown fuse indication by LED; LED power consumption: 4.8 mA
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

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 101

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

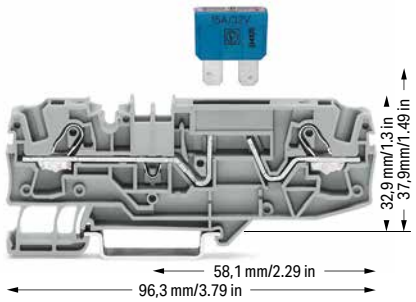
WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

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, 15 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

❸ LED power consumption: 4.8 mA

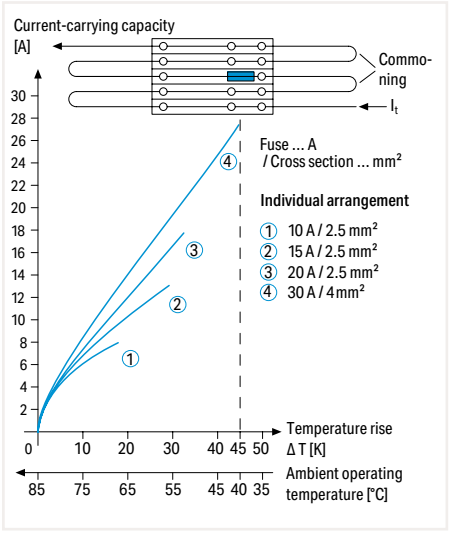
Blade-style fuses are not offered by WAGO.
Thermal automotive circuit breakers are not offered by WAGO.
WAGO recommends automotive circuit breakers from ETA.

Please observe the application notes:
Marking, from page 246

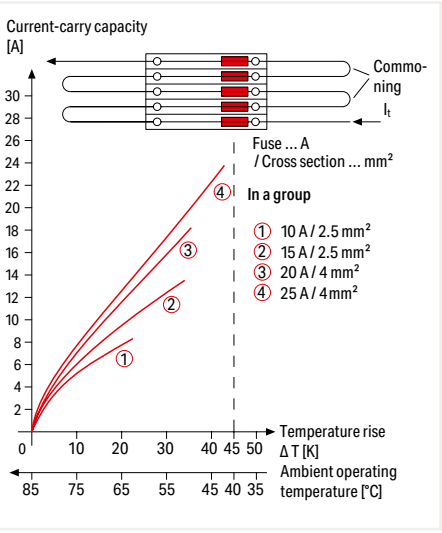
Approvals and corresponding ratings,
visit www.wago.com

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!

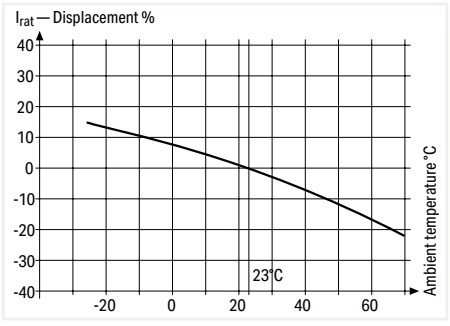
Color	Item No.	Pack. Unit
gray	2006-1681	25



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

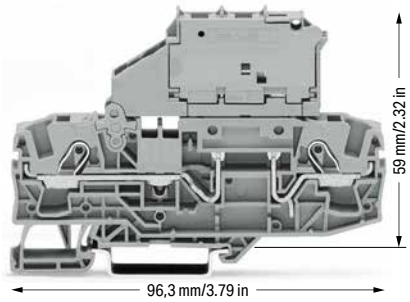
With regard to product safety, fuse cartridges must generally be tested both under normal and faulty operating conditions within your application.

PUSH-IN CAGE CLAMP®

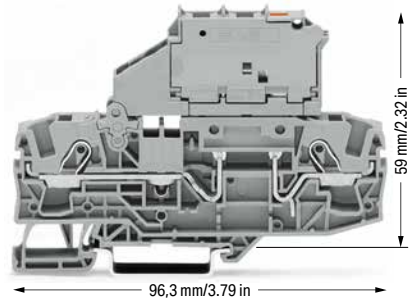
Fused Disconnect Terminal Block with Pivoting Fuse Holder TOPJOB® S; for 5 x 20 mm, 5 x 30 mm and ¼" x 1¼" Glass Cartridge Fuse

6 (10) mm²; 2006 Series

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

Please observe the application notes:
Jumpers, from page 163
Marking, from page 246

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 101

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

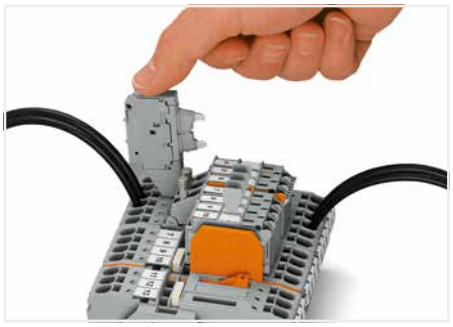
12 … 30 V	2006-1621/1000-541	25
30 … 65 V	2006-1621/1000-542	25
230 V	2006-1621/1000-836	25
380 … 500 V	2006-1621/1000-859	25

for ¼" x 1¼" glass cartridge fuse

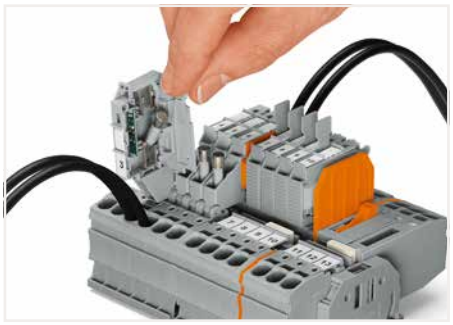
12 … 30 V	2006-1631/1000-541	25
30 … 65 V	2006-1631/1000-542	25
120 V	2006-1631/1000-867	25
230 V	2006-1631/1000-836	25
380 … 500 V	2006-1631/1000-859	25

Other terminal blocks with the same profile:

Through	2006-1601	Page 101



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	

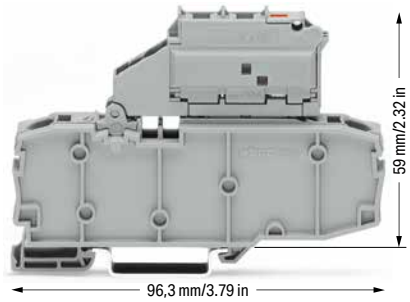
Fused disconnect terminal block with a pivoting fuse holder and end plate; without blown fuse indication
Electrical ratings are given by the fuse.

for ¼" x 1¼" glass cartridge fuse

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

Other terminal blocks with the same profile:		
Through	2006-1601	Page 101

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

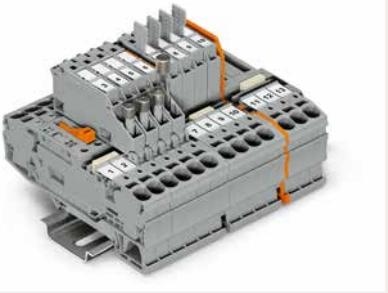
Other terminal blocks with the same profile:		
Through	2006-1601	Page 101

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

Please observe the application notes:
Jumpers, from page 163
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com



Pivoting fuse holder with spare fuse holder

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

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

Glass cartridge fuses

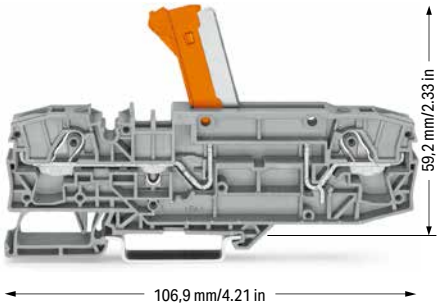
Series Item No.		Overload and short circuit protection		Short circuit protection only	
		Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
		Fused disconnect terminal blocks			
2006-1611	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-1621	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-1631	7.5	1.6 W	1.6 W	2.5 W	2.5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

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

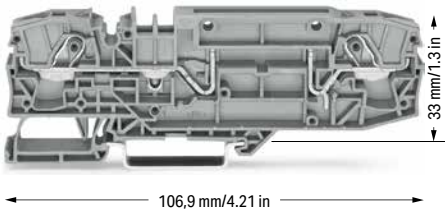


2-conductor disconnect/test terminal block; with test point; orange disconnect link

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

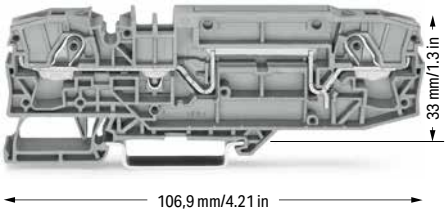
Accessories; item-specific

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

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

white	2009-115	1

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

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	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 14)

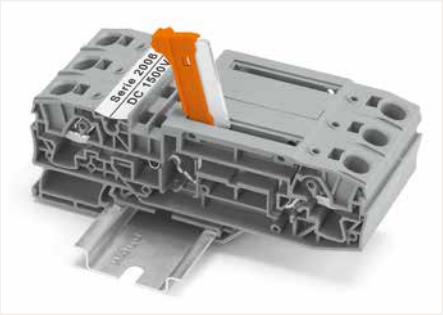
Please observe the application notes:
Marking, from page 246

Protective warning markers must be applied individually.

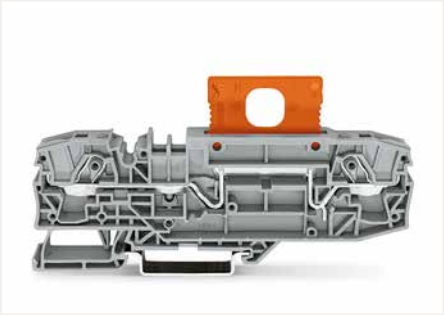
Approvals and corresponding ratings,
visit www.wago.com

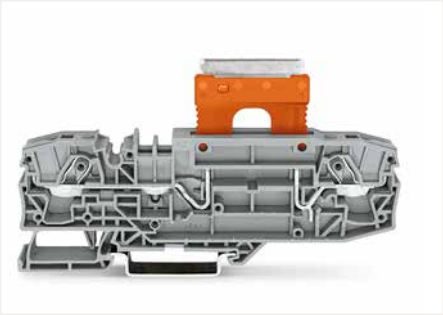
Both 2006-8671 and 2006-8661 Disconnect Terminal Blocks are specially designed for use in photovoltaic and wind power systems, where voltages exceeding 1,000 V (IEC) and 600 V (UL) occur (e.g., generator junction boxes).

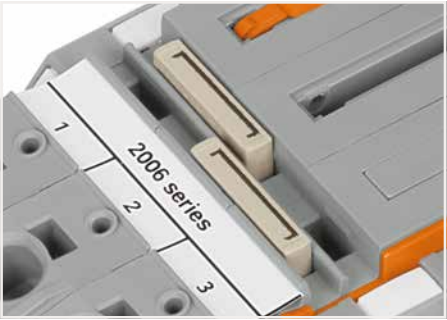
- Ideal for high voltages in renewable energy applications
- **Disconnect terminal blocks with two alternative disconnect options:**
  with orange knife disconnect (2006-8671)
  with orange disconnect plug (2006-8661)
- These 2006 Series terminal blocks are approved for 1,500 VDC (IEC) or 1,000 VDC (UL) 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



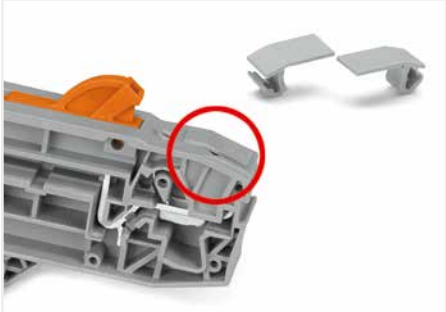
Disconnect/test terminal block with knife disconnect (2006-8671) in disconnect position

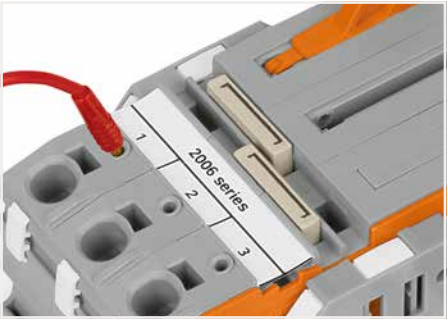

Carrier terminal block with disconnect plug (2006-8401) in operating position


Carrier terminal block with disconnect plug (2006-8401) in parked position



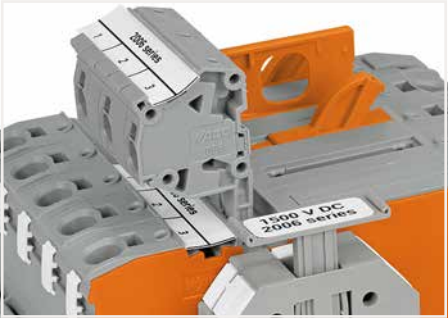
Commoning a 15 mm-wide terminal block via push-in type jumper bars: 1 to 3 (2006-433) and 1 to 5 (2006-435).


Cover (2006-191) seals unused conductor entry.



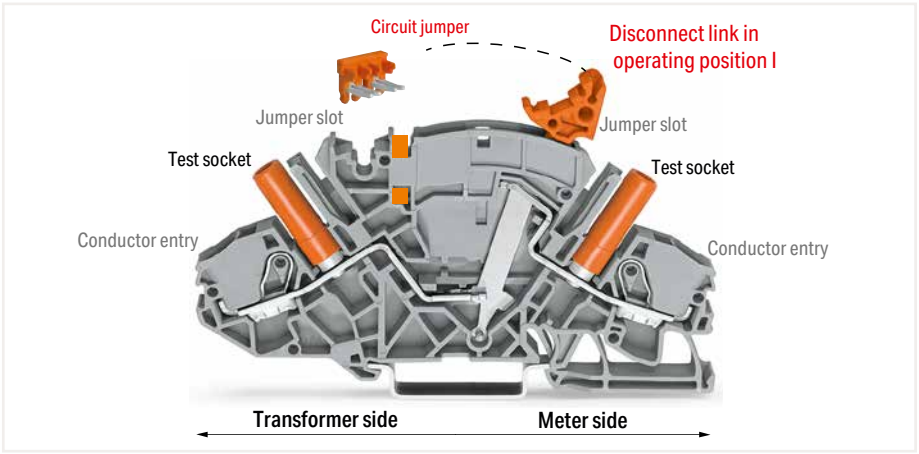
Test slots on both terminal block sides allow for direct measurement.

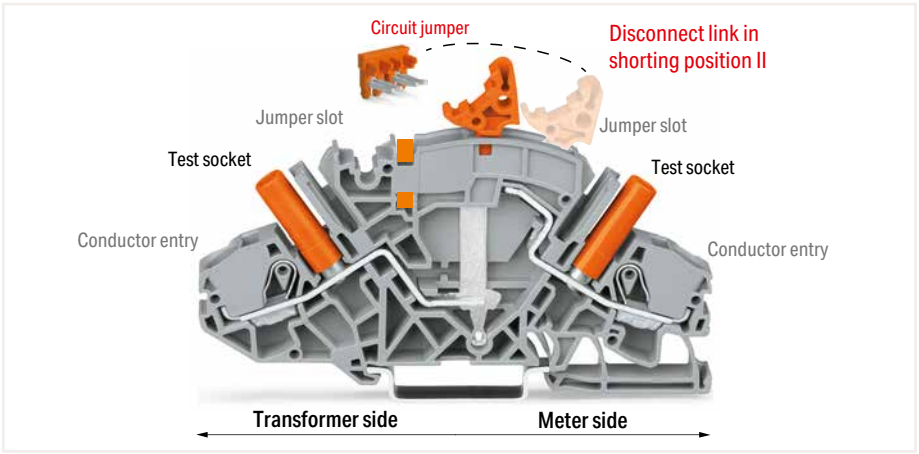

Test slots on both terminal block sides allow for direct measurement.

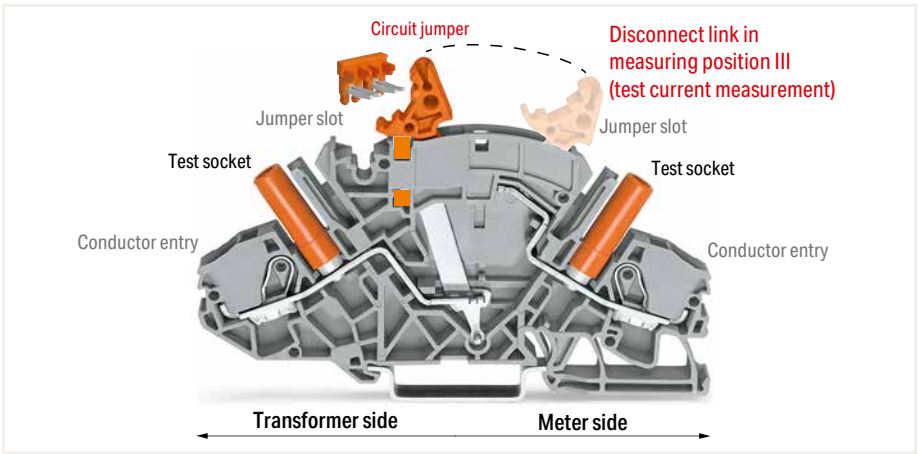


Alternatively, measurement can also be performed using Connectors (2006-511) from terminal block 1 to 2. Spacer modules (2006-549) must be used to compensate for the 15 mm terminal block width.

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:

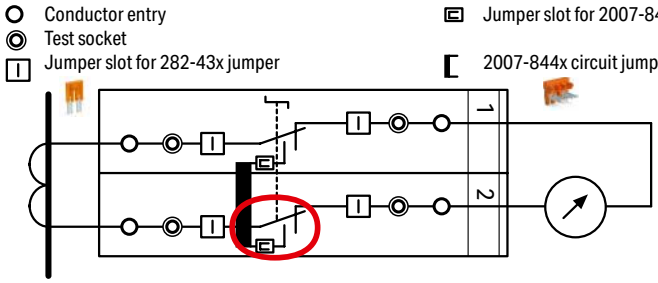
- Top-of-unit circuit jumper slot for shorting path activation
- Disconnect link provides intuitive and easy operation, as well as exact switching status indication.
- Combines high functionality with compact design (99.6 mm long and 8 mm wide).
- All 2007 Series terminal blocks are rated at 30 A/500 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.

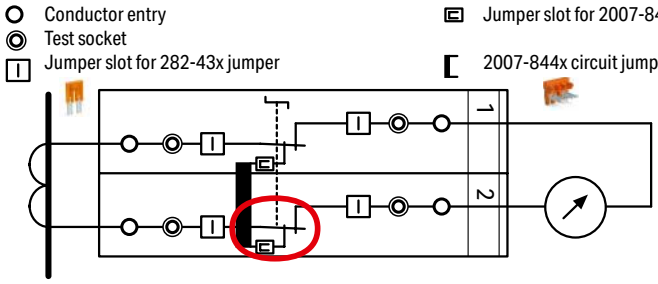
Using locking covers or profiles for adjacent terminal blocks allows disconnect links to be operated simultaneously.

Implementing a Current and Voltage Transformer Circuit TOPJOB® S



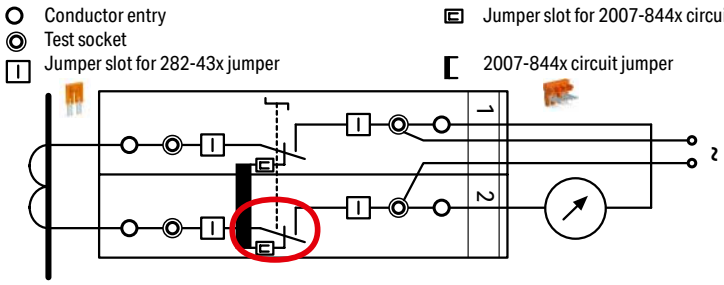
Disconnect link in operating position I
Terminal blocks required:
2 x disconnect/test terminal block (2007-8821)
1 x circuit jumper, orange (2007-8442)
Locking covers or interlocking links (option)

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.



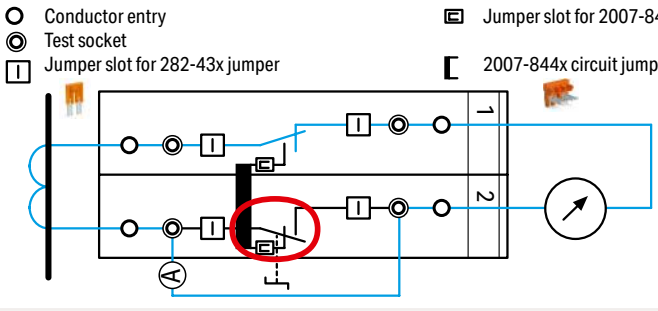
Disconnect link in shorting position II

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.

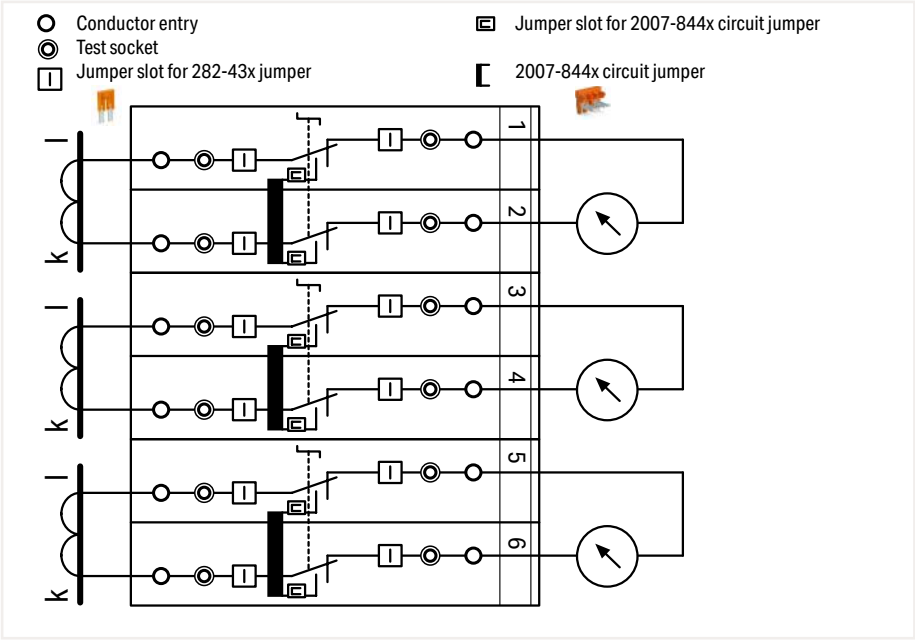


Measurement testing (using both test sockets)
Terminal block 1: Disconnect link in operating position I
Terminal block 2: Disconnect link in measuring position III

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).

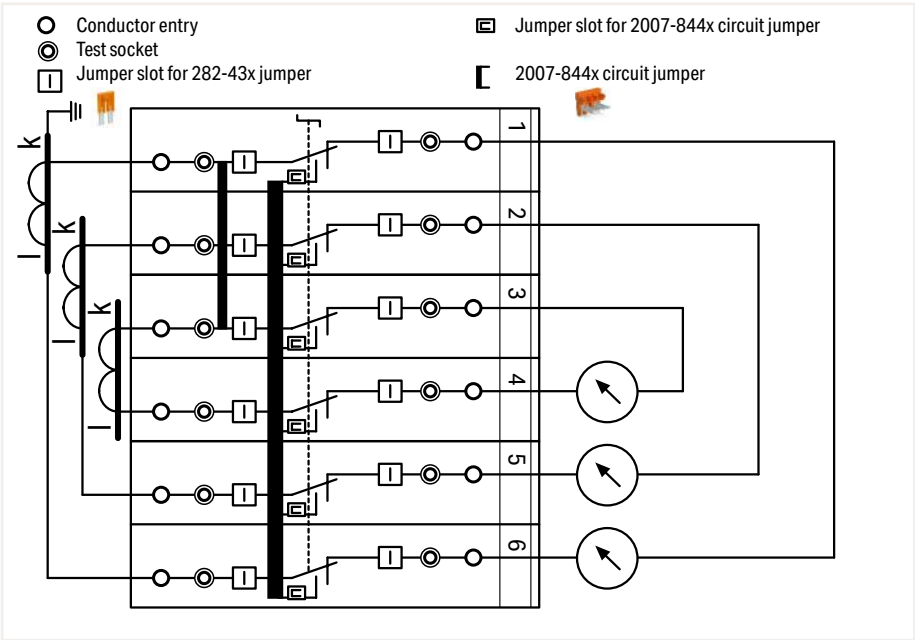
Examples for Current Transformer Circuits TOPJOB® S

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



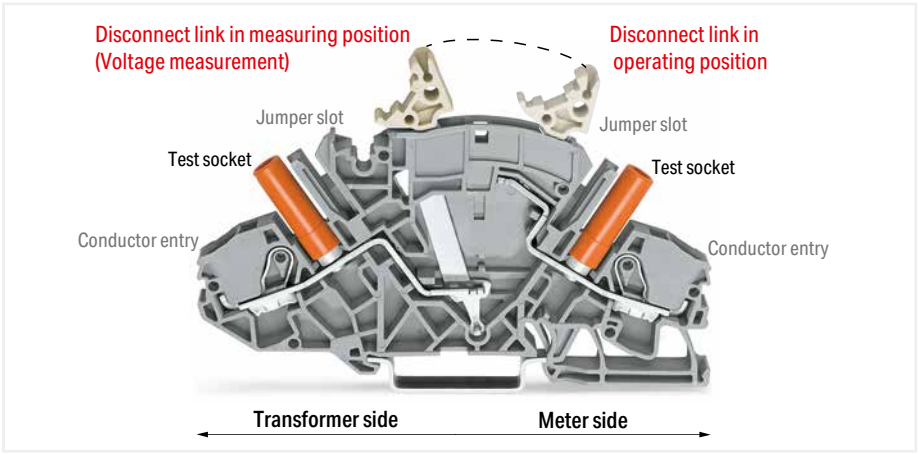
Pairs of disconnect links are interconnected via locking cover or interlocking link. Measurement testing is performed after the interlocking is released.

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.

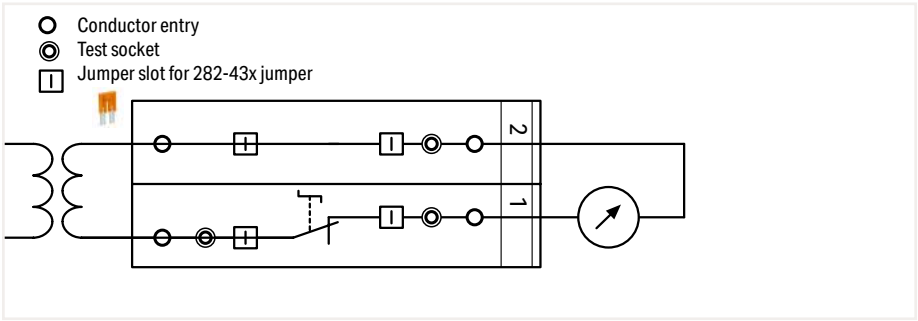
First, disconnect the voltage transformer from the circuit (move disconnect link from operating position to measurement position). Connecting a measurement device via test socket on the meter side can only be performed after disconnection is complete (measuring position).

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.

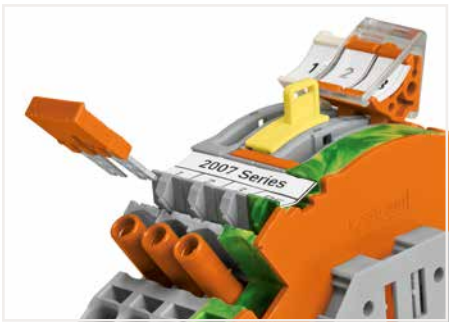
Example for voltage transformer testing:
Measuring set for single-phase voltage transformer testing
Terminal blocks required:

- 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.



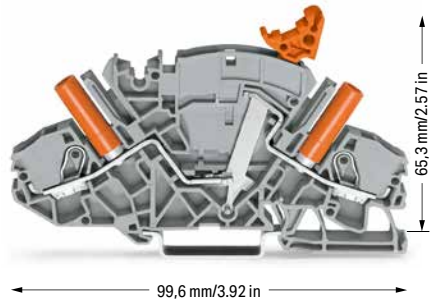
Additional commoning option on the transformer side

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

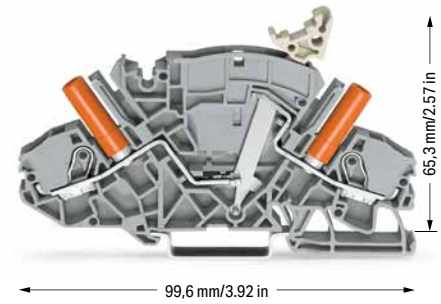
Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
500 V/6 kV/3 ❷	300 V, 30 A
I_N 30 A	
Terminal block width: 8 mm / 0.315 inch	
13 … 15 mm / 0.51 … 0.59 inch	



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

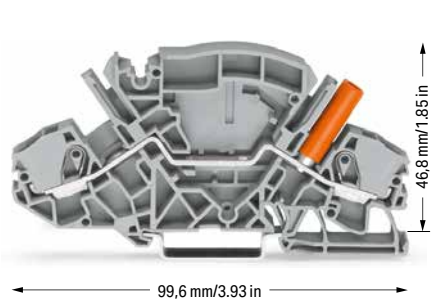
Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
500 V/6 kV/3 ❷	300 V, 30 A
I_N 30 A	
Terminal block width: 8 mm / 0.315 inch	
13 … 15 mm / 0.51 … 0.59 inch	



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	
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)

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)

Interlocking link; mechanically locks multiple links; 1 m long

transparent	210-254	1

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)

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

plain	793-5501	5

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

white	2009-110	1

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

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 14)

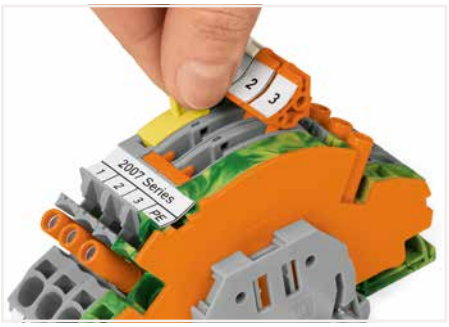
Please observe the application notes:
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Marking via WMB Multi markers or marking strips.

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



Lock-out prevents accidental operation of disconnect link.

Lock-out snaps into one of two notched positions.

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

k/l (50x)	794-5553/000-002	5

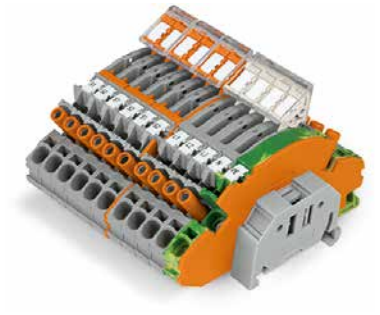
WMB marking card; 10 strips with 10 markers/card; stretchable 5 … 5.2 mm; blue

U/V (50x)	794-5554/000-006	5

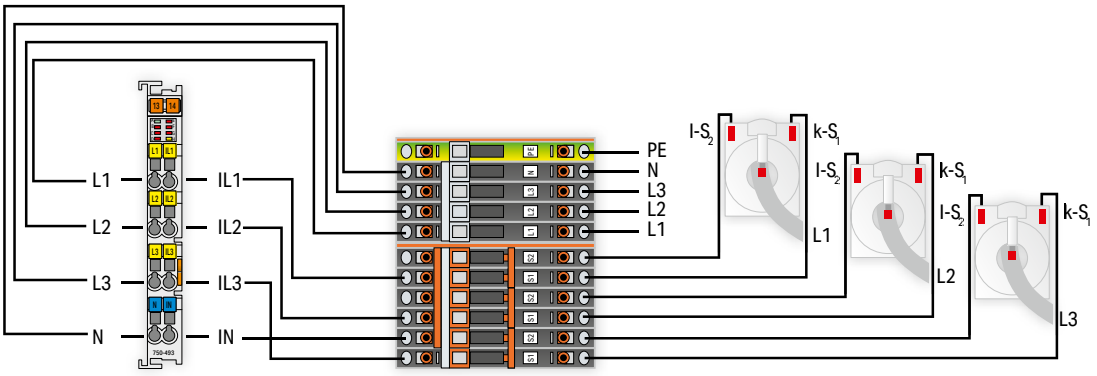
Interlocking link mechanically locks multiple links for multi-pole switching applications.

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



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

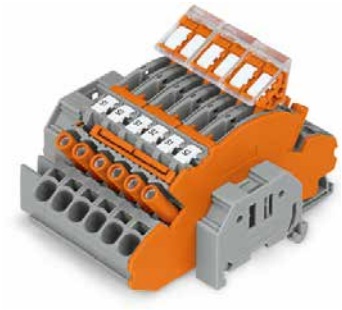


3-Phase Power Measurement Module, 750 Series

Terminal Block Assembly for Current and Voltage Transformers, 2007 Series

Current Transformers, 855 Series

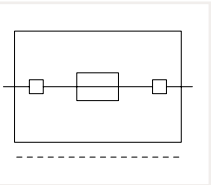
PUSH-IN CAGE CLAMP®



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

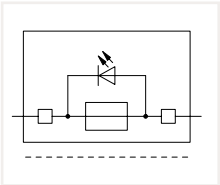
Technical Data
250 V / I_N 6.3 A
Plug width: 6.1 mm / 0.24 inch



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

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; plain; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	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

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

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

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

End and intermediate plate; 1 mm thick

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

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

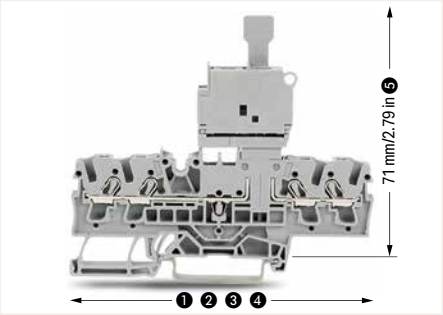
L/N	2002-2963	50

End and intermediate plate; 1 mm thick

orange	2002-2992	100 (25)
gray	2002-2991	100 (25)

PUSH-IN 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

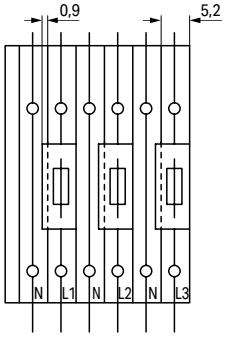
Using fuse plugs with rail-mount terminal blocks for control circuit protection is highly advantageous because the function and wiring levels are separated:
- No additional cost for assembly and wiring
- No risk of accidental contact with live parts when disconnecting the fuse plug
- The fuse plug is 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.

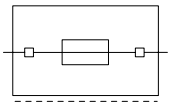


Open side of terminal block left

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

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

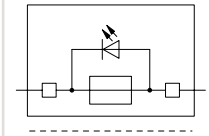
End plate for fuse terminal blocks; 2 mm thick

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)

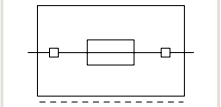
Shorting link; 5 x 20 mm; allows the fuse plug to be used as a disconnect plug

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

Screwless end stop; for DIN-35 rail; 6 mm wide

gray	249-116	100 (25)

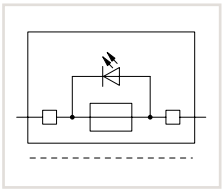
Screwless end stop; for DIN-35 rail; 10 mm wide

gray	249-117	50 (25)

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

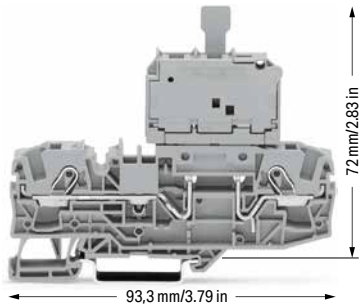
	Item No.	Pack. Unit
12 … 30 V	2006-931/1099-541	25
30 … 65 V	2006-931/1099-542	25
230 V	2006-931/1099-836	25
380 … 500 V	2006-931/1099-859	25

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

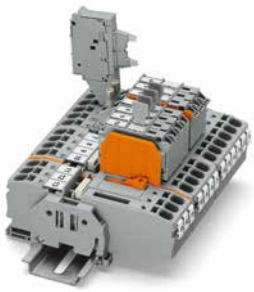


Using fuse plugs with rail-mount terminal blocks for control circuit protection is highly advantageous because the function and wiring levels are separated:

- 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



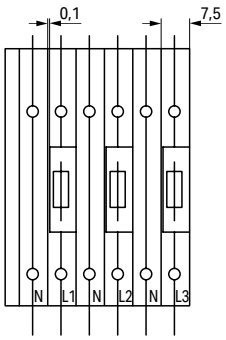
Pivoting fuse holder with spare fuse holder

The end plate ensures that the fuse can only be removed when the fuse plug is pulled out.

Glass cartridge fuses

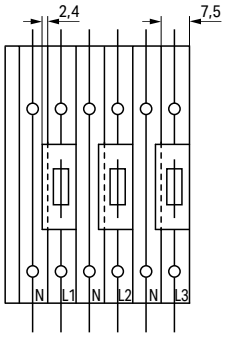
Series Item No.		Overload and short circuit protection		Short circuit protection only	
		Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
		Fused disconnect terminal blocks			
2006-911	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-921	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-931	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-931 /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.

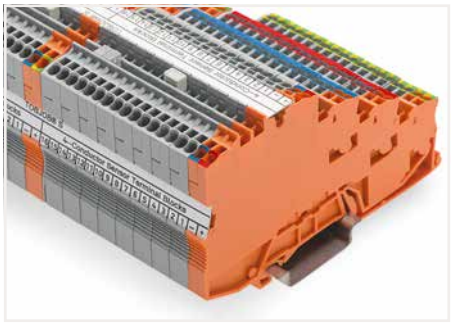
Sensor Terminal Blocks and Actuator Terminal Blocks TOPJOB® S
2000 Series
Description and Installation

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.

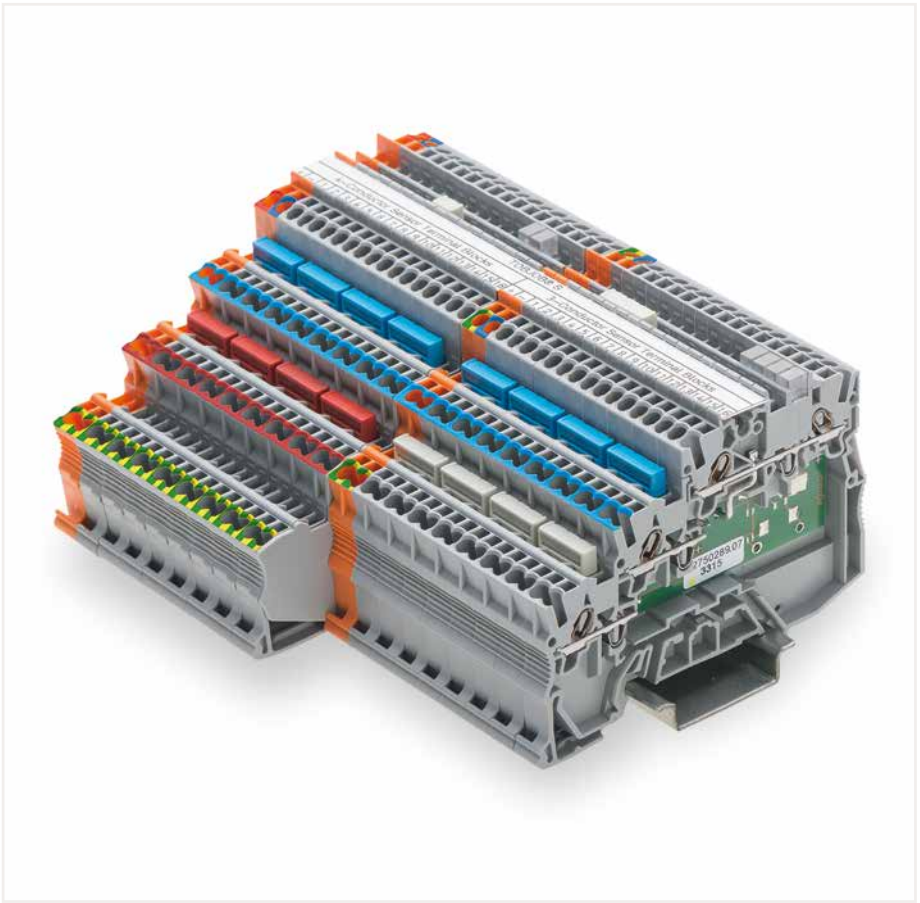
Upper level: two independent signal pathways

Commoning (potential level):
Commoning potential levels via push-in type jumper bars (2000 Series).

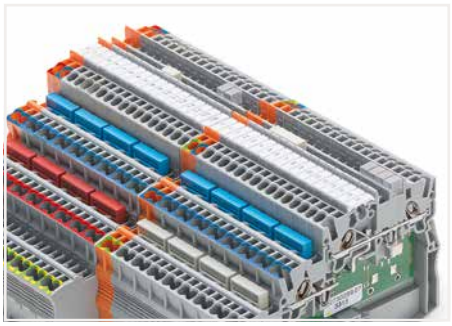
Power supply:
Orange supply terminal block of same profile from both the cabinet and sensor sides



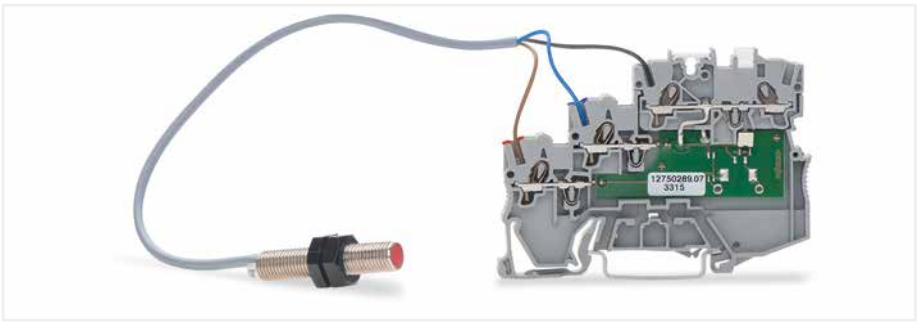
Marking:
Marking strips (2009-110) – from the top or the side



Terminal block assembly with 4-conductor sensor terminal blocks and 3-conductor actuator terminal blocks



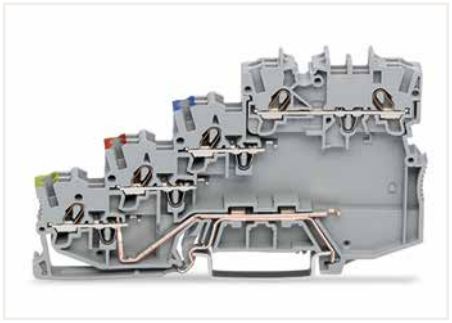
Marking:
3.5 mm WMB markers (793-35xx) from the top or the side – additional marking option via marker carrier



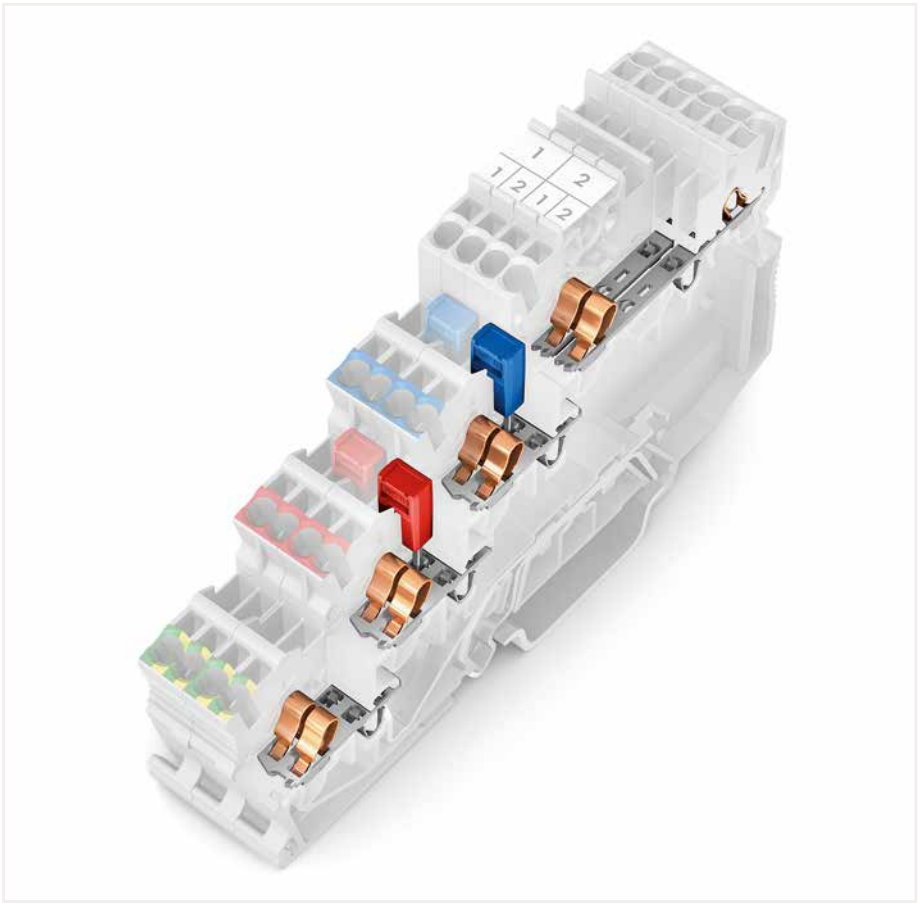
3-conductor sensor LED terminal block with a connected sensor

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

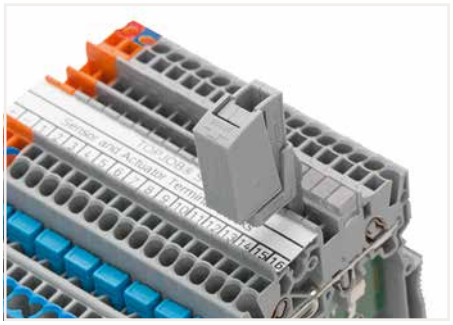


4-conductor sensor terminal block with ground contact

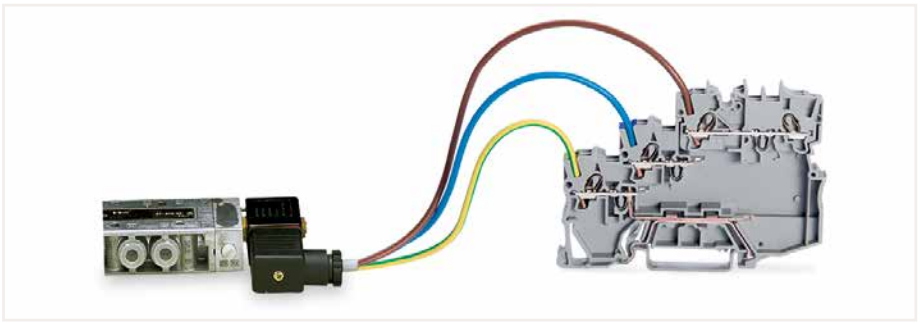


Upper level: two independent signal pathways, in 3.5 mm spacing per pole, with a dual jumper slot
Lower levels: two interconnected potential clamping units, with a single jumper slot, can be commoned in both directions

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).

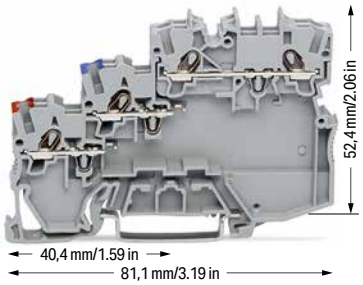


3-conductor actuator LED terminal block with a connected actuator

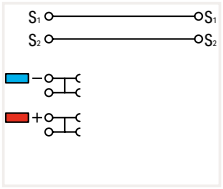
Testing via test plug adapter (2009-174) (up to max. 42 V).

3-Conductor Sensor Terminal Block TOPJOB® S
1 (1.5) mm²; 2000 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
250 V/4 kV/3 ❷	300 V, 10 A
I_N 13.5 A	
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



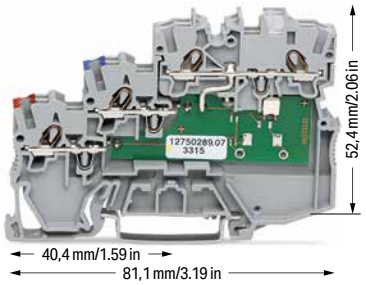
2000-5311



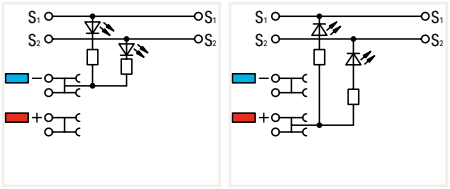
3-conductor sensor terminal block

Color	Item No.	Pack. Unit
gray	2000-5311	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
24 VDC	24 VDC
I_N 13.5 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

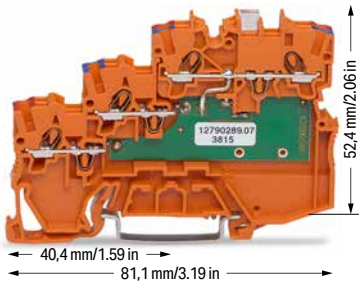


3-conductor sensor terminal block; yellow LED; for PNP (high-side) switching sensors

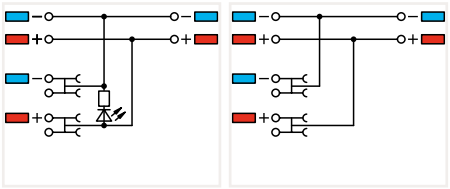
Color	Item No.	Pack. Unit
gray	2000-5311/1102-950	50

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

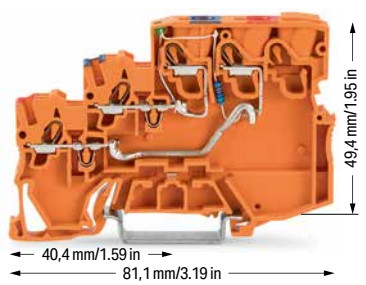


3-conductor sensor LED supply terminal block; green LED; 24 VDC

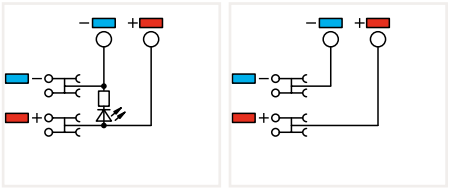
Color	Item No.	Pack. Unit
orange	2000-5372/1102-953	15

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 14)

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 160

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

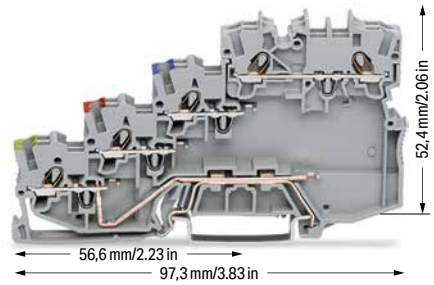
plain	793-3501	5

Operating tool with a partially insulated shaft; type 1; (2.5 x 0.4) mm blade

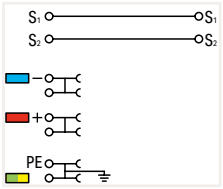
	210-719	1

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, 10 A
I_N 13.5 A	
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



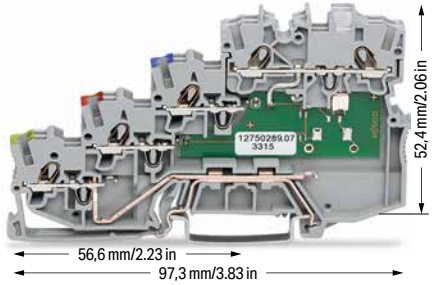
2000-5417



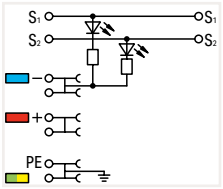
4-conductor sensor terminal block; with ground connection

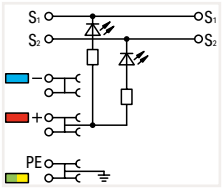
Color	Item No.	Pack. Unit
gray	2000-5417	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
24 VDC	24 VDC
I_N 13.5 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



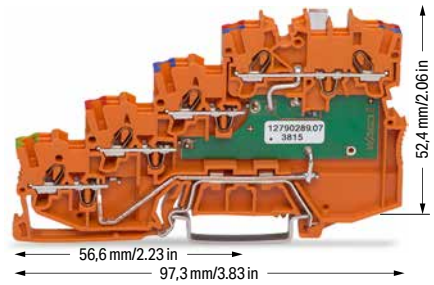


4-conductor sensor LED terminal block; yellow LED; for PNP (high-side) switching sensors; with ground connection

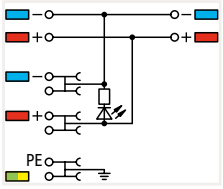
Color	Item No.	Pack. Unit
gray	2000-5417/1102-950	50

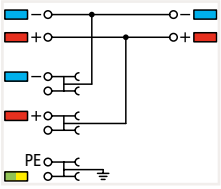
4-conductor sensor terminal block; yellow LED; for NPN (low-side) switching sensors; with ground connection

gray	2000-5417/1101-951	50



2000-5477/1102-953 2000-5477



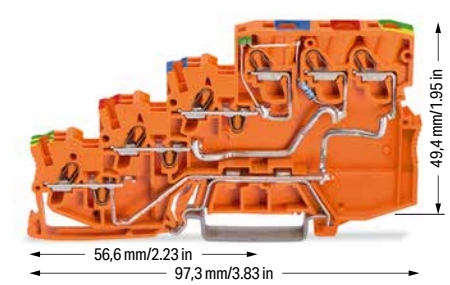


4-conductor sensor LED supply terminal block; green LED; 24 VDC; with ground connection

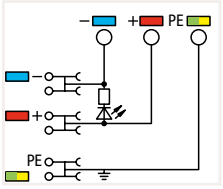
Color	Item No.	Pack. Unit
orange	2000-5477/1102-953	15

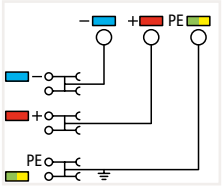
4-conductor sensor supply terminal block; max. 250 V; internally commoned; with ground connection

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 14)

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 160

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

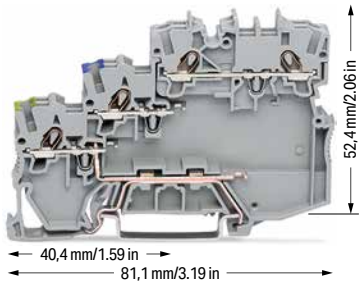
plain	793-3501	5

Operating tool with a partially insulated shaft; type 1; (2.5 x 0.4) mm blade

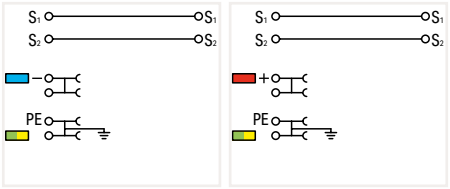
	210-719	1

3-Conductor Actuator Terminal Block TOPJOB® S
1 (1.5) mm²; 2000 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
250 V/4 kV/3 ❷	300 V, 10 A
I_N 13.5 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

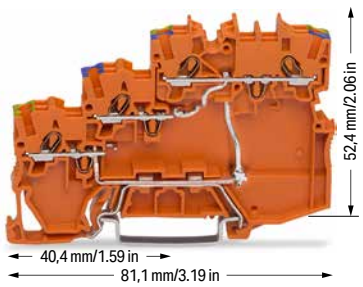


3-conductor actuator terminal block; for PNP (high-side) switching actuators; with ground connection

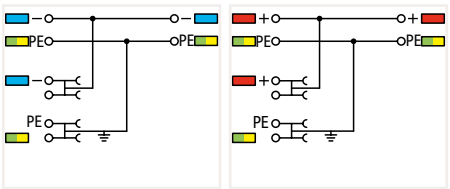
Color	Item No.	Pack. Unit
gray	2000-5317/102-000	50

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



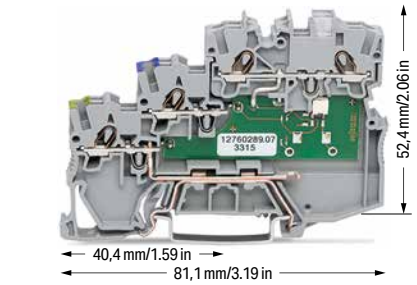
3-conductor actuator supply terminal block; max. 250 V; for PNP (high-side) switching actuators; with ground connection; internally commoned

Color	Item No.	Pack. Unit
orange	2000-5377/102-000	15

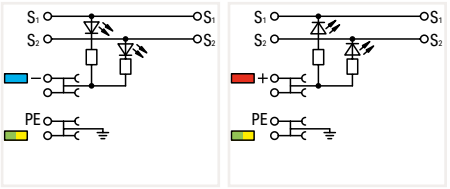
3-conductor actuator supply terminal block; max. 250 V; for NPN (low-side) switching actuators; with ground connection

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 VDC
I_N 13.5 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

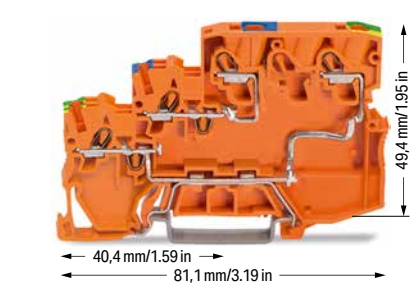


3-conductor actuator terminal block; yellow LED; for PNP (high-side) switching actuators; with ground connection

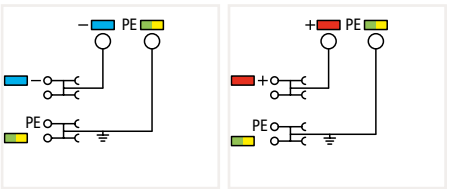
Color	Item No.	Pack. Unit
gray	2000-5317/1102-950	50

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 14)

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 160

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

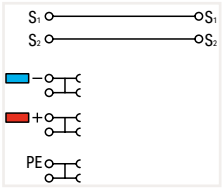
Operating tool with a partially insulated shaft; type 1; (2.5 x 0.4) mm blade

	210-719	1

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, 10 A
I_N 13.5 A	
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	

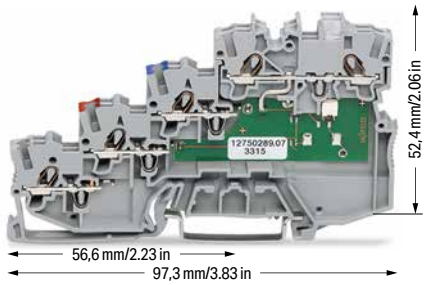
2000-5410



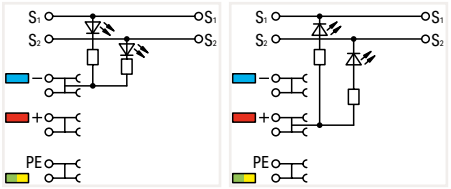
4-conductor sensor terminal block; with ground via push-in type jumper bar

Color	Item No.	Pack. Unit
gray	2000-5410	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
24 VDC	24 VDC
I_N 13.5 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

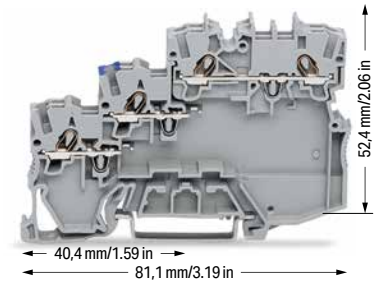


4-conductor sensor LED terminal block; yellow LED; for PNP (high-side) switching sensors; with ground via push-in type jumper bar

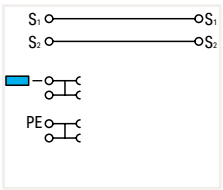
Color	Item No.	Pack. Unit
gray	2000-5410/1102-950	50

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

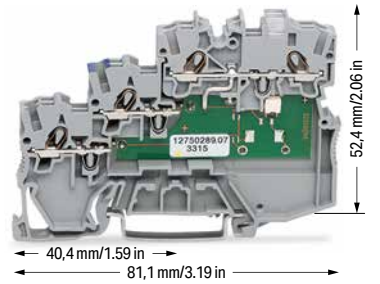


3-conductor actuator terminal block; for PNP (high-side) switching actuators; with ground via push-in type jumper bar

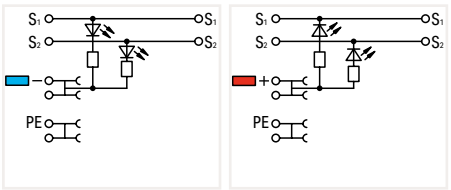
Color	Item No.	Pack. Unit
gray	2000-5310/102-000	50

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 14)

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 160

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

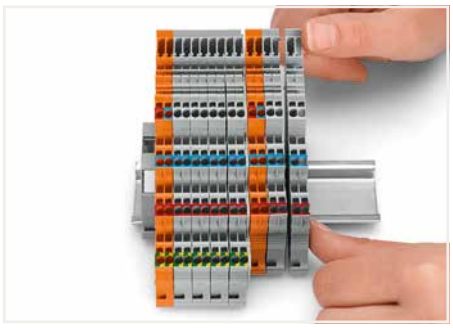
Operating tool with a partially insulated shaft; type 1; (2.5 x 0.4) mm blade

	210-719	1

PUSH-IN CAGE CLAMP®

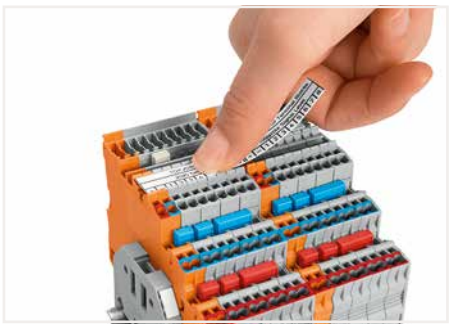
Sensor Terminal Blocks and Actuator Terminal Blocks TOPJOB® S; with Pluggable Signal Level 2020 Series

Description and Installation

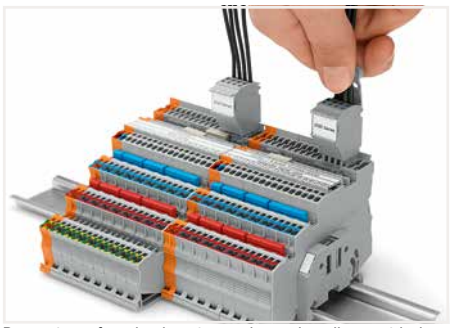


Snap individual terminal blocks onto the DIN-rail and slide together.

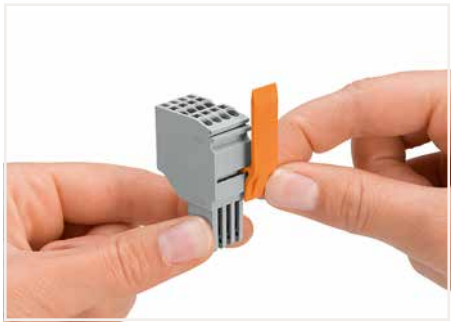
Separate terminal block assembly and slide individual terminal blocks laterally using an operating tool.



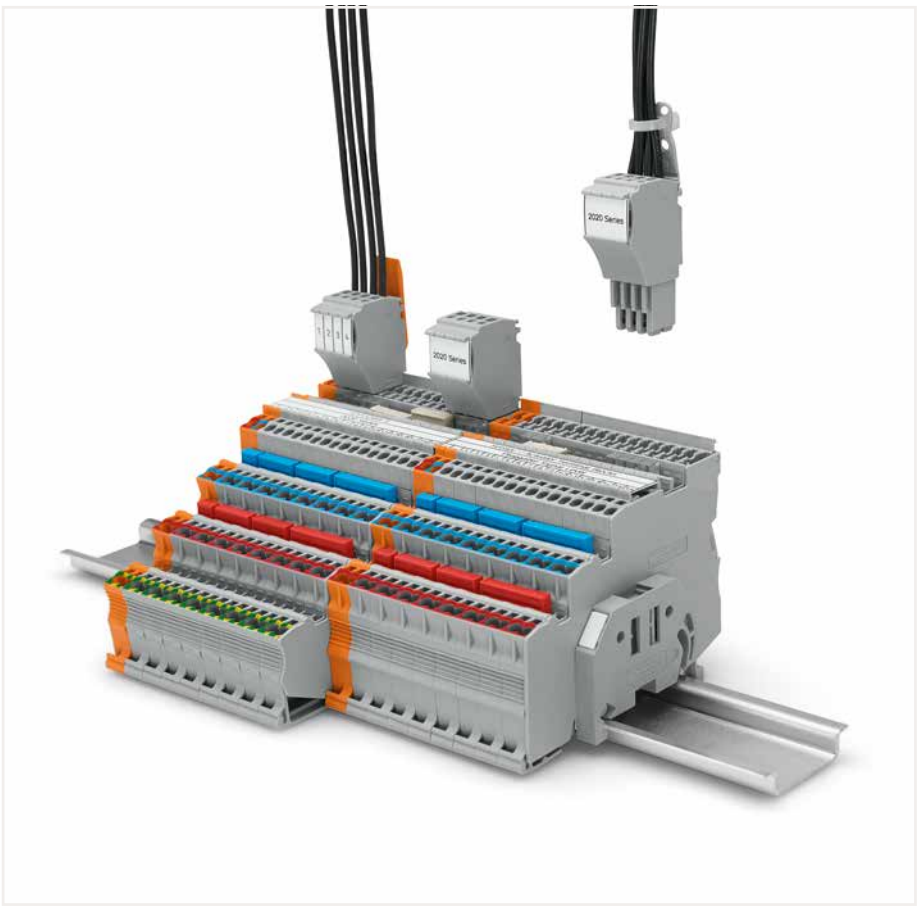
Labeling terminal blocks via marking strips (2009-110) or 3.5 mm wide WMB markers (793-35xx) – from the top or the side.



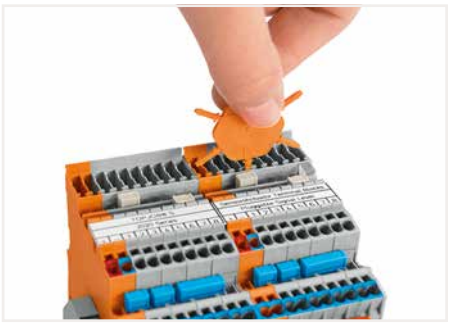
Removing a female plug via conductor bundle provided with strain relief plate.



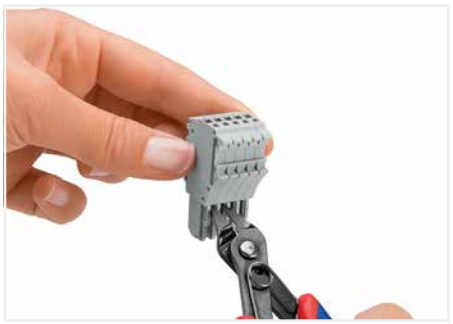
Slide the locking lever into position.



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.

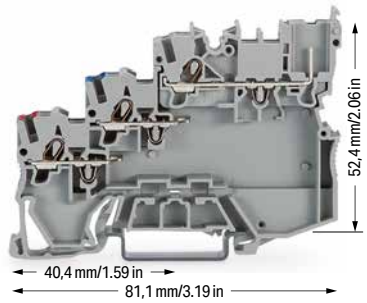


Remove the coding finger using a cutting tool.

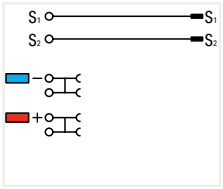
PUSH-IN CAGE CLAMP®

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, 10 A
I_N 13.5 A	
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



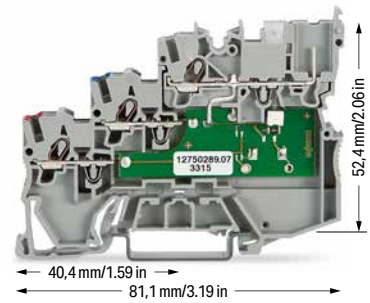
2020-5311



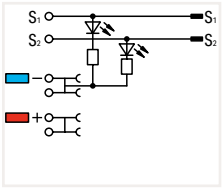
3-conductor sensor terminal block; with pluggable signal level

Color	Item No.	Pack. Unit
gray	2020-5311	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
24 VDC	24 VDC
I_N 13.5 A	
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



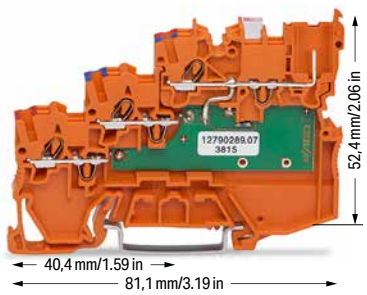
2020-5311/1102-950



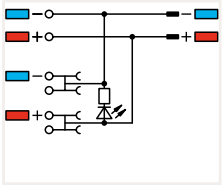
3-conductor sensor terminal block; yellow LED; for PNP (high-side) switching sensors; with pluggable signal level

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.

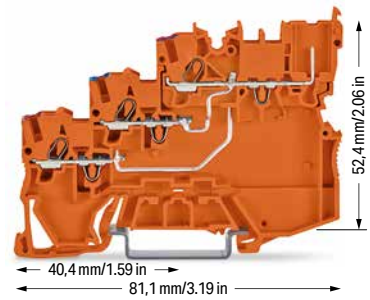


2020-5372/1102-953

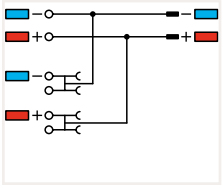


3-conductor sensor LED supply terminal block; green LED; 24 VDC; with pluggable signal level

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 14)

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 160

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

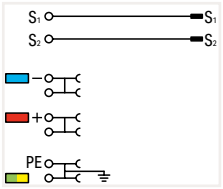
Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

4-Conductor Sensor Terminal Block TOPJOB® S; with Pluggable Signal Level
1 (1.5) mm²; 2020 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
250 V/4 kV/3 ❷	300 V, 10 A
I_N 13.5 A	
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	

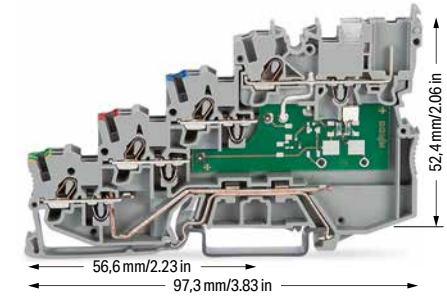
2020-5417



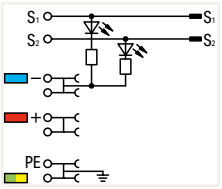
4-conductor sensor terminal block; with ground connection; with pluggable signal level

Color	Item No.	Pack. Unit
gray	2020-5417	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
24 VDC	24 VDC
I_N 13.5 A	
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



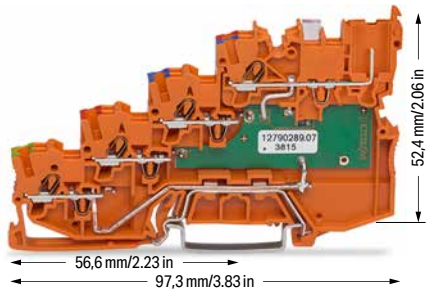
2020-5417/1102-950



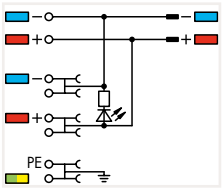
4-conductor sensor terminal block; yellow LED; for PNP (high-side) switching sensors; with ground connection; with pluggable signal level

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.

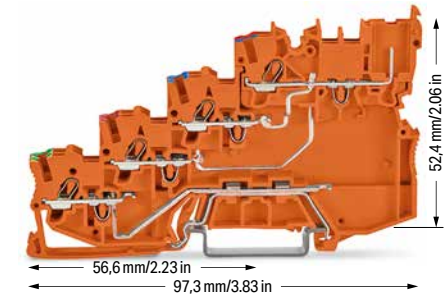


2020-5477/1102-953

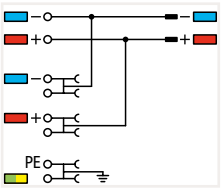


4-conductor sensor LED supply terminal block; green LED; 24 VDC; with ground connection; with pluggable signal level

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 14)

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 160

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

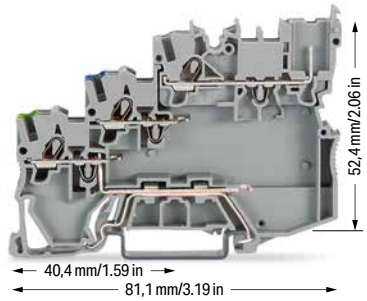
Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

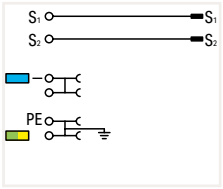
PUSH-IN CAGE CLAMP®

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, 10 A
I_N 13.5 A	
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



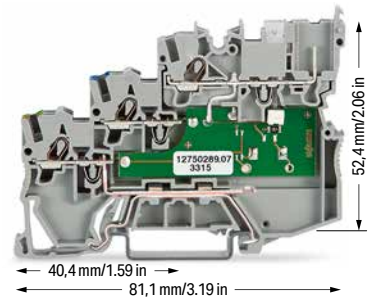
2020-5317/102-000



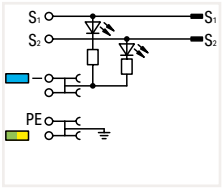
3-conductor actuator terminal block; for PNP (high-side) switching actuators; with ground connection; with pluggable signal level

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 VDC
I_N 13.5 A	
Terminal block width: 7 mm / 0.276 inch ❸	
9 … 11 mm / 0.35 … 0.43 inch	



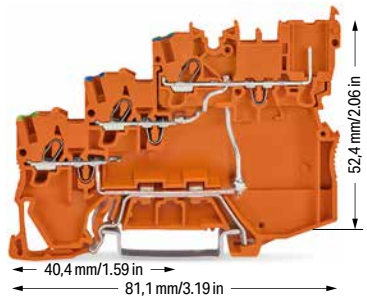
2020-5317/1102-950



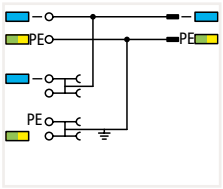
3-conductor actuator terminal block; yellow LED; for PNP (high-side) switching actuators; with ground connection; with pluggable signal level

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 14)

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 160

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

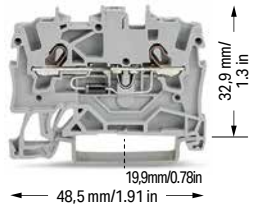
gray	2020-202	100

Test plug adapter; for 4 mm Ø test plug

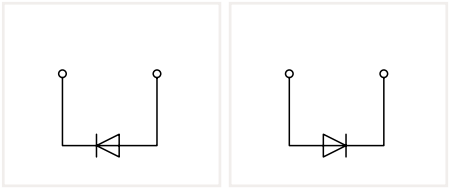
gray	2009-174	100 (25)

Diode Terminal Block, LED Terminal Block TOPJOB® S
1.5 (2.5) mm²; 2001 Series

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



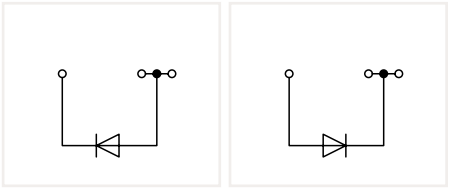
2-conductor diode terminal block; with 1N4007 diode

Color	Item No.	Pack. Unit
gray	2001-1211/1000-411	100
gray	2001-1211/1000-410	100

Other terminal blocks with the same profile:		
Through	2001-1201	Page 36

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

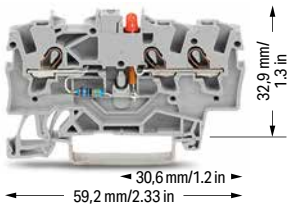


3-conductor diode terminal block; with 1N4007 diode

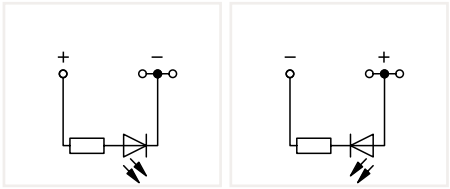
Color	Item No.	Pack. Unit
gray	2001-1311/1000-411	100
gray	2001-1311/1000-410	100

Other terminal blocks with the same profile:		
Through	2001-1301	Page 36

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	



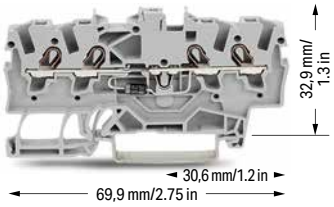
2001-1321/1000-434 2001-1321/1000-413



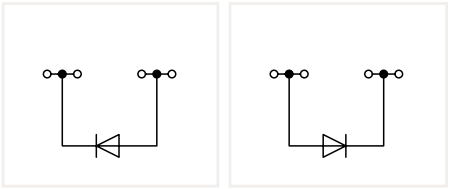
3-conductor LED terminal block; with red LED
Notice: This LED terminal block cannot be commoned with push-in type jumper bars.

Color	Item No.	Pack. Unit
gray	2001-1321/1000-434	100
gray	2001-1321/1000-413	100

Other terminal blocks with the same profile:		
Through	2001-1301	Page 36



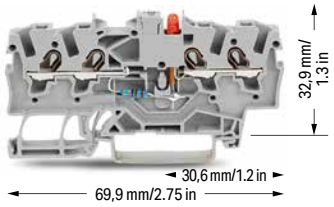
2001-1411/1000-411 2001-1411/1000-410



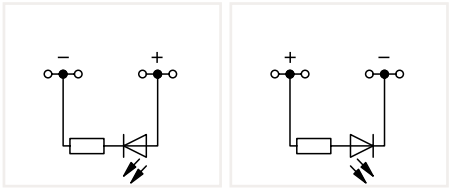
4-conductor diode terminal block; with 1N4007 diode

Color	Item No.	Pack. Unit
gray	2001-1411/1000-411	100
gray	2001-1411/1000-410	100

Other terminal blocks with the same profile:		
Through	2001-1401	Page 36



2001-1411/1000-434 2001-1411/1000-413



4-conductor LED terminal block; with red LED
Notice: This LED terminal block cannot be commoned with push-in type jumper bars.

Color	Item No.	Pack. Unit
gray	2001-1421/1000-434	100
gray	2001-1421/1000-413	100

Other terminal blocks with the same profile:		
Through	2001-1401	Page 36

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

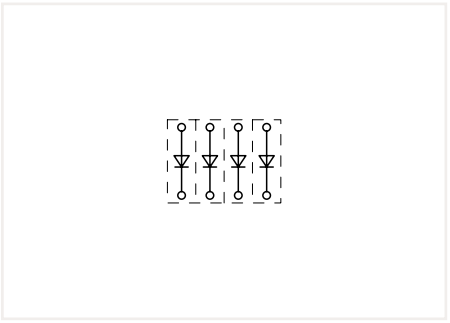
	light gray	**2001-171**	200 (25)

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

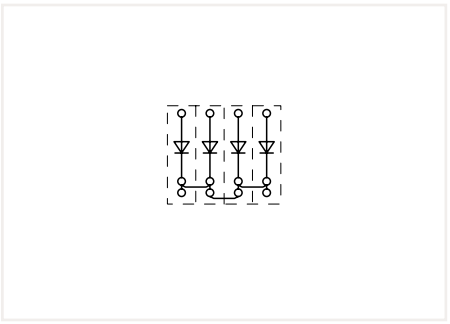
Push-in type jumper bar; insulated; I_N 18 A; light gray

	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

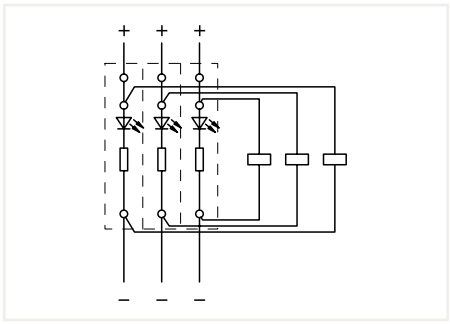


Open diode gates can be created using the following terminal blocks:
2001-1211/1000-410 or 2001-1211/1000-411

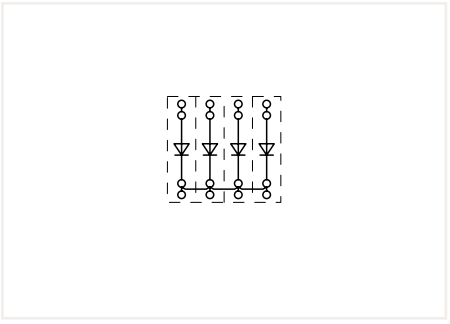
These diode terminal blocks have been specially developed for custom diode circuits, such as lamp test and collective fault signal circuits.



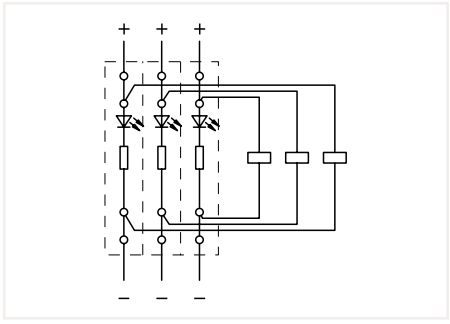
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2001-1311/1000-410 or 2001-1311/1000-411



Circuit-related voltage indications can be created using the following terminal blocks:
2001-1321/1000-434 or 2001-1321/1000-413



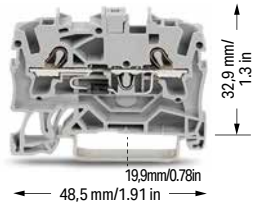
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2001-1411/1000-410 or 2001-1411/1000-411



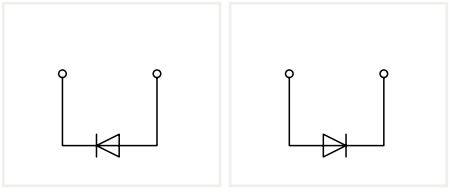
Circuit-related voltage indications can be created using the following terminal blocks:
2001-1421/1000-434 or 2001-1421/1000-413

Diode Terminal Block, LED Terminal Block TOPJOB® S
2.5 (4) mm²; 2002 Series

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

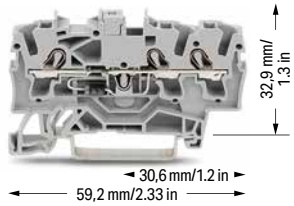


2-conductor diode terminal block; with 1N4007 diode

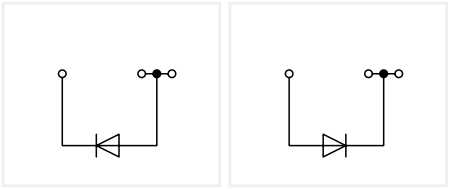
Color	Item No.	Pack. Unit
gray	2002-1211/1000-411	100
gray	2002-1211/1000-410	100

Other terminal blocks with the same profile:		
Through	2002-1201	Page 38

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

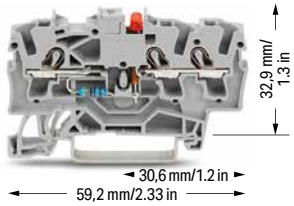


3-conductor diode terminal block; with 1N4007 diode

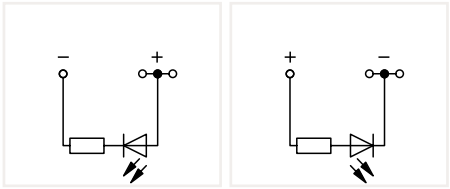
Color	Item No.	Pack. Unit
gray	2002-1311/1000-411	100
gray	2002-1311/1000-410	100

Other terminal blocks with the same profile:		
Through	2002-1301	Page 38

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	



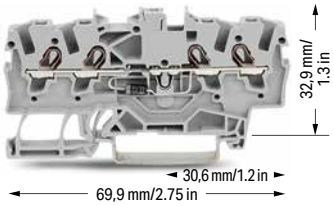
2002-1321/1000-434 2002-1321/1000-413



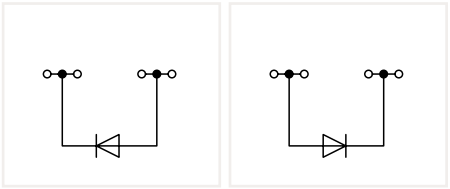
3-conductor LED terminal block; with red LED
Notice: This LED terminal block cannot be commoned with push-in type jumper bars.

Color	Item No.	Pack. Unit
gray	2002-1321/1000-434	100
gray	2002-1321/1000-413	100

Other terminal blocks with the same profile:		
Through	2002-1301	Page 38



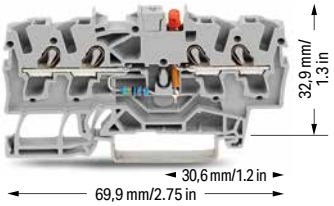
2002-1411/1000-411 2002-1411/1000-410



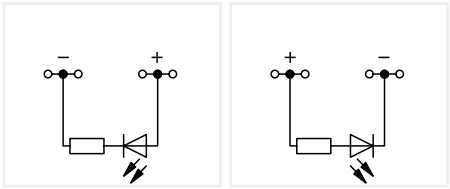
4-conductor diode terminal block; with 1N4007 diode

Color	Item No.	Pack. Unit
gray	2002-1411/1000-411	100
gray	2002-1411/1000-410	100

Other terminal blocks with the same profile:		
Through	2002-1401	Page 38



2002-1411/1000-434 2002-1411/1000-413



4-conductor LED terminal block; with red LED
Notice: This LED terminal block cannot be commoned with push-in type jumper bars.

Color	Item No.	Pack. Unit
gray	2002-1421/1000-434	100
gray	2002-1421/1000-413	100

Other terminal blocks with the same profile:		
Through	2002-1401	Page 38

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

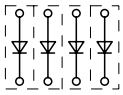
Appropriate marking systems: WMB/WMB Inline/Marking strips

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

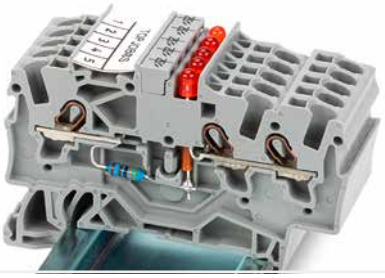
Insulation stop; 5 pcs/strip; 0.75 … 1 mm²			
	dark gray	**2002-172**	200 (25)

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

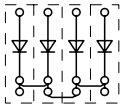
Push-in type jumper bar; insulated; I_N 25 A; light gray			
	1 to 3	**2002-433**	25
	1 to 4	**2002-434**	25
	1 to 5	**2002-435**	25
	1 to 6	**2002-436**	25
	1 to 7	**2002-437**	25
	1 to 8	**2002-438**	25
	1 to 9	**2002-439**	25
	1 to 10	**2002-440**	25



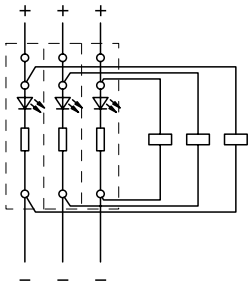
Open diode gates can be created using the following terminal blocks:
2002-1211/1000-410 or 2002-1211/1000-411



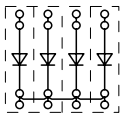
Using LED terminal blocks, monitoring units can be designed, e.g., for control and operating circuits.



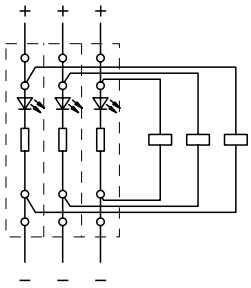
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2002-1311/1000-410 or 2002-1311/1000-411



Circuit-related voltage indications can be created using the following terminal blocks:
2002-1321/1000-434 or 2002-1321/1000-413



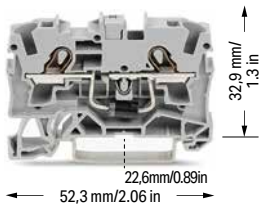
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2002-1411/1000-410 or 2002-1411/1000-411



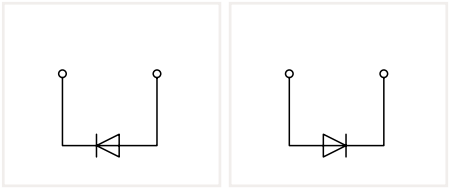
Circuit-related voltage indications can be created using the following terminal blocks:
2002-1421/1000-434 or 2002-1421/1000-413

Diode Terminal Block TOPJOB® S
4 (6) mm²; 2004 Series

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	



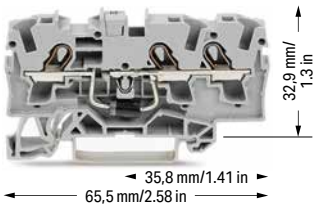
2004-1211/1000-401 2004-1211/1000-400



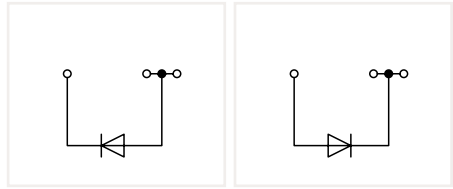
2-conductor diode terminal block; with 1N5408 diode		
Color	Item No.	Pack. Unit
gray	2004-1211/1000-401	50
gray	2004-1211/1000-400	50

Other terminal blocks with the same profile:		
Through	2004-1201	Page 42

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	



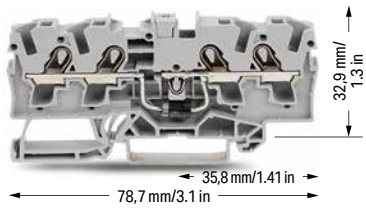
2004-1311/1000-401 2004-1311/1000-400



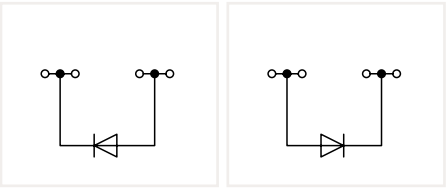
3-conductor diode terminal block; with 1N5408 diode		
Color	Item No.	Pack. Unit
gray	2004-1311/1000-401	50
gray	2004-1311/1000-400	50

Other terminal blocks with the same profile:		
Through	2004-1301	Page 42

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		
Color	Item No.	Pack. Unit
gray	2004-1411/1000-401	50
gray	2004-1411/1000-400	50

Other terminal blocks with the same profile:		
Through	2004-1401	Page 42

PUSH-IN CAGE CLAMP®

Diode Terminal Blocks TOPJOB® S
Circuit Configuration Examples

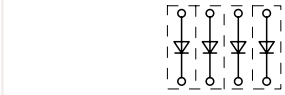
❶ Conductor range: 0.5 … 6 mm² “s+f-st”;
Push-in termination: 1.5 … 6 mm² “s” and 1.5 … 4 mm² “insulated ferrules; 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

Approvals and corresponding ratings, visit www.wago.com

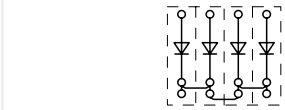
Accessories; 2004 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

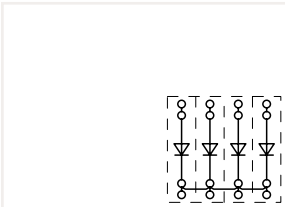
Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²			
	light gray	**2004-171**	200 (25)
Insulation stop; 5 pcs/strip; 0.75 … 1 mm²			
	dark gray	**2004-172**	200 (25)
Push-in type jumper bar; insulated; I_N 32 A; light gray			
	2-way	**2004-402**	25
	3-way	**2004-403**	25
	4-way	**2004-404**	25
	5-way	**2004-405**	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



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

These diode terminal blocks have been specially developed for custom diode circuits, such as lamp test and collective fault signal circuits.

Pluggable Diode Module TOPJOB® S on Carrier Terminal Block 2.5 (4) mm²
2002 Series

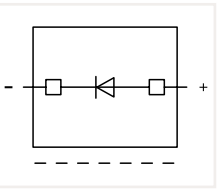
Technical Data

U_N 250 V; U_{RM} 1000 V

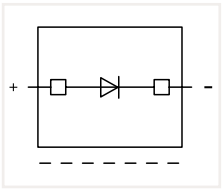
I_N 0.5 A

Plug width: 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

Color	Item No.	Pack. Unit
gray	2002-800/1000-411	100
gray	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

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

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

End and intermediate plate; 1 mm thick

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

Please observe the application notes:
Jumpers, from page 160
Marking, from page 246

Approvals and corresponding ratings,
visit www.wago.com

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	2002-1961	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

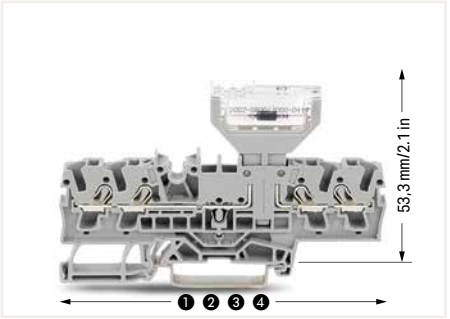
2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

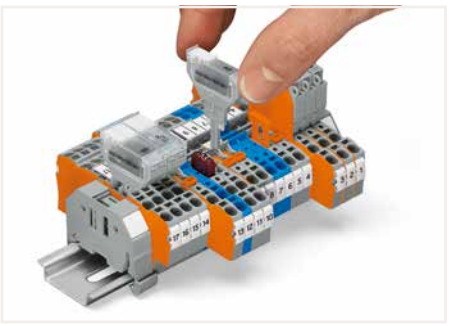
Staggered jumper; insulated; I_N 25 A; light gray

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



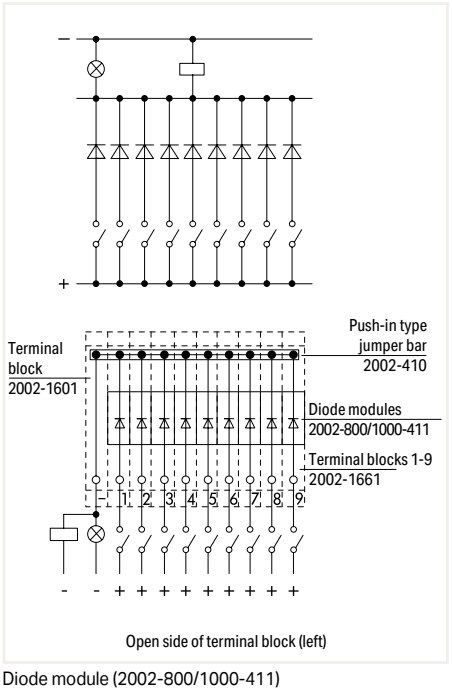
Lengths of carrier terminal blocks with a pluggable diode module:

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

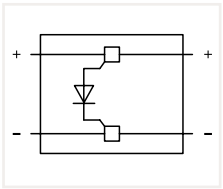
Technical Data

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

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

End and intermediate plate; 0.8 mm thick

orange	2002-1392	100 (25)
gray	2002-1391	100 (25)

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

End and intermediate plate; 0.8 mm thick

orange	2002-1492	100 (25)
gray	2002-1491	100 (25)

Please observe the application notes:
Jumpers, from page 160
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories for Through Terminal Blocks

Appropriate marking systems:
WMB/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)

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

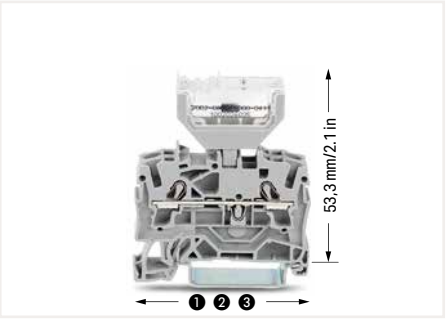
2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

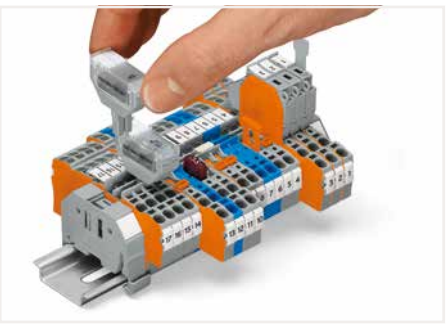
1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

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



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).

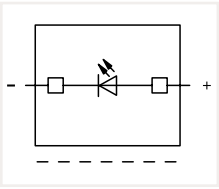
Pluggable LED Module TOPJOB® S on Carrier Terminal Block 2.5 (4) mm²
2002 Series

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

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

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

End and intermediate plate; 1 mm thick

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

Please observe the application notes:
Jumpers, from page 160
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

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	2002-1961	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

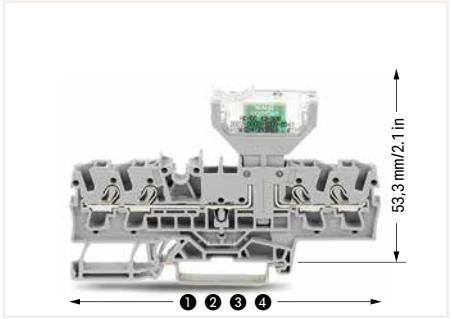
2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

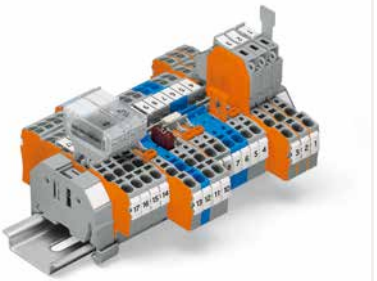
Staggered jumper; insulated; I_N 25 A; light gray

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



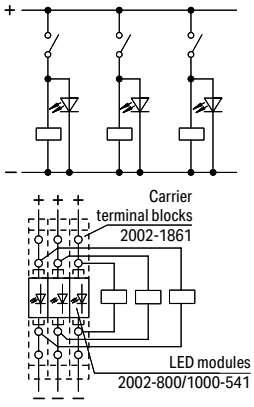
Lengths of carrier terminal blocks with a pluggable LED module:

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



Open side of terminal block (right)

LED module (2002-800/1000-541)
Voltage control assigned to current circuits

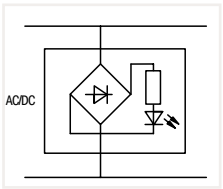
PUSH-IN CAGE CLAMP®

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

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

End and intermediate plate; 0.8 mm thick

orange	2002-1392	100 (25)
gray	2002-1391	100 (25)

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

End and intermediate plate; 0.8 mm thick

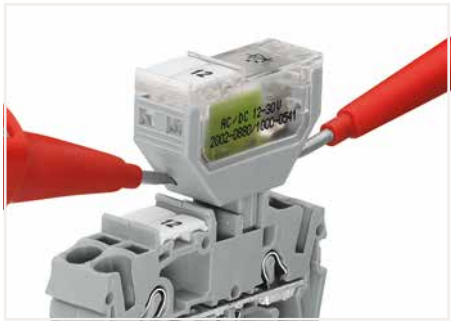
orange	2002-1492	100 (25)
gray	2002-1491	100 (25)

Please observe the application notes:
Marking, from page 246

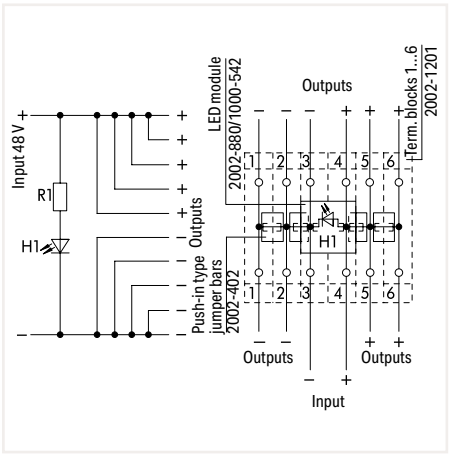
Approvals and corresponding ratings,
visit www.wago.com

Dimensions of through terminal blocks with a pluggable LED module:
❶ 48.5 mm / 1.91 inch for 2002-1201
❷ 59.2 mm / 2.33 inch for 2002-1301
❸ 69.9 mm / 2.75 inch for 2002-1401

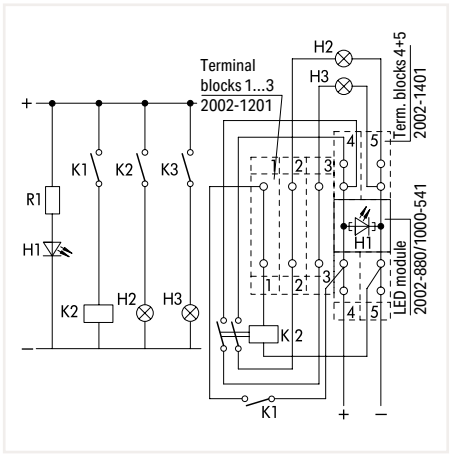
Labeling via WMB Multi markers and marking strips



Testing via 2-pole test plugs.



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

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

Please observe the application notes:
Jumpers, from page 160
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

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

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

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

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

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)

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

Multi-purpose operating tool; for component plugs

	2002-116	5

Accessories for Carrier Terminal Blocks

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

plain	793-5501	5

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

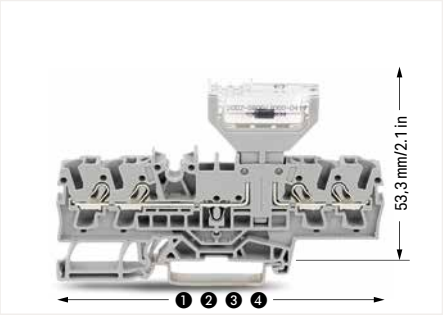
yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Screwless end stop; for DIN-35 rail; 6 mm wide

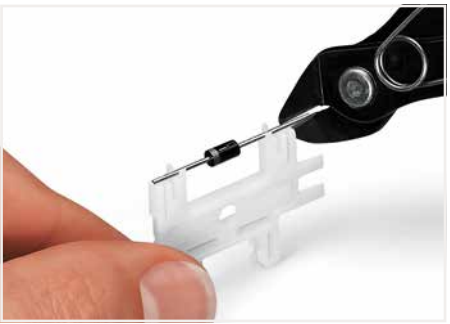
gray	249-116	100 (25)

Screwless end stop; for DIN-35 rail; 10 mm wide

gray	249-117	50 (25)

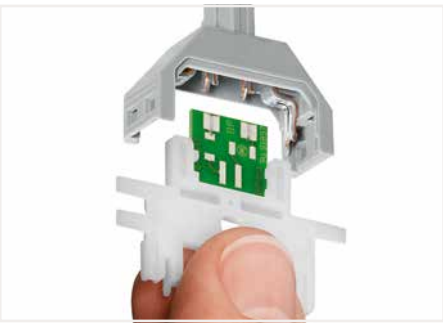


Lengths of carrier terminal blocks with a pluggable diode module:
1 66.1 mm / 2.62 inch for 2002-1661
2 76.8 mm / 3.02 inch for 2002-1761
3 87.5 mm / 3.45 inch for 2002-1861
4 72.9 mm / 2.87 inch for 2002-1961

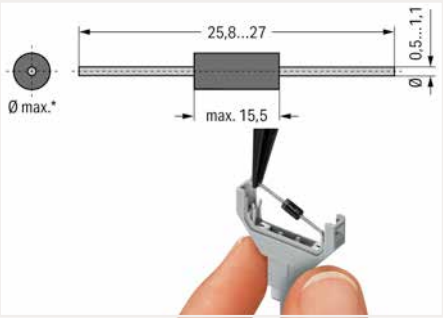


Cutting component to the proper length.

Pressing component into plug contact via operating tool.

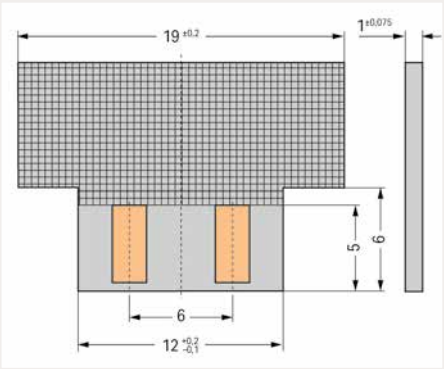


Pushing PCB into plug contact via operating tool.



*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.

Component Plug TOPJOB® S on Carrier Terminal Blocks 2.5 (4) mm²
2042 Series

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 160
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

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

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

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

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

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)

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

Accessories for Carrier Terminal Blocks

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

plain	793-5501	5

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Screwless end stop; for DIN-35 rail; 6 mm wide

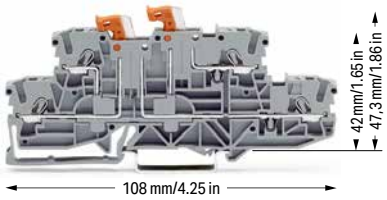
gray	249-116	100 (25)

Screwless end stop; for DIN-35 rail; 10 mm wide

gray	249-117	50 (25)

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	



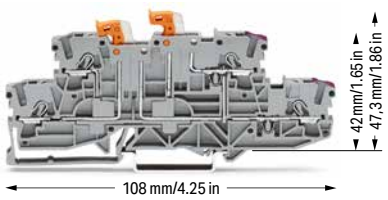
Double-deck, double-disconnect terminal block; with 2 pivoting knife disconnects; gray

	Item No.	Pack. Unit
L/L	2002-2951 ❸	50
N/L	2002-2952 ❸	50

Double-deck, double-disconnect terminal block; with 2 pivoting knife disconnects; blue

	Item No.	Pack. Unit
N/N	2002-2954 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	



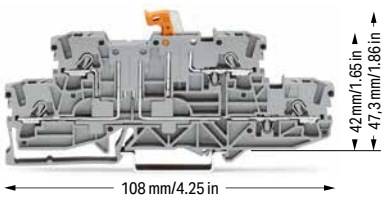
Double-deck, double-disconnect terminal block; with two pivoting knife disconnects; lower and upper decks internally commoned on right side, violet conductor entry; gray

	Item No.	Pack. Unit
L/L	2002-2958 ❸	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 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 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 ❸	50
N/L	2002-2972 ❸	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 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)

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 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

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

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

5-way	2002-415	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)

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

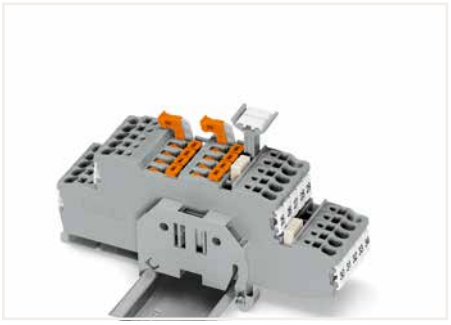
❶ Conductor range: 0.25 … 4 mm² “s+f-st”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Terminal blocks with an Ex mark are suitable for Ex ec IIc applications.

Please observe the application notes:
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com



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

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

215-111	50	

Testing tap; for max. 2.5 mm²

gray	2009-182	100 (25)

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

white	2009-115	1

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

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

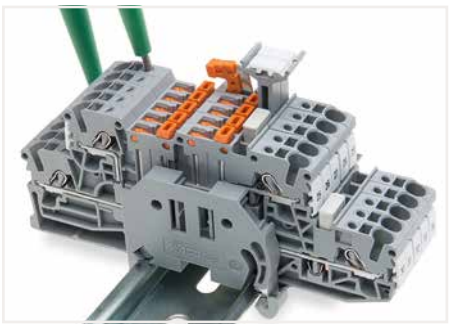
yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Group marker carrier; snap-on type for jumper slot; 5 mm wide

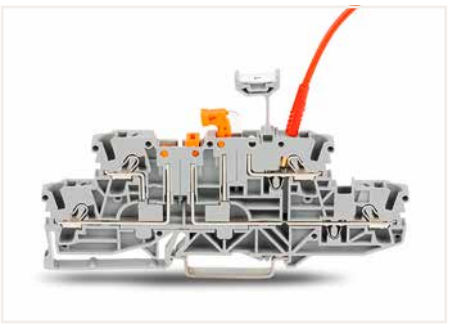
gray	2009-191	50 (25)

Screwless end stop; for DIN-35 rail; 6 mm wide

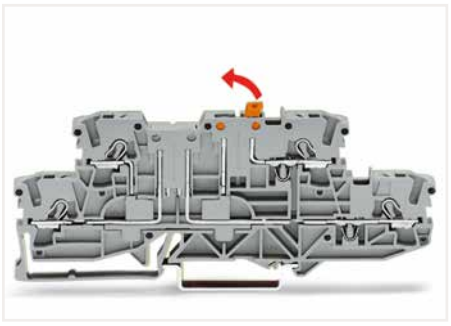
gray	249-116	100 (25)



Testing with voltage tester.



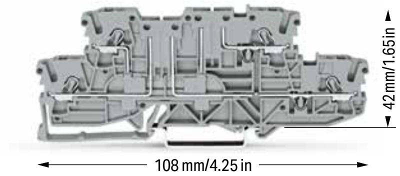
Double-deck, double-disconnect terminal block (2002-2951) with group marker carrier (2002-160) accommodated in a jumper contact slot and test plug (210-136)



Double-deck disconnect terminal block (2002-2971)
Opening a knife disconnect.

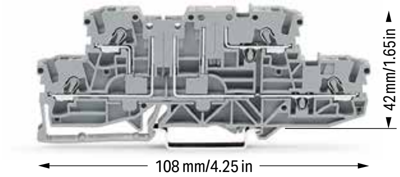
Double-Deck Carrier Terminal Block TOPJOB® S
2.5 (4) mm²; 2002 Series

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	



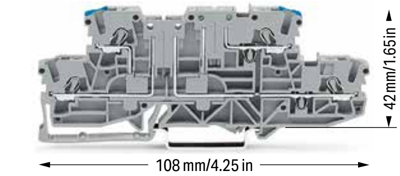
Double-deck, double-disconnect terminal block; gray	Bestellnr.	VPE
L/L	2002-2941	50

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	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	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)

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

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

5-way	2002-415	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)

End plate; for modular connector; 1.5 mm thick

gray	2002-541	100 (25)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

Testing tap; for max. 2.5 mm²

gray	2009-182	100 (25)

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

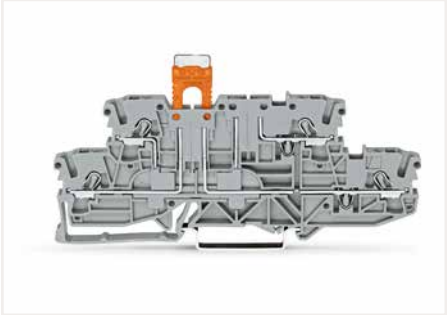
orange	2002-401	100 (25)

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.

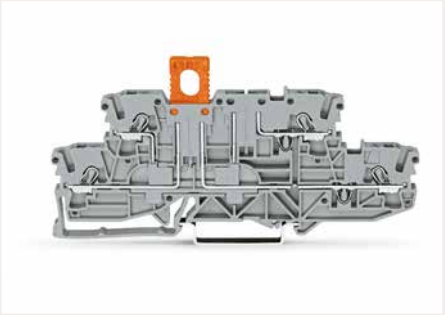
❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

Please observe the application notes:
Jumpers, from page 160
Testing accessories, from page 154
Marking, from page 246

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

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

white	2009-115	1

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

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Group marker carrier; snap-on type for jumper slot; 5 mm wide

gray	2009-191	50 (25)

Screwless end stop; for DIN-35 rail; 6 mm wide

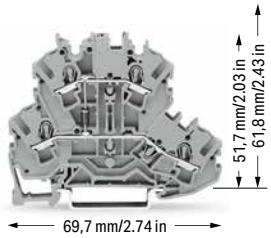
gray	249-116	100 (25)

Screwless end stop; for DIN-35 rail; 10 mm wide

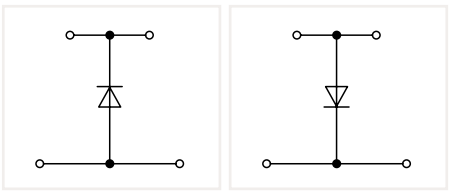
gray	249-117	50 (25)

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

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	



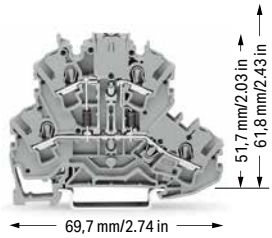
2002-2211/1000-410 2002-2211/1000-411



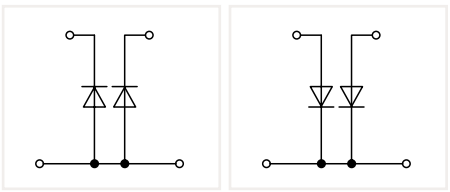
Double-deck diode terminal block; with 1N4007 diode

Color	Item No.	Pack. Unit
gray	2002-2211/1000-410	50
gray	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	



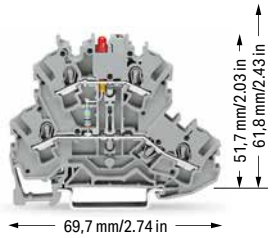
2002-2213/1000-487 2002-2213/1000-488



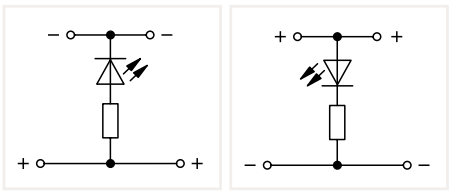
Double-deck diode terminal block; with two 1N4007 diodes

Color	Item No.	Pack. Unit
gray	2002-2213/1000-487	50
gray	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

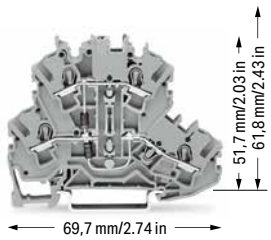


Double-deck LED terminal block; with red LED

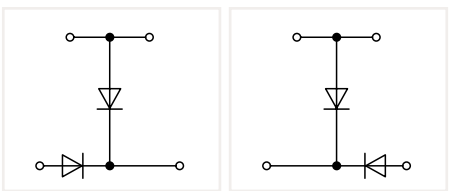
Color	Item No.	Pack. Unit
gray	2002-2221/1000-434	50
gray	2002-2221/1000-413	50

Other terminal blocks with the same profile:

Through	2002-2201	Page 54

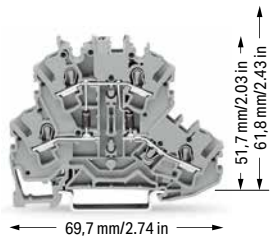


2002-2214/1000-492 2002-2214/1000-491

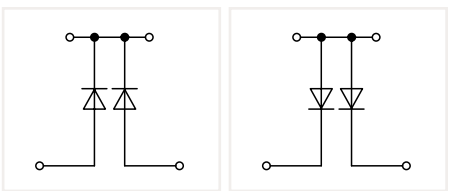


Double-deck diode terminal block; with two 1N4007 diodes

Color	Item No.	Pack. Unit
gray	2002-2214/1000-492	50
gray	2002-2214/1000-491	50



2002-2214/1000-489 2002-2214/1000-490



Double-deck diode terminal block; with two 1N4007 diodes

Color	Item No.	Pack. Unit
gray	2002-2214/1000-489	50
gray	2002-2214/1000-490	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)

Double-deck marker carrier; pivoting

gray	**2002-121**	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

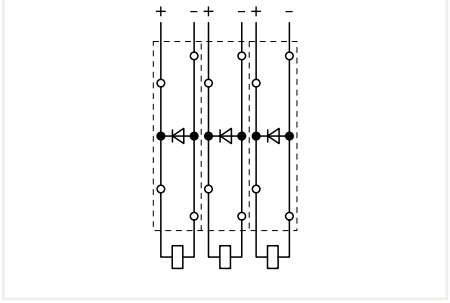
dark gray	**2002-172**	200 (25)

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

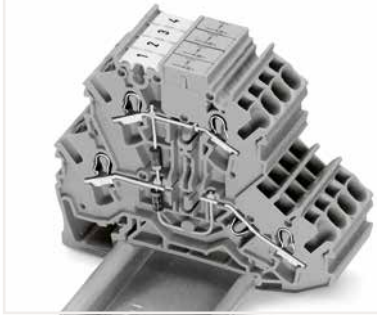
2-way	**2002-402**	25
3-way	**2002-403**	25
4-way	**2002-404**	25
5-way	**2002-405**	25
6-way	**2002-406**	25
7-way	**2002-407**	25
8-way	**2002-408**	25
9-way	**2002-409**	25
10-way	**2002-410**	25

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

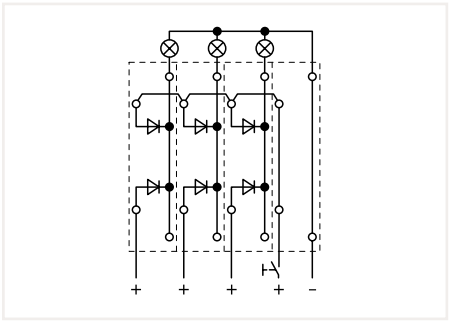
1 to 3	**2002-433**	25
1 to 4	**2002-434**	25
1 to 5	**2002-435**	25
1 to 6	**2002-436**	25
1 to 7	**2002-437**	25
1 to 8	**2002-438**	25
1 to 9	**2002-439**	25
1 to 10	**2002-440**	25



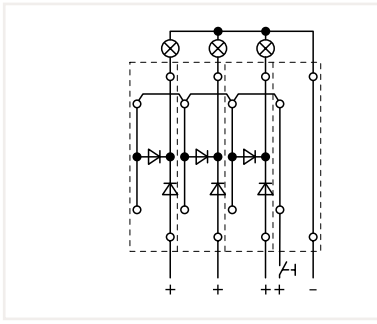
Open diode gates can be created using the following terminal blocks:
2002-2211/1000-410 or 2002-2211/1000-411



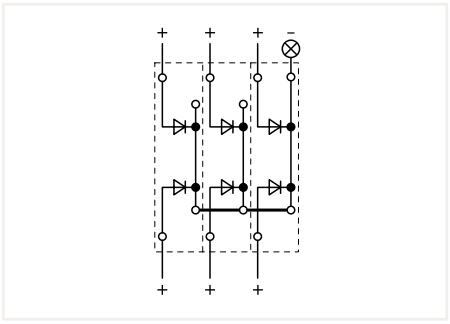
Double-deck diode terminal blocks were specifically developed for custom diode circuits, such as lamp test and collective fault signal circuits.
These terminal blocks provide high-density wiring in a width of just 5.2 mm.
Push-in type jumper bars provide additional options for custom circuit design.



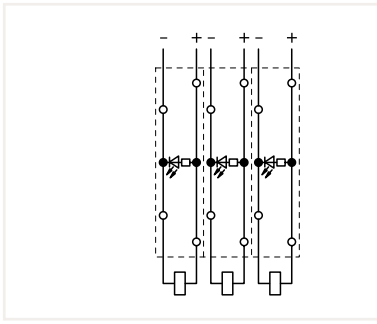
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2002-2213/1000-487 or 2002-2213/1000-488



Lamp test circuits can be created using the following terminal blocks:
2002-2214/1000-492 or 2002-2214/1000-491



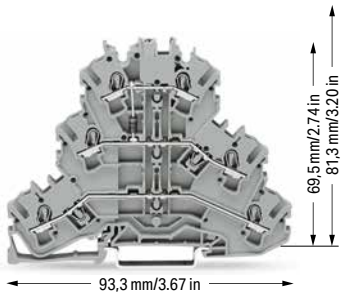
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2002-2214/1000-489 or 2002-2214/1000-490



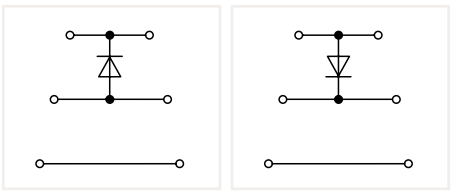
Circuit-related voltage indications can be created using the following terminal blocks:
2002-2221/1000-434 or 2002-2221/1000-413

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

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	



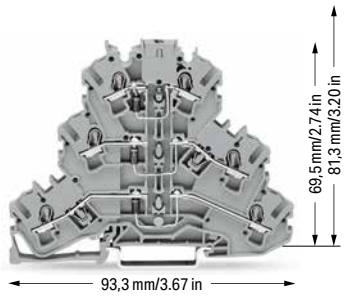
2002-3211/1000-410 2002-3211/1000-411



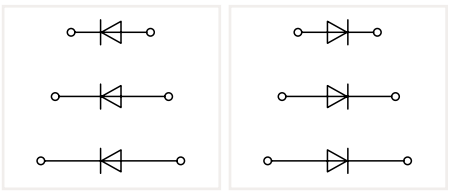
Triple-deck diode terminal block;, with 1N4007 diode

Color	Item No.	Pack. Unit
gray	2002-3211/1000-410	50
gray	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	



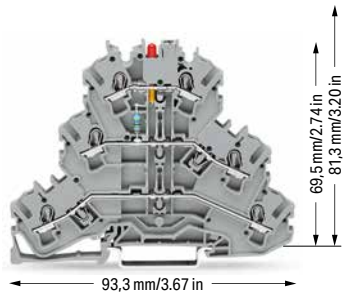
2002-3212/1000-673 2002-3212/1000-674



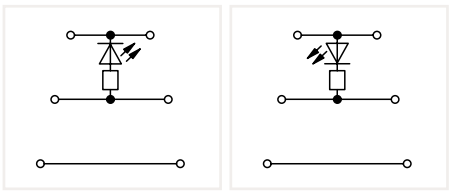
Triple-deck diode terminal block; with three 1N4007 diodes

Color	Item No.	Pack. Unit
gray	2002-3212/1000-673	50
gray	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

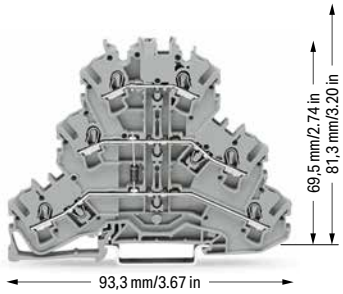


Triple-deck LED terminal block; with red LED

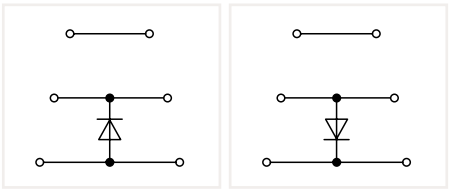
Color	Item No.	Pack. Unit
gray	2002-3221/1000-434	50
gray	2002-3221/1000-413	50

Other terminal blocks with the same profile:

Through	2002-3201	Page 66



2002-3211/1000-675 2002-3211/1000-676



Triple-deck diode terminal block;, with 1N4007 diode

Color	Item No.	Pack. Unit
gray	2002-3211/1000-675	50
gray	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)

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)

Test plug adapter; for 4 mm Ø test plug

gray	**2009-174**	100 (25)

Accessories; 2002 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

Testing tap; for max. 2.5 mm²

gray	**2009-182**	100 (25)

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

white	**2009-115**	1

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

Triple-deck marker carrier; pivoting

gray	**2002-131**	50 (25)

Group marker carrier; snap-on type for jumper slot; 5 mm wide

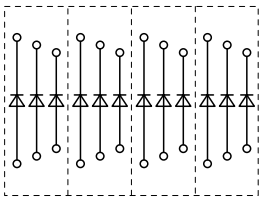
gray	**2009-191**	50 (25)

Screwless end stop; for DIN-35 rail; 6 mm wide

gray	**249-116**	100 (25)

Double- and triple-deck LED terminal blocks:
Using LED terminal blocks, monitoring units can be designed, e.g., for control and operating circuits.

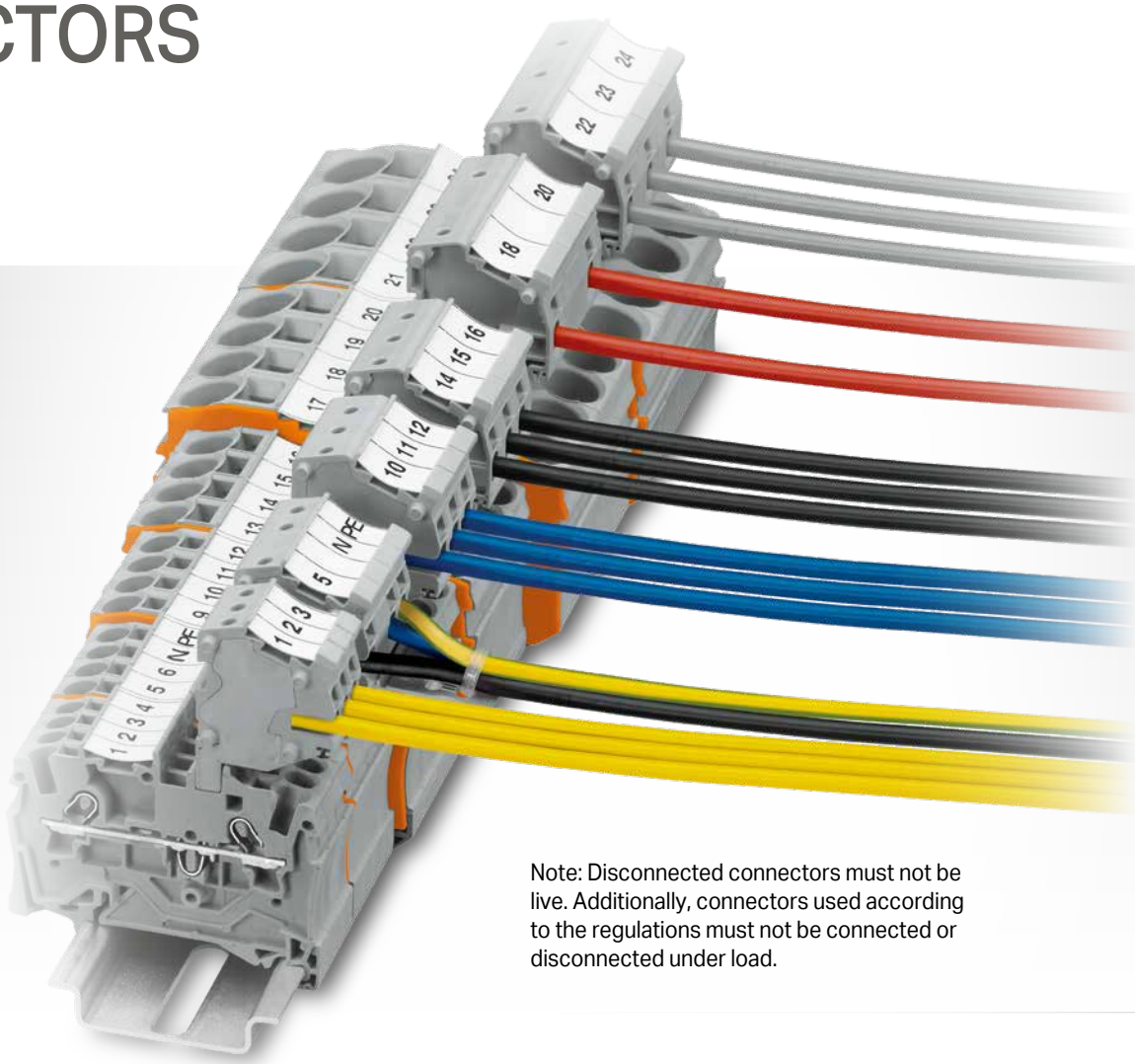
Triple-deck diode terminal blocks were specifically developed for custom diode circuits, such as lamp test and collective fault signal circuits.
These terminal blocks provide high-density wiring in a width of just 5.2 mm.
Push-in type jumper bars provide additional options for custom circuit design.



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.

CONNECTORS



Note: Disconnected connectors must not be live. Additionally, connectors used according to the regulations must not be connected or disconnected under load.

Connectors

Modular connectors with Push-in CAGE CLAMP® technology offer an additional connection option for conductors of the same size as the terminal block being used (up to 23 A). They can also double as test plugs.

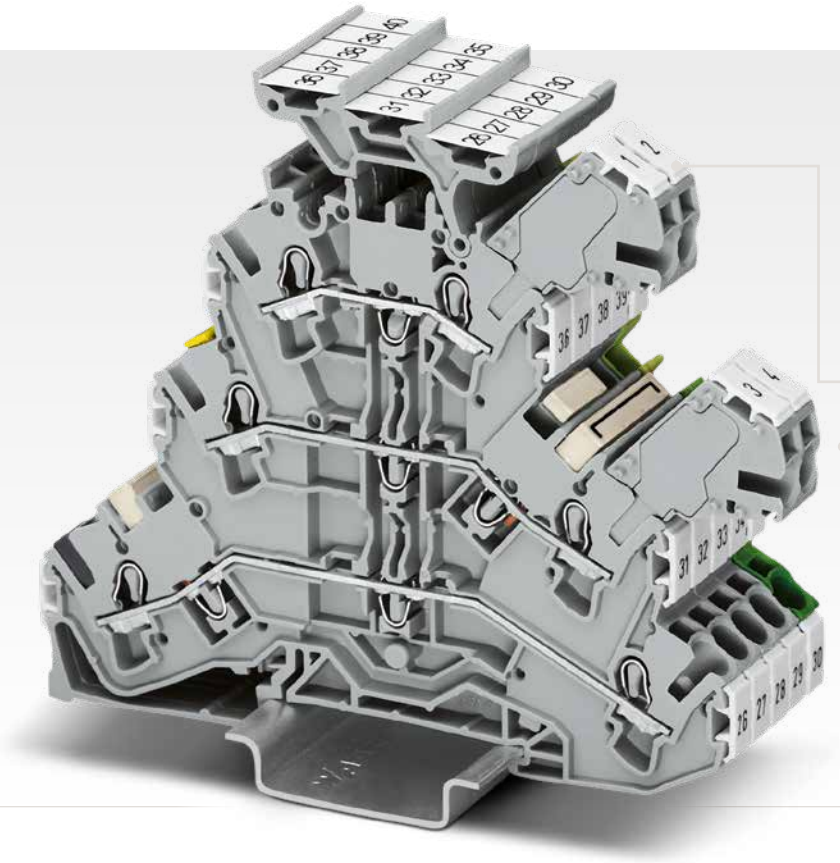
Connector Strips

Additionally, 2- to 10-pole connector strips for the 2001 and 2002 Series, as well as 2- to 5-pole connector strips for the 2004 Series are available.

Testing

Modular connectors for 2001, 2002, 2004, 2006, 2010 and 2016 Series have a test socket for 2 mm or 2.3 mm Ø test plugs (max. test voltage: 42 V).

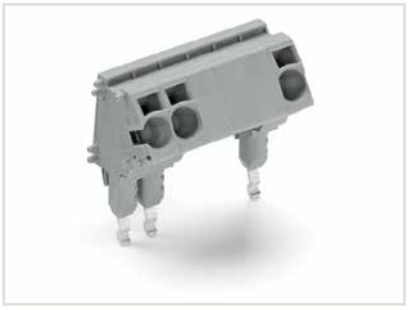
TESTING ACCESSORIES



Connectors

- Circuit identification via WMB markers
- Customizable to suit required number of poles

Test Plugs



The Test Plugs TOPJOB® S can be simply pushed into the conductor entry and then unplugged – no tools required. Test plugs are a convenient workaround for multilevel terminal block assemblies with inaccessible jumper slots. Additionally, terminal blocks can be skipped using spacer modules.

Test Plug Adapter

Test plug adapter (2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series

Testing Tap

Testing tap (2009-182) for tool-free connection of test cables up to 2.5 mm² (12 AWG) – compatible with 2000 to 2016 Series

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

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❹	
I_N 13.5 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)

Modular connector; with end plate; for jumper contact slot; snaps together; gray
Terminal block width: 5 mm / 0.197 inch

1-pole	2000-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2000-549	100 (25)

connector strip; for jumper contact slot; gray

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	
0.25 … 1.5 (2.5) mm² ❷	22 … 14 AWG
500 V/6 kV/3 ❹	300 V, 15 A
I_N 18 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

gray	2001-549	100 (25)

connector strip; for jumper contact slot; gray

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

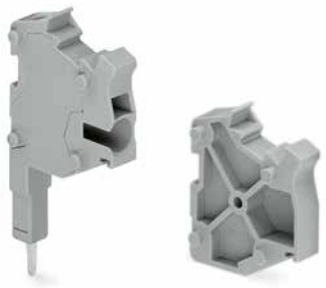
WMB marking card; white; 10 strips with 10 markers/card; 4 … 4.2 mm stretchable

plain	793-4501	5

WMB marking card; plain; 10 strips with 10 markers/card; 4 … 4.2 mm stretchable

yellow	793-4501/000-002	5
red	793-4501/000-005	5
blue	793-4501/000-006	5
gray	793-4501/000-007	5
orange	793-4501/000-012	5
light green	793-4501/000-017	5
green	793-4501/000-023	5
violet	793-4501/000-024	5

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



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

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

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

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

Accessories; for connector strips

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)

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

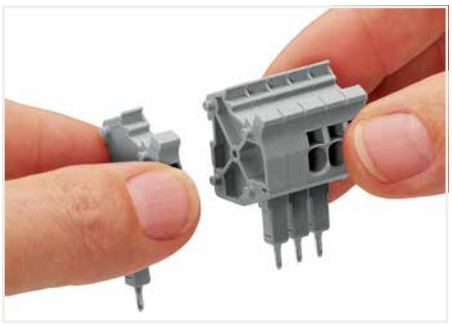
yellow	**210-137**	50 (1)

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)

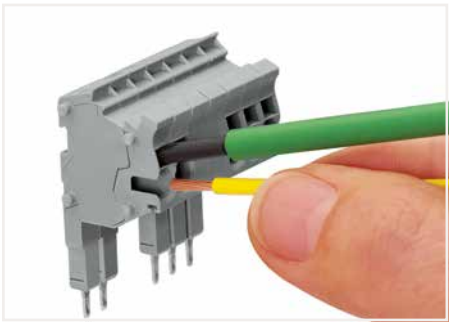
Marking strip; plain; 11 mm wide; 50 m reel

white	**2009-110**	1

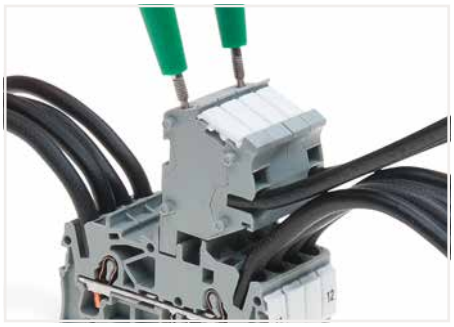


Snapping connectors and spacers together to assemble a multipole connector.

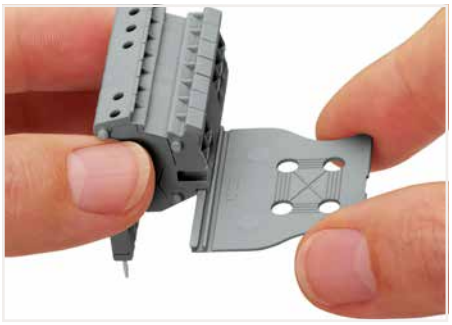
The modular connectors also connect conductors of the same size as the terminal blocks being used.



Operating tool for fine-stranded conductors without ferrules – push-in connection of solid conductors



Connectors with a 2 mm Ø test socket for testing voltage via 2-pole voltage tester



Snapping on a strain relief plate.

Rail-mount terminal block assembly for electric motor wiring

Connector, Connector Strip TOPJOB® S
4 (6) mm²; 2004 Series; 2006 Series; 2010 Series and 2016 Series

Technical Data	
0.5 … 4 (6) mm² ❶	22 … 10 AWG
500 V/6 kV/3 ❷	300 V, 15 A
I_N 32 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; item-specific

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

yellow	210-137	50 (1)

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

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

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

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)

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

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)

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

yellow	**210-137**	50 (1)

Strain relief plate; gray

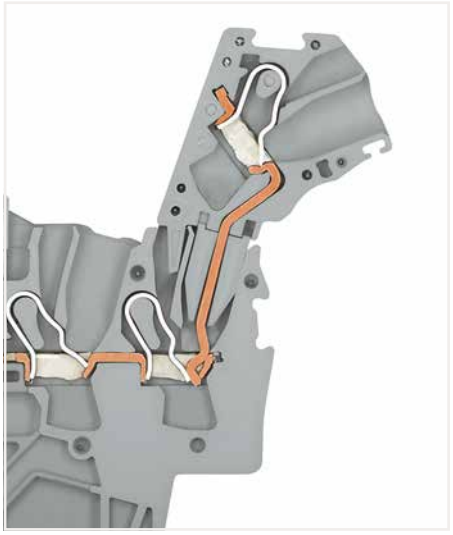
35 mm wide	**734-326**	100 (25)
6 mm wide	**734-327**	100 (25)
12.5 mm wide	**734-328**	100 (25)
25 mm wide	**734-329**	100 (25)

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 module – cross-sectional view of contacts

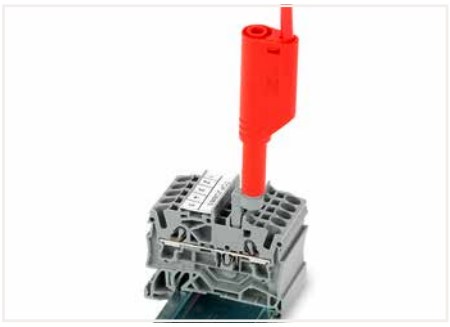
Test Plug Adapter, Testing Tap TOPJOB® S
2009 Series

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.

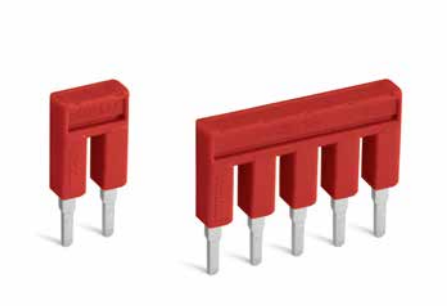
Color	Item No.	Pack. Unit
gray	**2009-182**	100 (25)

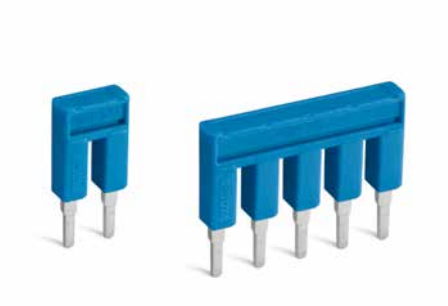


Test plug adapter (2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series

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





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

Adjacent jumper for continuous commoning; insulated; light gray

	Item No.	Pack. Unit
2-way	2002-400	25

Technical Data
800 V/8 kV/3
I_N 25 A

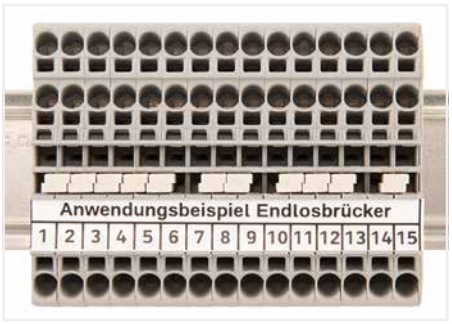
Adjacent jumper for continuous commoning; insulated; 1 to 3

Color	Item No.	Pack. Unit
light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

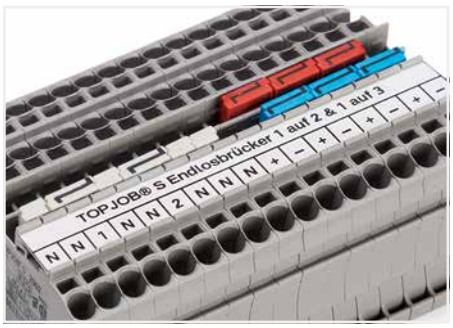
Technical Data
800 V/8 kV/3
I_N 25 A

Adjacent jumper for continuous commoning; insulated; light gray

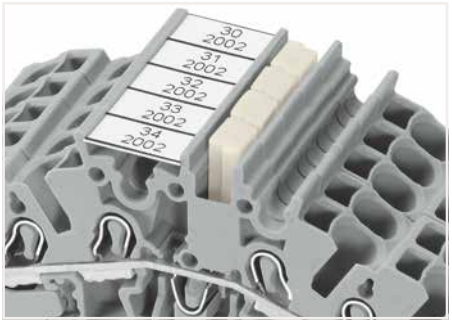
	Item No.	Pack. Unit
5-way	2002-415	25



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.



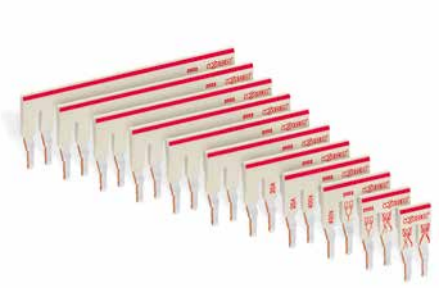
The 1-to-3 adjacent jumper for continuous commoning enables every other terminal block to be commoned. For example, positive and negative potentials can be accommodated alongside each other.



Adjacent jumpers for continuous commoning (2002-400)

Staggered Jumper TOPJOB® S
2002 Series

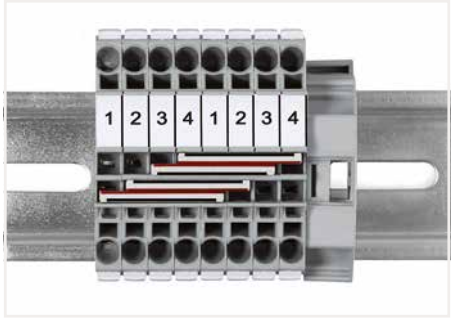
Technical Data
400 V/6 kV/3
I_N 25 A



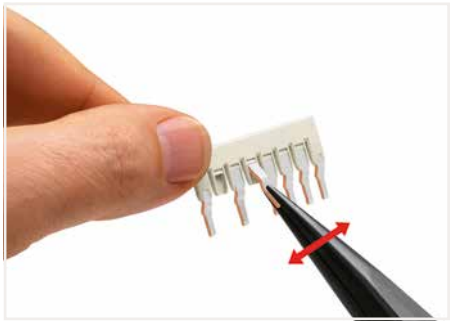
Staggered jumper; insulated; for 2002, 2003, 2022 and 2202 Series Rail-Mount Terminal Blocks; light gray		
	Item No.	Pack. Unit
◯ 2-way	2002-472	25
◯ 3-way	2002-473	25
◯ 4-way	2002-474	25
◯ 5-way	2002-475	25
◯ 6-way	2002-476	25
◯ 7-way	2002-477	25
◯ 8-way	2002-478	25
◯ 9-way	2002-479	25
◯ 10-way	2002-480	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.

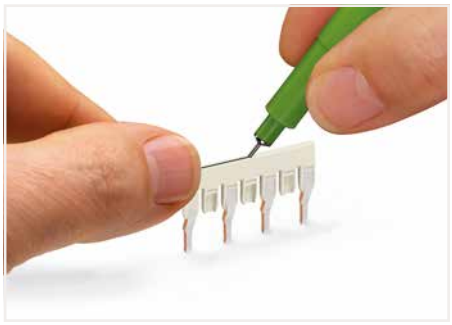


Commoning two potentials in one single jumper slot via extremely slim staggered jumpers.



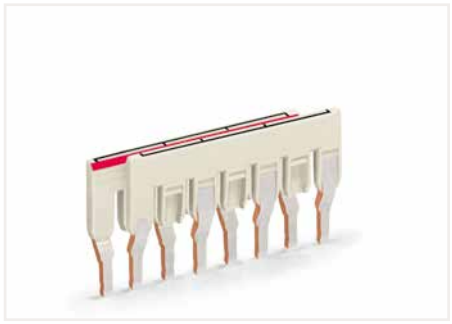
Staggered jumper (seven contacts):
Individual jumper contacts can be broken off by bending them. The remaining piece of insulation will meet requirements for clearances and creepage distances.

Staggered jumpers (seven contacts)

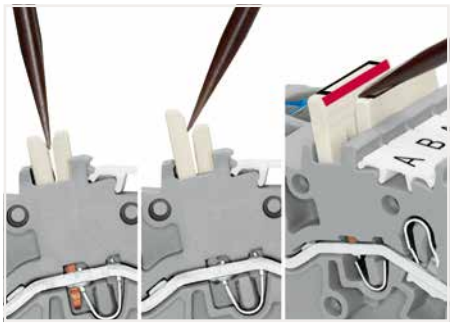


Staggered jumper:
Marking with a felt-tip pen.

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.



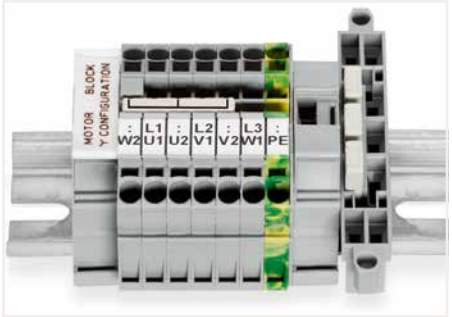
Removing a staggered jumper:
Insert the operating tool between the staggered jumpers, then lift up the jumper.

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

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)

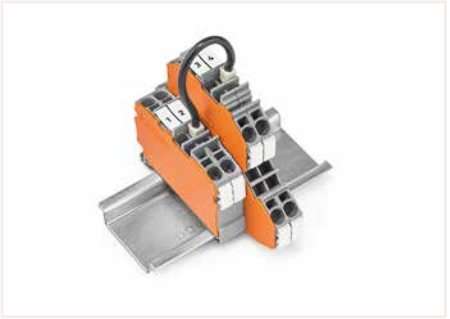
Technical Data
800 V/8 kV/3
I_N 18 A

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

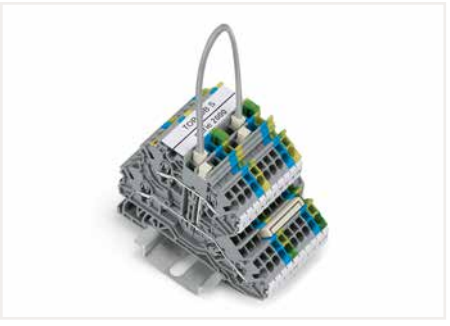
	Item No.	Pack. Unit
L = 60 mm	2009-412	100 (10)
L = 110 mm	2009-414	100 (10)
L = 250 mm	2009-416	100 (10)

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

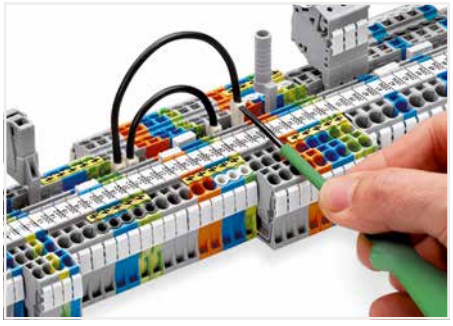
Color	Item No.	Pack. Unit
red	2009-414/000-005	100 (10)
blue	2009-414/000-006	100 (10)



Push-in type wire jumpers common terminal blocks over longer distances and across multiple levels.



Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.

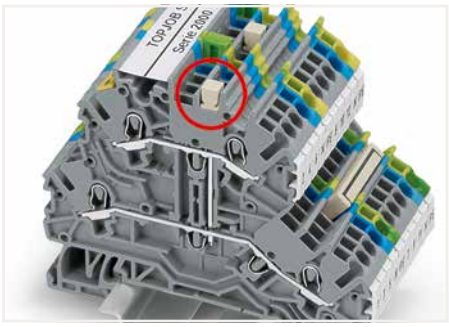


Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.

Vertical Jumper TOPJOB® S
2000 Series and 2002 Series

Technical Data
500 V/6 kV/3
I_N 13.5 A

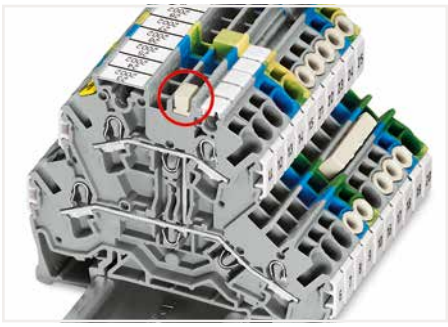
Double-deck vertical jumper; insulated		
Color	Item No.	Pack. Unit
◯ light gray	**2000-492**	100 (25)



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

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)

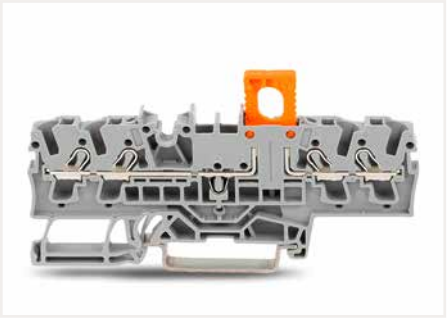
Technical Data
800 V/8 kV/3
I_N 30 A

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

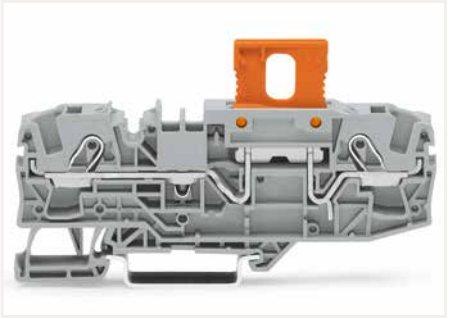
Color	Item No.	Pack. Unit
orange	2006-401	100 (25)
white	2006-401/000-050	100 (25)

Blind plug for carrier terminal block; indicates a disconnection

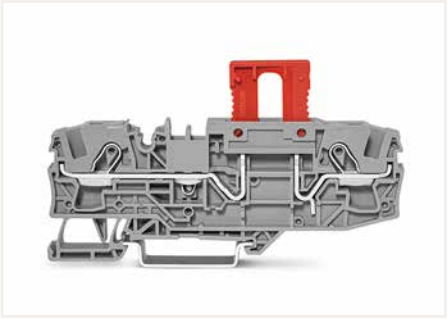
Color	Item No.	Pack. Unit
red	2006-451	100 (25)



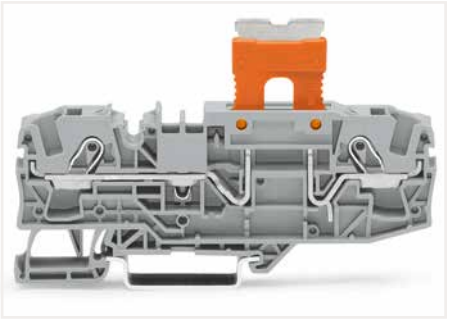
Carrier terminal block (2002-1661) with disconnect plug (2002-401) in operating position



Carrier terminal block (2006-401) with disconnect plug (2006-1661) in operating position



Blind plug (2006-451) for carrier terminal block; indicates a disconnection

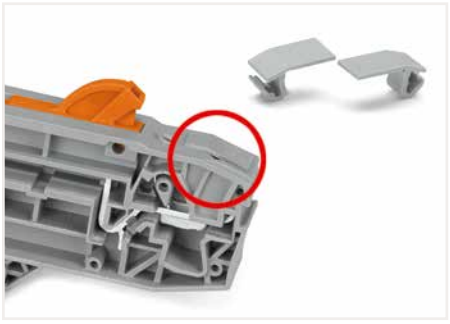


Carrier terminal block (2006-401) with disconnect plug (2006-1661) in parked position

Lockout Cap TOPJOB® S
2006 Series

Lockout cap; for conductor entry and operating slot		
Color	Item No.	Pack. Unit
gray	**2006-191**	25

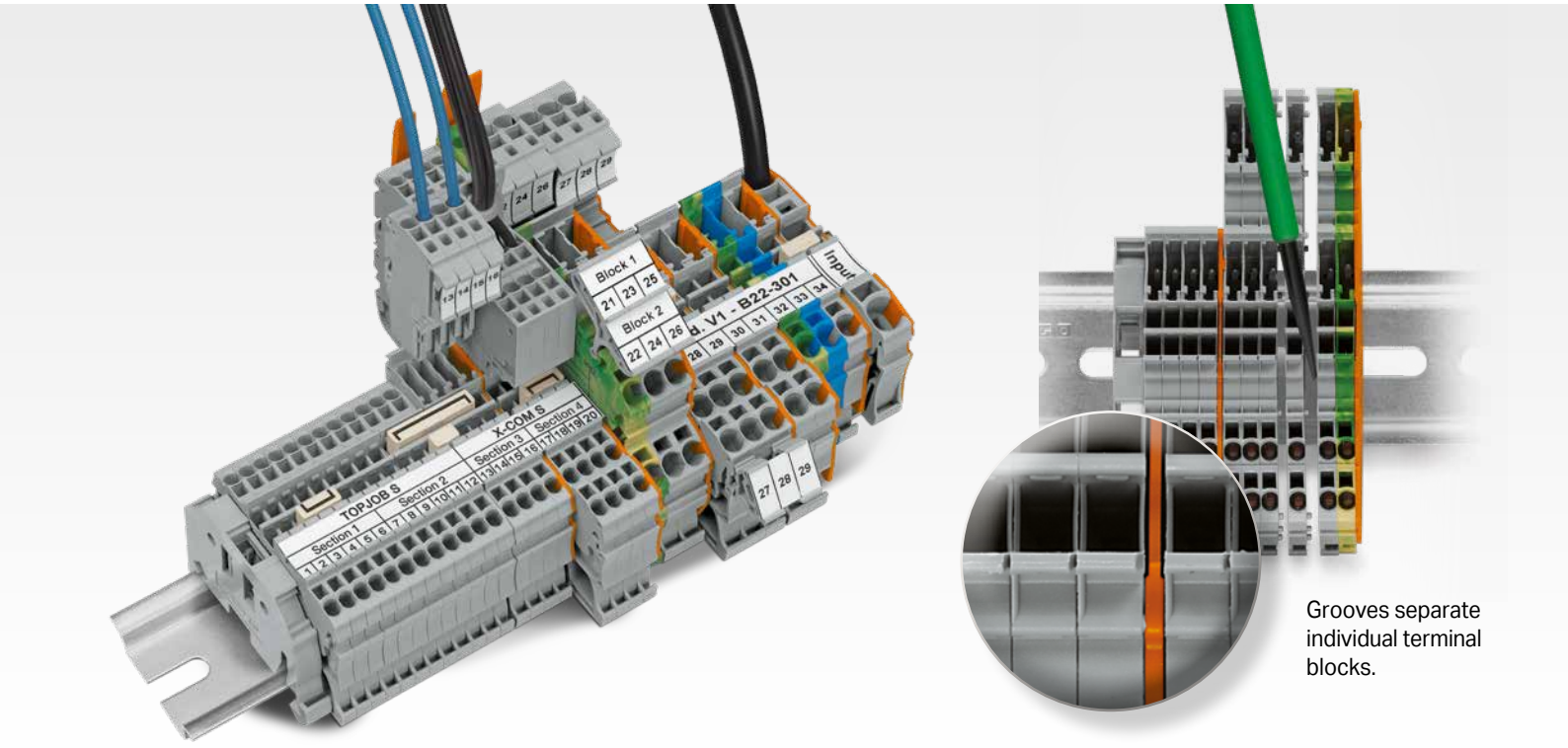
Cover (2006-191) seals unused conductor entry.



Cover (2006-191) seals unused conductor entry.

PLUGGABLE RAIL-MOUNT TERMINAL BLOCKS

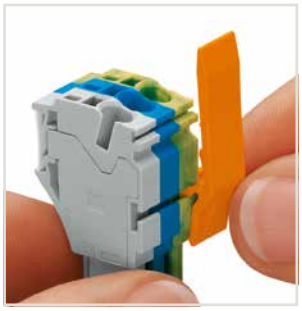
X-COM®S-SYSTEM and X-COM®S-SYSTEM-MINI



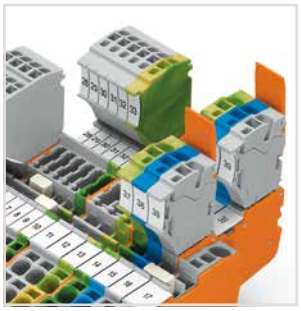
Grooves separate individual terminal blocks.

X-COM®S-SYSTEM and X-COM®S-SYSTEM-MINI

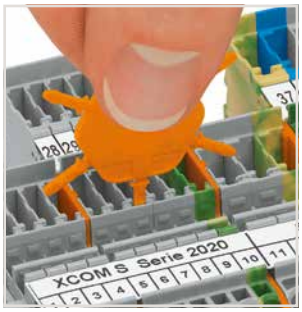
- COM-bine pluggable connectors and rail-mount terminal blocks
- X-COM®S-SYSTEM (2022 Series): up to 4 mm² (12 AWG) at 32 A
- X-COM®S-SYSTEM-MINI (2020 Series): up to 1.5 mm² (16 AWG) at just 3.5 mm (0.137 inch) terminal block wide
- Save time and money via pre-assembled components
- Preassembled units can be tested before installation
- Components can be quickly and reliably replaced due to 100% mismating and touch-proof protection



Slide the locking lever into position.

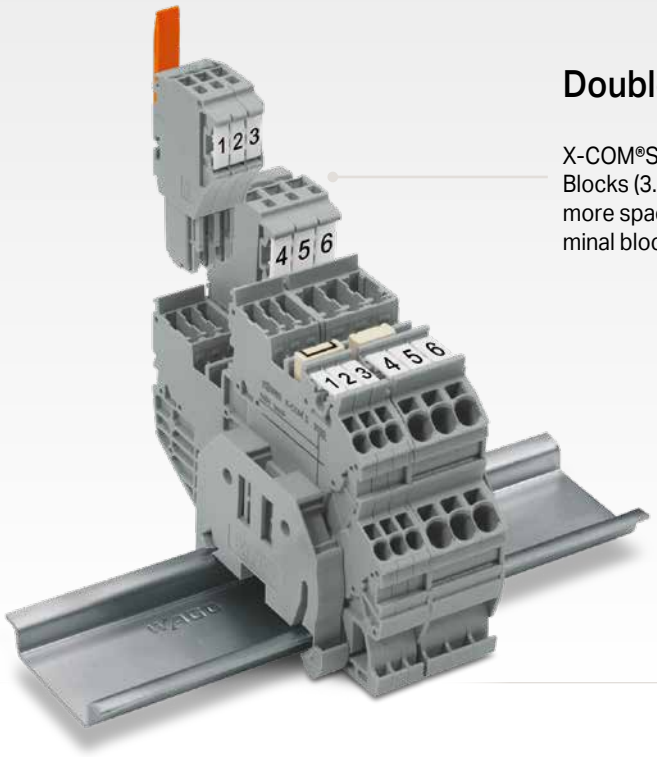


Female plugs can be individually locked.



Insert coding pin into the corresponding slot and twist it off.

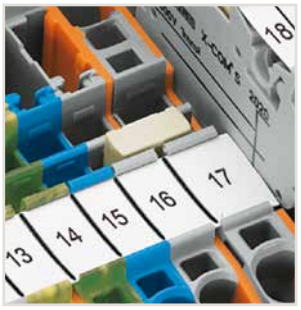
Remove the coding finger using a cutting tool.



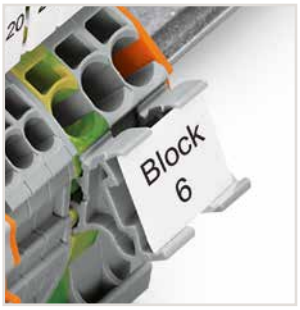
Double Space Savings

X-COM®S-SYSTEM-MINI Terminal Blocks (3.5 mm wide) – save even more space using double-deck terminal blocks.

- X-COM®S-SYSTEM and X-COM®S-SYSTEM-MINI Female Plugs are modular.
- Female plug assemblies up to a maximum of 15 poles can be customized.
- X-COM®S-SYSTEM-MINI Female Plugs do not have an integrated end plate; an end plate must be used at the end of the carrier terminal block assembly.

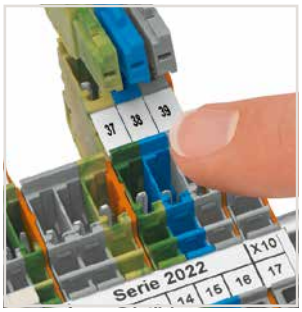


X-COM®S-SYSTEM Terminal Blocks can be commoned using Jumpers TOPJOB® S. An end plate provides connection to Terminal Blocks TOPJOB® S.
2020 and 2022 Series Terminal Blocks are combinable.



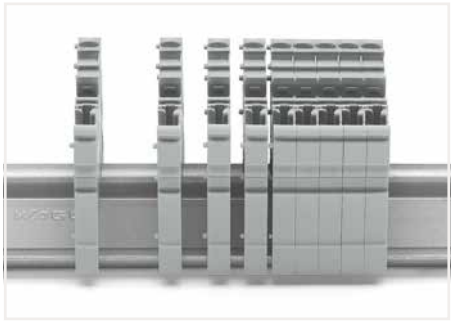
Additional marking option via snap-on type adapter

Test plug adapter (CAT I) for 4 mm test plugs or banana plugs – also suitable for X-COM®S-SYSTEM- MINI Terminal Blocks



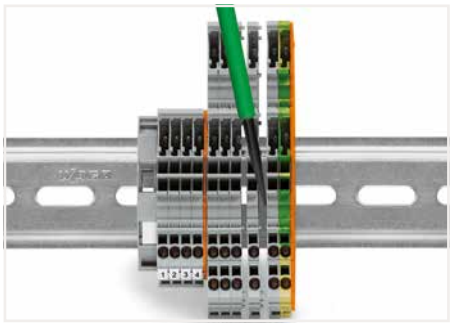
Carrier terminal blocks and female plugs are touch-proof.

X-COM®S-SYSTEM-MINI; 2020 Series
X-COM®S-SYSTEM; 2022 Series
Description and Installation



Snap individual carrier terminal blocks onto the DIN-rail and slide together.

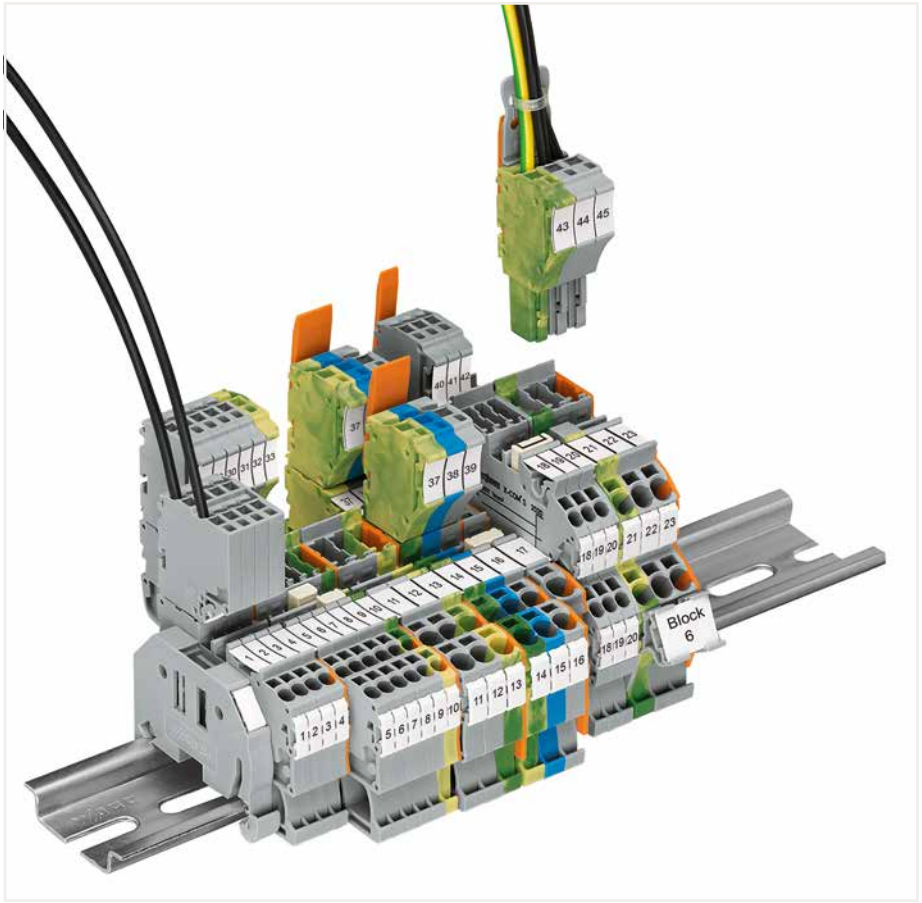
Open the assembly by laterally sliding a block via operating tool (3.5 x 0.5 mm blade).



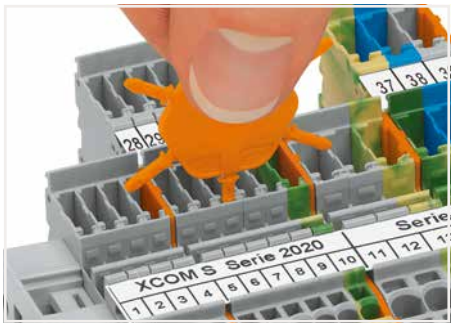
Separate terminal block assembly and slide individual terminal blocks laterally using an operating tool.

Carrier terminal blocks and female plugs are touch-proof.

Push-in CAGE CLAMP® enables solid conductors to be connected by simply pushing them into the unit.

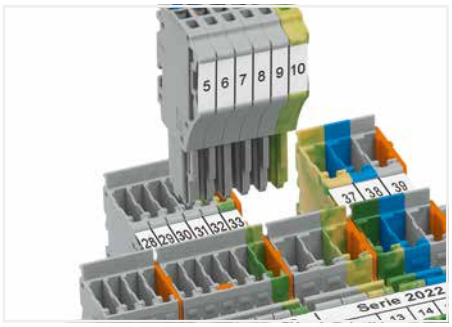


Note: Female plugs used according to the regulations must not be connected/disconnected when live or under load.



Insert coding pin into the corresponding slot and twist it off.

Coding a female plug: remove coding finger using a suitable tool.

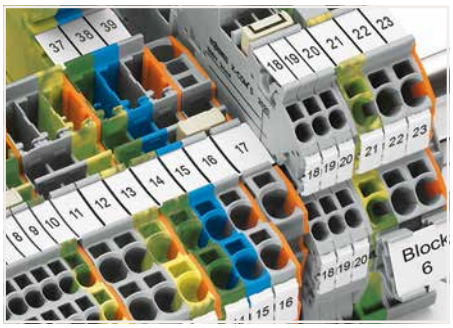


Insert coded female connector into X-COM®S-SYSTEM terminal block assembly.

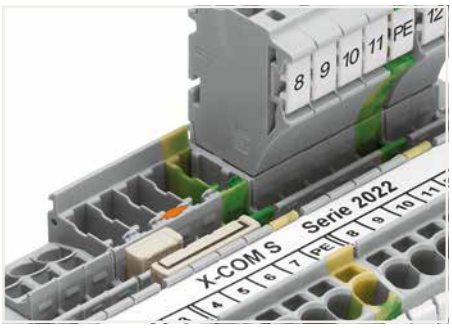
Push-in CAGE CLAMP® terminates the following copper conductors:
solid "s"

stranded "st"

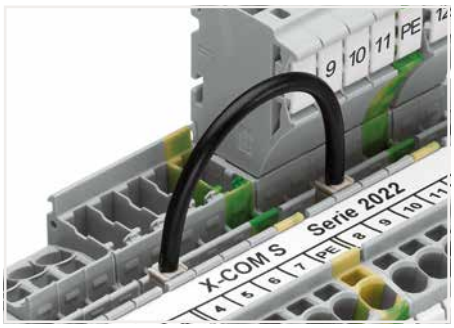
fine-stranded "f-st", also with tinned single strands



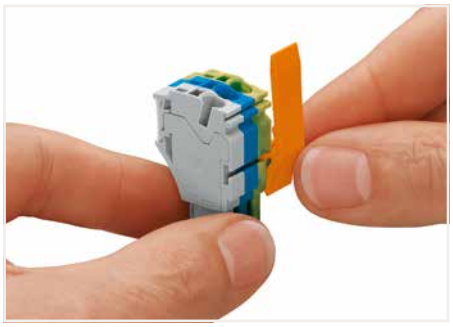
Commoning X-COM®S-SYSTEM Terminal Blocks using jumpers for Terminal Blocks TOPJOB® S. An end plate provides connection to Terminal Blocks TOPJOB® S. 2020 and 2022 Series Terminal Blocks are combinable. Jumper slots are on the same level for both series.



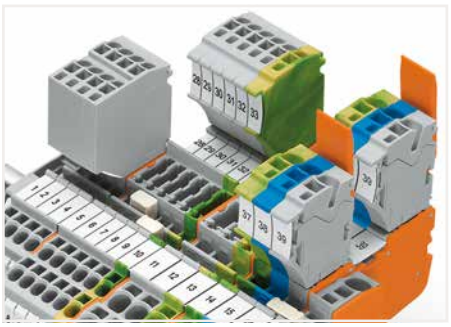
Pairing push-in comb style jumpers.



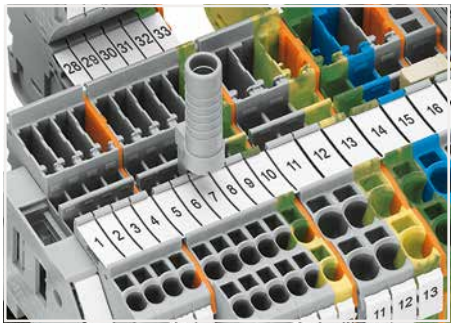
Commoning with push-in type wire jumper.



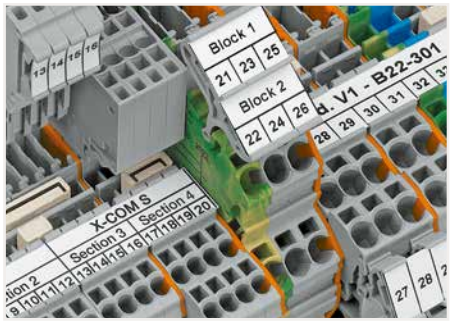
Slide the locking lever into position.



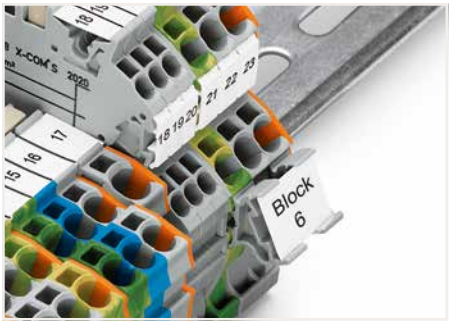
Female plugs can be individually locked.



Test plug adapter (2009-174) for 4 mm test plugs or banana plugs – also suitable for X-COM®S-SYSTEM-MINI Terminal Blocks.



Clear marking via large marking area



Marker carrier (2009-198)

fine-stranded, tip-bonded

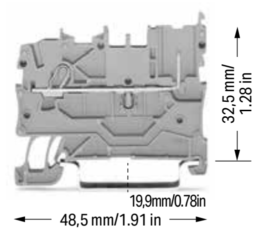
fine-stranded, with ferrule (gastight crimped)

fine-stranded, with pin terminal (gastight crimped)

1-Conductor/1-Pin Carrier Terminal Block, 2-Conductor/1-Pin Carrier Terminal Block, 2-Conductor/2-Pin Carrier Terminal Block X-COM®S-SYSTEM-MINI

1 (1.5) mm²; 2020 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



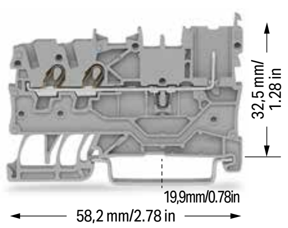
1-conductor/1-pin carrier terminal block		
Color	Item No.	Pack. Unit
gray	2020-1201	50
blue	2020-1204	50

1-conductor/1-pin ground carrier terminal block		
green-yellow	2020-1207	50

Accessories; item-specific

End and intermediate plate; 1 mm thick		
orange	2020-1292	100 (25)
gray	2020-1291	100 (25)

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



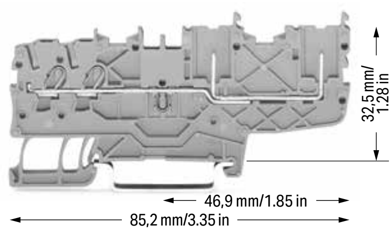
2-conductor/1-pin carrier terminal block		
Color	Item No.	Pack. Unit
gray	2020-1301	50
blue	2020-1304	50

2-conductor/1-pin ground carrier terminal block		
green-yellow	2020-1307	50

Accessories; item-specific

End and intermediate plate; 1 mm thick		
orange	2020-1392	100 (25)
gray	2020-1391	100 (25)

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



2-conductor/2-pin carrier terminal block		
Color	Item No.	Pack. Unit
gray	2020-1401	50
blue	2020-1404	50

2-conductor/2-pin ground carrier terminal block		
green-yellow	2020-1407	50

Accessories; item-specific

End and intermediate plate; 1 mm thick		
orange	2020-1492	100 (25)
gray	2020-1491	100 (25)

Accessories; 2020 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

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

Protective warning marker; with black high-voltage symbol; for 5 terminal blocks		
yellow	2000-115	100 (25)

Delta jumper; insulated; I_N = I_N terminal block; light gray		
1-2 3-4 5-6	2000-406/020-000	25

Star point jumper; insulated; I_N = I_N terminal block; light gray		
1-3-5	2000-405/011-000	25

Push-in type wire jumper; insulated; 0.75 mm² conductor cross-section; I_N 9 A		
L = 60 mm	2009-402	100 (10)
L = 110 mm	2009-404	100 (10)
L = 250 mm	2009-406	100 (10)

Carrier with 6 coding pins; for coding female plugs		
orange	2020-100	100 (25)

Test pin; 1 mm Ø		
	859-500	1

Test plug adapter; for 4 mm Ø test plug		
gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V		
	215-111	50

Testing tap; for max. 2.5 mm²		
gray	2009-182	100 (25)

1-conductor female plug		
gray	2020-102	100

2-conductor female plug		
gray	2020-202	100

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.

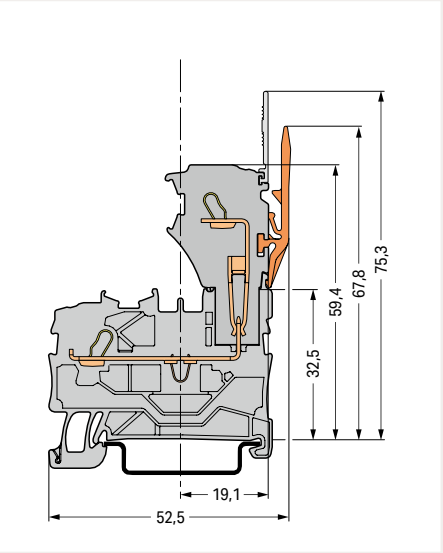
❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

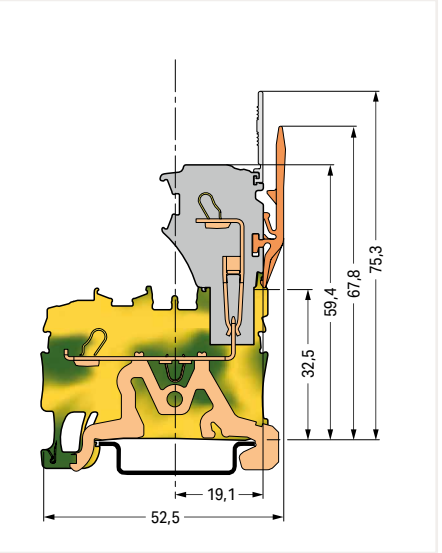
Note:
When used as intended, female plugs must not be connected/disconnected when live or under load.
An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com



Carrier terminal block



Ground carrier terminal block

Accessories; 2020 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

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

white	**2009-110**	1

Screwless end stop; for DIN-35 rail; 6 mm wide

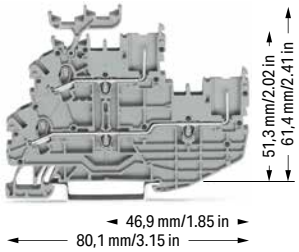
gray	**249-116**	100 (25)

Screwless end stop; for DIN-35 rail; 10 mm wide

gray	**249-117**	50 (25)

1-Conductor/1-Pin Double-Deck Carrier Terminal Block X-COM®S-SYSTEM-MINI
1 (1.5) mm²; 2020 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

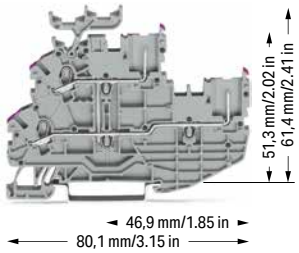


1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; with marker carrier; gray

	Item No.	Pack. Unit
L/L	2020-2231	50
N/L	2020-2232	50
L/N	2020-2233	50

1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; without marker carrier; gray

L/L	2020-2201	50
N/L	2020-2202	50
L/N	2020-2203	50



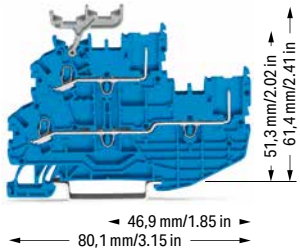
2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; with marker carrier, internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2020-2238	50

2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; without marker carrier, internally commoned; violet conductor entry; gray

L	2020-2208	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

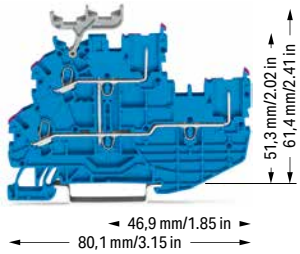


1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; with marker carrier; blue

	Item No.	Pack. Unit
N/N	2020-2234	50

1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; without marker carrier; blue

N/N	2020-2204	50



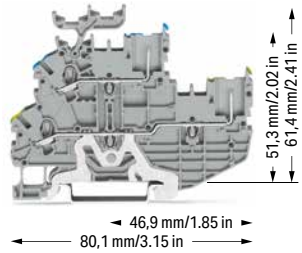
2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; with marker carrier, internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2020-2239	50

2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; without marker carrier, internally commoned; violet conductor entry; blue

N	2020-2209	50

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

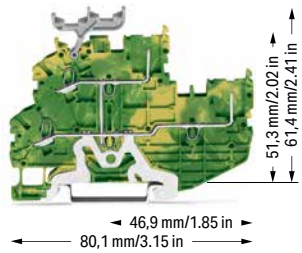


1-conductor/1-pin double-deck carrier terminal block; ground conductor/through terminal block; with marker carrier; gray

	Item No.	Pack. Unit
PE/N	2020-2247	50
PE/L	2020-2257	50

1-conductor/1-pin double-deck carrier terminal block; ground conductor/through terminal block; without marker carrier; gray

PE/N	2020-2217	50
PE/L	2020-2227	50



2-conductor/2-pin double-deck carrier block; 2-conductor/2-pin ground conductor block; with marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2020-2237	50

2-conductor/2-pin double-deck carrier block; 2-conductor/2-pin ground conductor block; without marker carrier; internally commoned; green-yellow

PE	2020-2207	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 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

Note:
When used as intended, female plugs must not be connected/disconnected when live or under load.
An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2020 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2020-2292	100 (25)
gray	2020-2291	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

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 vertical jumper; insulated; I_N 13.5 A

light gray	2000-492	100 (25)

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

yellow	2000-115	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2020-100	100 (25)

Test pin; 1 mm Ø

	859-500	1

Accessories; 2020 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

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)

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

yellow	210-137	50 (1)

1-conductor female plug

gray	2020-102	100

2-conductor female plug

gray	2020-202	100

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

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

white	2009-110	1

Double-deck marker carrier; pivoting

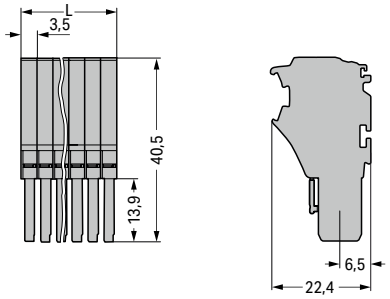
gray	2000-121	50 (25)

Size comparison:
Double-deck carrier terminal blocks with 3.5 mm and 5.2 mm terminal block widths

1-Conductor Female Plug, 2-Conductor Female Plug X-COM®S-SYSTEM-MINI
1 (1.5) mm²; 2020 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

Dimensions (in mm):



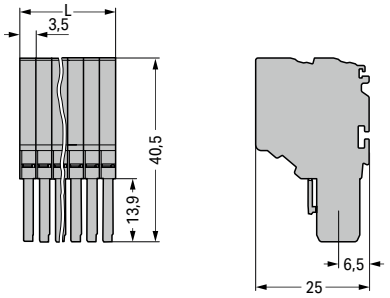
L = (pole no. x module width) + 0.7 mm

1-conductor female plug; fits into carrier terminal blocks; codable; gray
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.
Notice: An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Pole No.	Item No.	Pack. Unit
2	2020-102	100
3	2020-103	50
4	2020-104	50
5	2020-105	50
6	2020-106	50
7	2020-107	25
8	2020-108	25
9	2020-109	25
10	2020-110	25
11	2020-111	20
12	2020-112	20
13	2020-113	10
14	2020-114	10
15	2020-115	10

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

Dimensions (in mm):



L = (pole no. x module width) + 0.7 mm

2-conductor female plug; fits into carrier terminal blocks; codable; gray
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.
Notice: An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Pole No.	Item No.	Pack. Unit
2	2020-202	100
3	2020-203	50
4	2020-204	50
5	2020-205	50
6	2020-206	25
7	2020-207	25
8	2020-208	25
9	2020-209	25
10	2020-210	25
11	2020-211	20
12	2020-212	20
13	2020-213	10
14	2020-214	10
15	2020-215	10

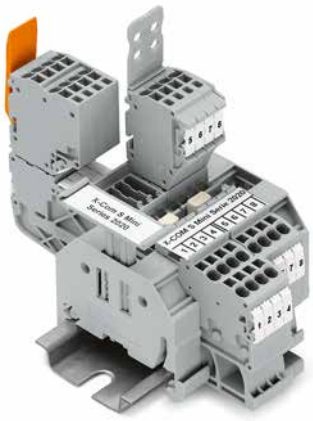
❶ Conductor range: 0.14 … 1.5 mm² "s+f-st"; Push-in termination: 0.5 … 1.5 mm² "s" and 0.5 … 0.75 mm² "insulated ferrules; 10 mm" Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

Item no. suffixes
blue …/000-006
green-yellow …/000-016

Approvals and corresponding ratings, visit www.wago.com



X-COM®S-SYSTEM terminal block assembly

X-COM®S-SYSTEM terminal block assembly

Accessories; for female plugs

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

yellow	2000-115	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2020-100	100 (25)

Locking lever; 4.8 mm wide

orange	2022-142	100 (25)
gray	2022-141	100 (25)

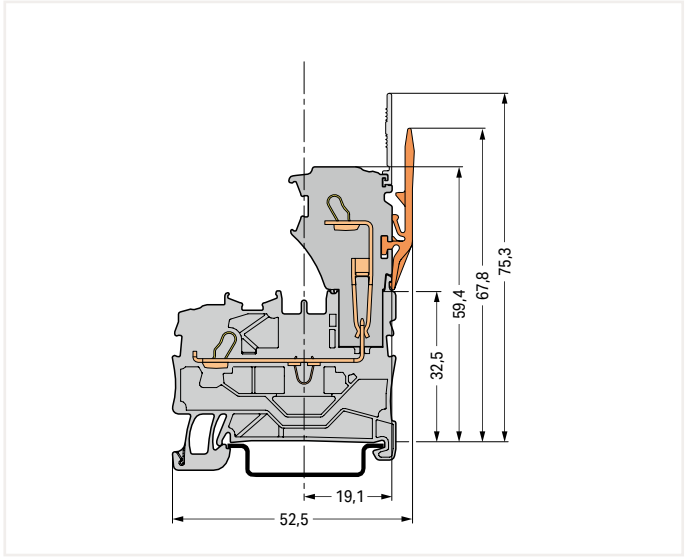
Locking lever; 9.6 mm wide

orange	2022-152	100 (25)
gray	2022-151	100 (25)

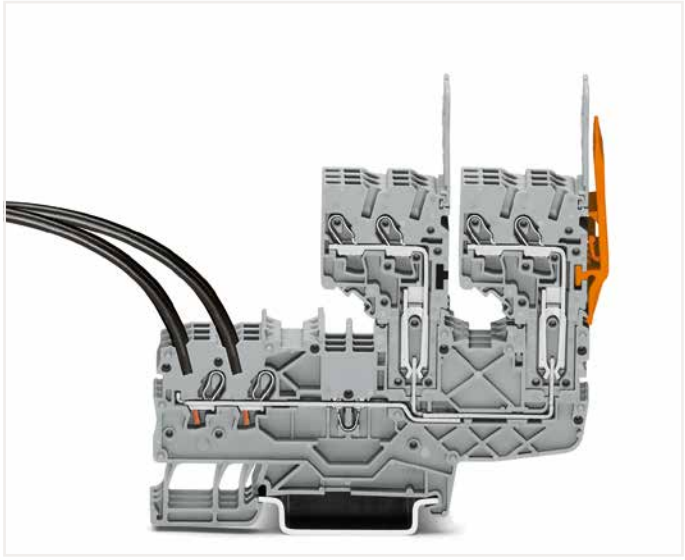
PUSH-IN CAGE CLAMP®

Carrier Terminal Blocks and 1-/2-Conductor Female Plugs X-COM®S-SYSTEM-MINI
Types of Assembly

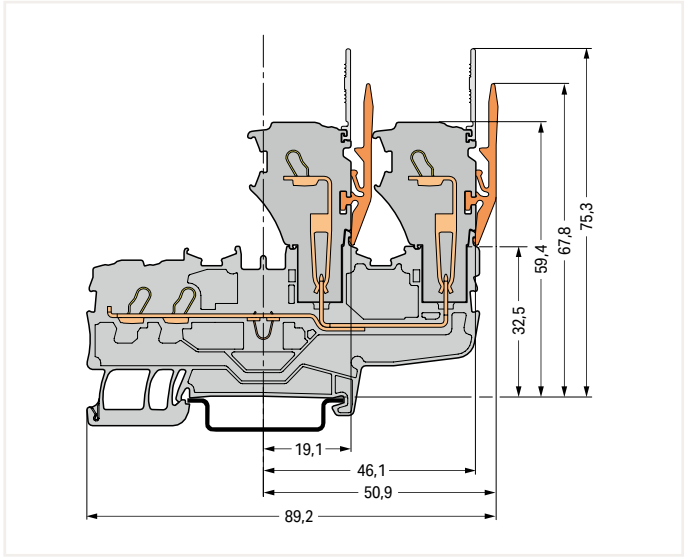
1-conductor female plug
Carrier terminal blocks can be commoned via 2000 Series Push-In Type Jumper Bars and tested via 859-500 Test Pin.



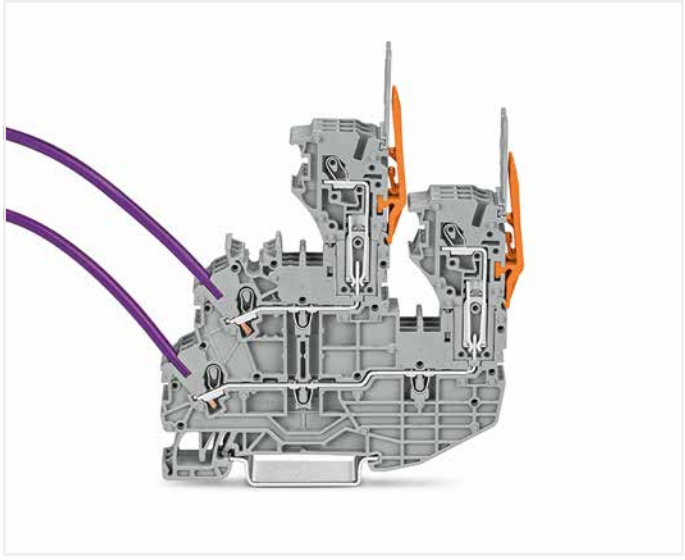
Carrier terminal block



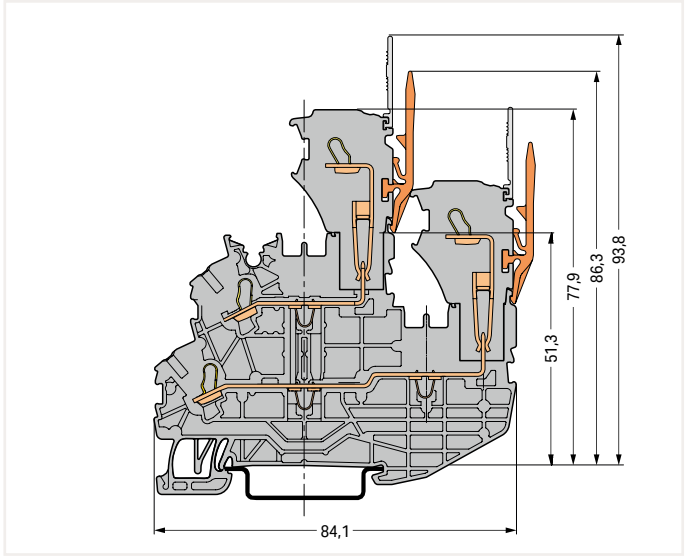
2-conductor female plug
Carrier terminal blocks can be commoned via 2000 Series Push-In Type Jumper Bars and tested via 859-500 Test Pin.



Carrier terminal block



1-conductor female plug
Double-deck carrier terminal blocks can be commoned via 2000 Series Push-In Type Jumper Bars and tested via 859-500 Test Pin.



Double-deck carrier terminal block

Female Plug for Self-Assembly X-COM®S-SYSTEM-MINI
1 (1.5) mm²; 2020 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 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 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

Note:
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.
Notice: An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Approvals and corresponding ratings, visit www.wago.com

1-conductor end module; codable

Color	Item No.	Pack. Unit
gray	2020-181	250
blue	2020-184	250
green-yellow	2020-187	250

2-conductor end module; codable

Color	Item No.	Pack. Unit
gray	2020-281	250
blue	2020-284	250
green-yellow	2020-287	250

1-conductor base module; with end plate; codable

gray	2020-161	250
blue	2020-164	250
green-yellow	2020-167	250

2-conductor base module; with end plate; codable

gray	2020-261	250
blue	2020-264	250
green-yellow	2020-267	250

Accessories; for female plugs

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

yellow	2000-115	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2020-100	100 (25)

Locking lever; 4.8 mm wide

orange	2022-142	100 (25)
gray	2022-141	100 (25)

Locking lever; 9.6 mm wide

orange	2022-152	100 (25)
gray	2022-151	100 (25)

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; 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

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

white	2009-110	1

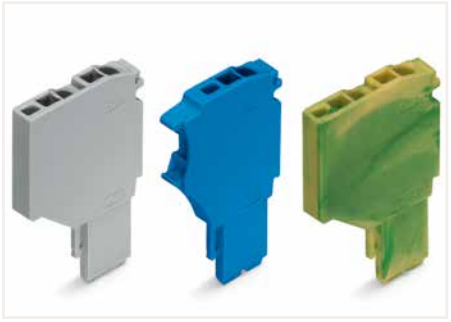
Customizing Modular Female Plugs
WAGO's modular X-COM®S-SYSTEM female plugs can be customized for applications requiring varying numbers of poles (e.g., when designing prototypes).

Modules and Pole Numbers
A customized X-COM®S-SYSTEM-MINI female plug consists of:
- One base module with end plate
- Up to 14 end modules

Intended Use
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

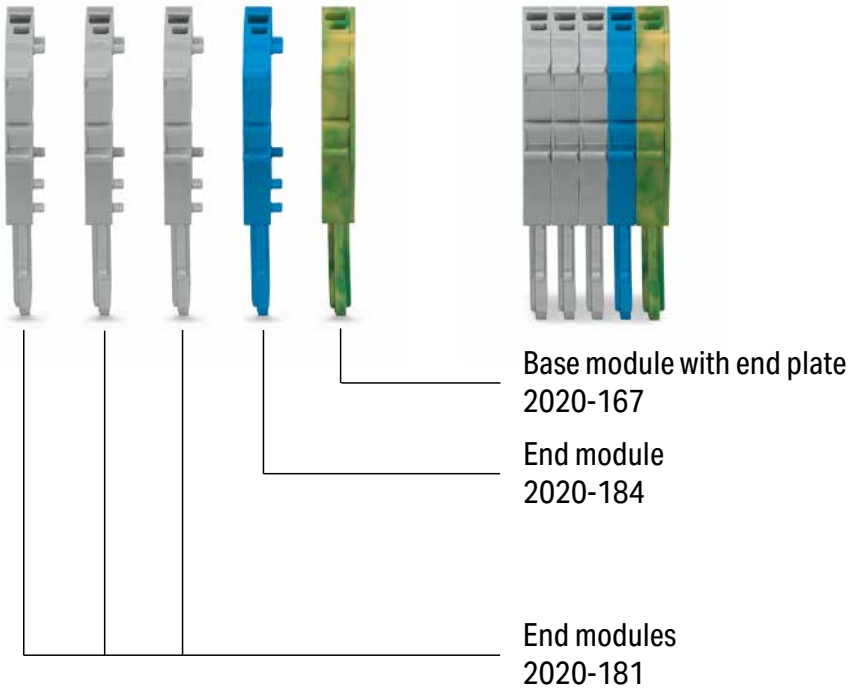
Mounting
The appropriate mounting tool shall be used in order to guarantee that the individual modules are properly attached to each other without damaging the locking latches.

End module



Base module

Example: 5-Pole, 1-Conductor Female Plug



Pre-Assembled 1-Conductor Female Plug X-COM®S-SYSTEM-MINI
1 (1.5) mm²; 2020 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

1-conductor female plug; with ground base module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2020-103/000-036	50
4	2020-104/000-036	50
5	2020-105/000-036	50
6	2020-106/000-036	50
7	2020-107/000-036	25
8	2020-108/000-036	25
9	2020-109/000-036	25
10	2020-110/000-036	25
11	2020-111/000-036	20
12	2020-112/000-036	20
13	2020-113/000-036	10
14	2020-114/000-036	10
15	2020-115/000-036	10

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

1-conductor female plug; with ground end module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2020-103/000-037	50
4	2020-104/000-037	50
5	2020-105/000-037	50
6	2020-106/000-037	50
7	2020-107/000-037	25
8	2020-108/000-037	25
9	2020-109/000-037	25
10	2020-110/000-037	25
11	2020-111/000-037	20
12	2020-112/000-037	20
13	2020-113/000-037	10
14	2020-114/000-037	10
15	2020-115/000-037	10

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

1-conductor female plug; with ground base module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2020-103/000-038	50
4	2020-104/000-038	50
5	2020-105/000-038	50
6	2020-106/000-038	50
7	2020-107/000-038	25
8	2020-108/000-038	25
9	2020-109/000-038	25
10	2020-110/000-038	25
11	2020-111/000-038	20
12	2020-112/000-038	20
13	2020-113/000-038	10
14	2020-114/000-038	10
15	2020-115/000-038	10

Accessories; for female plugs

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

yellow	2000-115	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2020-100	100 (25)

Locking lever; 4.8 mm wide

orange	2022-142	100 (25)
gray	2022-141	100 (25)

Locking lever; 9.6 mm wide

orange	2022-152	100 (25)
gray	2022-151	100 (25)

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; 2,300 WMB markers (3.5 mm)/reel

white	2009-113	1

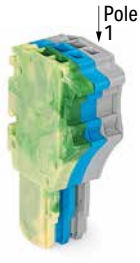
WMB marking card; white; 10 strips with 10 markers/card; for 3.5 mm terminal block width

plain	793-3501	5

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

white	2009-110	1

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 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 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

Note:
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.
Notice: An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Approvals and corresponding ratings,
visit www.wago.com

1-conductor female plug; with ground end module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2020-103/000-039	50
4	2020-104/000-039	50
5	2020-105/000-039	50
6	2020-106/000-039	50
7	2020-107/000-039	25
8	2020-108/000-039	25
9	2020-109/000-039	25
10	2020-110/000-039	25
11	2020-111/000-039	20
12	2020-112/000-039	20
13	2020-113/000-039	10
14	2020-114/000-039	10
15	2020-115/000-039	10

Pre-Assembled 2-Conductor Female Plug X-COM®S-SYSTEM-MINI
1 (1.5) mm²; 2020 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

2-conductor female plug; with ground base module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2020-203/000-036	50
4	2020-204/000-036	50
5	2020-205/000-036	50
6	2020-206/000-036	50
7	2020-207/000-036	25
8	2020-208/000-036	25
9	2020-209/000-036	25
10	2020-210/000-036	25
11	2020-211/000-036	20
12	2020-212/000-036	20
13	2020-213/000-036	10
14	2020-214/000-036	10
15	2020-215/000-036	10

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

2-conductor female plug; with ground end module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2020-203/000-037	50
4	2020-204/000-037	50
5	2020-205/000-037	50
6	2020-206/000-037	50
7	2020-207/000-037	25
8	2020-208/000-037	25
9	2020-209/000-037	25
10	2020-210/000-037	25
11	2020-211/000-037	20
12	2020-212/000-037	20
13	2020-213/000-037	10
14	2020-214/000-037	10
15	2020-215/000-037	10

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

2-conductor female plug; with ground base module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2020-203/000-038	50
4	2020-204/000-038	50
5	2020-205/000-038	50
6	2020-206/000-038	50
7	2020-207/000-038	25
8	2020-208/000-038	25
9	2020-209/000-038	25
10	2020-210/000-038	25
11	2020-211/000-038	20
12	2020-212/000-038	20
13	2020-213/000-038	10
14	2020-214/000-038	10
15	2020-215/000-038	10

Accessories; for female plugs

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

yellow	2000-115	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2020-100	100 (25)

Locking lever; 4.8 mm wide

orange	2022-142	100 (25)
gray	2022-141	100 (25)

Locking lever; 9.6 mm wide

orange	2022-152	100 (25)
gray	2022-151	100 (25)

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; 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

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

white	2009-110	1

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 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 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

Note:
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.
Notice: An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Approvals and corresponding ratings,
visit www.wago.com

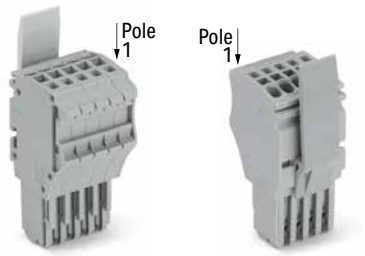
2-conductor female plug; with ground end module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2020-203/000-039	50
4	2020-204/000-039	50
5	2020-205/000-039	50
6	2020-206/000-039	50
7	2020-207/000-039	25
8	2020-208/000-039	25
9	2020-209/000-039	25
10	2020-210/000-039	25
11	2020-211/000-039	20
12	2020-212/000-039	20
13	2020-213/000-039	10
14	2020-214/000-039	10
15	2020-215/000-039	10

1-Conductor Female Plug X-COM®S-SYSTEM-MINI; with Lateral Locking Lever and Strain Relief Plate

1 (1.5) mm²; 2020 Series

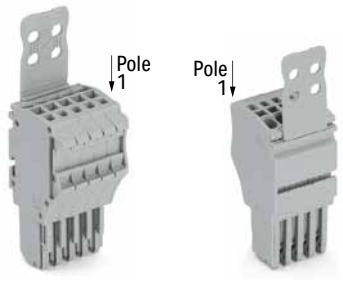
Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



1-conductor female plug; with locking lever; fits into carrier terminal blocks; codable; gray

Pole No.	Item No.	Pack. Unit
2	2020-102/122-000	100
3	2020-103/122-000	50
4	2020-104/124-000	50
5	2020-105/124-000	50
6	2020-106/124-000	25
7	2020-107/124-000	25
8	2020-108/124-000	25
9	2020-109/124-000	25
10	2020-110/125-000	25
11	2020-111/125-000	20
12	2020-112/125-000	20
13	2020-113/125-000	10
14	2020-114/125-000	10
15	2020-115/125-000	10

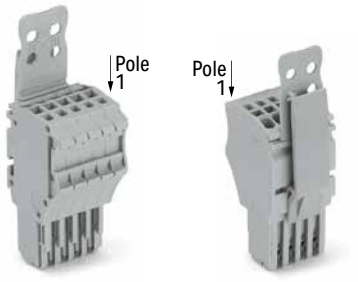
Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



1-conductor female plug; with strain relief plate; fits into carrier terminal blocks; codable; gray

Pole No.	Item No.	Pack. Unit
2	2020-102/132-000	100
3	2020-103/132-000	50
4	2020-104/133-000	50
5	2020-105/133-000	50
6	2020-106/133-000	25
7	2020-107/134-000	25
8	2020-108/134-000	25
9	2020-109/134-000	25
10	2020-110/135-000	25
11	2020-111/135-000	20
12	2020-112/135-000	20
13	2020-113/135-000	10
14	2020-114/135-000	10
15	2020-115/135-000	10

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



1-conductor female plug; with strain relief plate and locking lever; fits into carrier terminal blocks; codable; gray

Pole No.	Item No.	Pack. Unit
2	2020-102/142-000	100
3	2020-103/142-000	50
4	2020-104/143-000	50
5	2020-105/143-000	50
6	2020-106/143-000	25
7	2020-107/144-000	25
8	2020-108/144-000	25
9	2020-109/144-000	25
10	2020-110/145-000	25
11	2020-111/145-000	20
12	2020-112/145-000	20
13	2020-113/145-000	10
14	2020-114/145-000	10
15	2020-115/145-000	10

Accessories; for female plugs

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

yellow	2000-115	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2020-100	100 (25)

WMB Inline; plain; 2,300 WMB markers (3.5 mm)/reel

white	2009-113	1

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

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 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

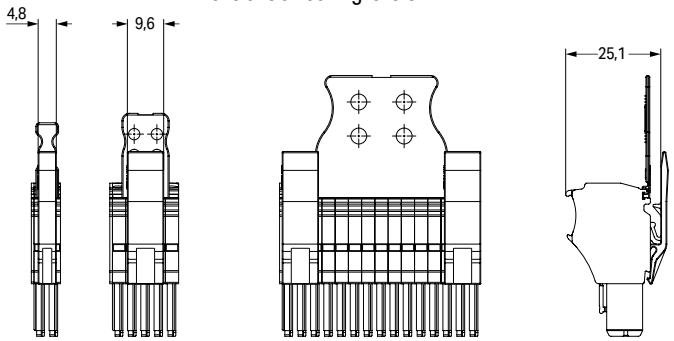
Note:
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.
Notice: An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Approvals and corresponding ratings,
visit www.wago.com

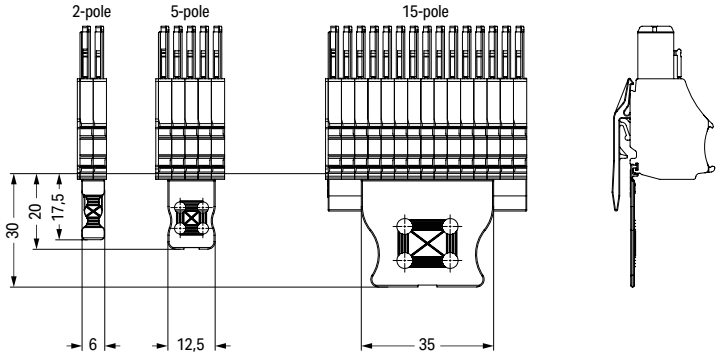
Strain Relief Plate (SRP), Gray			Assembled	Locking Lever (LL), Gray		Assembled		SRP and LL, Gray Assembled
	SRP			Pole No.	Quantity	1-Way	2-Way	
			Item No. Suffix			Item No. Suffix		Item No. Suffix
Item No.	Color	Width						
734-327	gray	6mm	/132-0xx	2 to 3	1	/122-0xx	–	/142-0xx
734-328	gray	12.5mm	/133-0xx	4 to 6	1	–	/124-0xx	/143-0xx
734-329	gray	25mm	/134-0xx	7 to 9	1	–	/124-0xx	/144-0xx
734-326	gray	35mm	/135-0xx	10 to 15	2	–	/125-0xx	/145-0xx

For colored female plugs, the item number suffix “xx” must be replaced by the blue “-006” and the green-yellow “-016” color suffix.

Dimensions of locking levers



Description	Color	Item No.	Suffix No.
1-conductor female plug 2- to 15-pole	gray blue green-yellow	2020-102 to 2020-115	none /000-006 /000-016



Dimensions of strain relief plates

2-Conductor Female Plug X-COM®S-SYSTEM-MINI; with Lateral Locking Lever and Strain Relief Plate

1 (1.5) mm²; 2020 Series

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

2-conductor female plug; with locking lever; fits into carrier terminal blocks; codable; gray

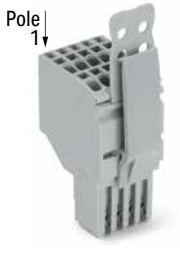
Pole No.	Item No.	Pack. Unit
2	2020-202/122-000	100
3	2020-203/122-000	50
4	2020-204/124-000	50
5	2020-205/124-000	50
6	2020-206/124-000	25
7	2020-207/124-000	25
8	2020-208/124-000	25
9	2020-209/124-000	25
10	2020-210/125-000	25
11	2020-211/125-000	20
12	2020-212/125-000	20
13	2020-213/125-000	10
14	2020-214/125-000	10
15	2020-215/125-000	10

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

2-conductor female plug; with strain relief plate; fits into carrier terminal blocks; codable; gray

Pole No.	Item No.	Pack. Unit
2	2020-202/132-000	100
3	2020-203/132-000	50
4	2020-204/133-000	50
5	2020-205/133-000	50
6	2020-206/133-000	25
7	2020-207/134-000	25
8	2020-208/134-000	25
9	2020-209/134-000	25
10	2020-210/135-000	25
11	2020-211/135-000	20
12	2020-212/135-000	20
13	2020-213/135-000	10
14	2020-214/135-000	10
15	2020-215/135-000	10

Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



2-conductor female plug; with strain relief plate and locking lever; fits into carrier terminal blocks; codable; gray

Pole No.	Item No.	Pack. Unit
2	2020-202/142-000	100
3	2020-203/142-000	50
4	2020-204/143-000	50
5	2020-205/143-000	50
6	2020-206/143-000	25
7	2020-207/144-000	25
8	2020-208/144-000	25
9	2020-209/144-000	25
10	2020-210/145-000	25
11	2020-211/145-000	20
12	2020-212/145-000	20
13	2020-213/145-000	10
14	2020-214/145-000	10
15	2020-215/145-000	10

Accessories; for female plugs

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

yellow	2000-115	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2020-100	100 (25)

WMB Inline; plain; 2,300 WMB markers (3.5 mm)/reel

white	2009-113	1

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

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 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

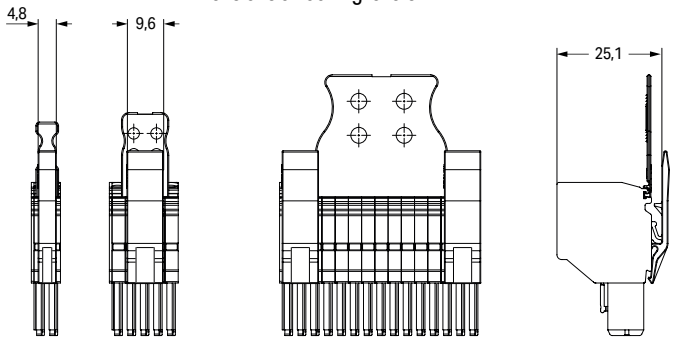
Note:
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.
Notice: An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Approvals and corresponding ratings,
visit www.wago.com

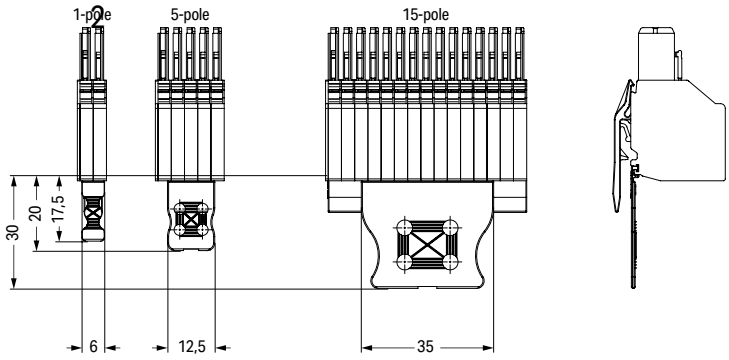
Strain Relief Plate (SRP), Gray			Assembled	Locking Lever (LL), Gray		Assembled		SRP and LL, Gray Assembled
	SRP			Pole No.	Quantity	1-Way	2-Way	
			Item No. Suffix			Item No. Suffix		Item No. Suffix
Item No.	Color	Width						
734-327	gray	6mm	/132-0xx	2 to 3	1	/122-0xx	–	/142-0xx
734-328	gray	12.5mm	/133-0xx	4 to 6	1	–	/124-0xx	/143-0xx
734-329	gray	25mm	/134-0xx	7 to 9	1	–	/124-0xx	/144-0xx
734-326	gray	35mm	/135-0xx	10 to 15	2	–	/125-0xx	/145-0xx

For colored female plugs, the item number suffix “xx” must be replaced by the blue “-006” and the green-yellow “-016” color suffix.

Dimensions of locking levers



Description	Color	Item No.	Suffix No.
2-conductor female plug 2- to 15-pole	gray	2020-202 to 2020-215	none
	blue		/000-006
	green-yellow		/000-016



Dimensions of strain relief plates

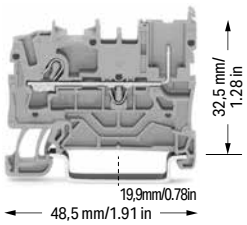
1-Conductor/1-Pin Carrier Terminal Block, 2-Conductor/1-Pin Carrier Terminal Block, 2-Conductor/2-Pin Carrier Terminal Block X-COM®S-SYSTEM

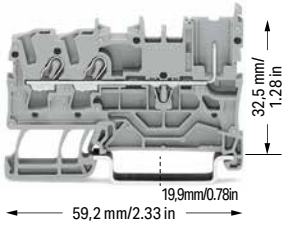
2.5 (4) mm²; 2022 Series

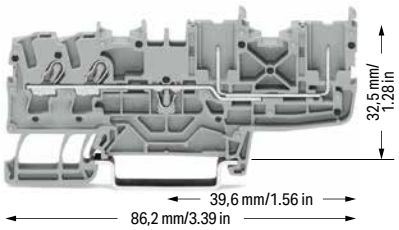
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
690 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A) ❸	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
690 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A) ❸	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

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







1-conductor/1-pin carrier terminal block

Color	Item No.	Pack. Unit
gray	2022-1201	100
blue	2022-1204	100
orange	2022-1202	100

2-conductor/1-pin carrier terminal block

Color	Item No.	Pack. Unit
gray	2022-1301	100
blue	2022-1304	100
orange	2022-1302	100

2-conductor/2-pin carrier terminal block

Color	Item No.	Pack. Unit
gray	2022-1401	50
blue	2022-1404	50
orange	2022-1402	50

1-conductor/1-pin ground carrier terminal block

green-yellow	2022-1207	100

2-conductor/1-pin ground carrier terminal block

green-yellow	2022-1307	100

2-conductor/2-pin ground carrier terminal block

green-yellow	2022-1407	50

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2022-1292	100 (25)
gray	2022-1291	100 (25)

orange	2022-1392	100 (25)
gray	2022-1391	100 (25)

orange	2022-1492	100 (25)
gray	2022-1491	100 (25)

Accessories; 2022 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)

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

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

5-way	2002-415	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)

Carrier with 6 coding pins; for coding female plugs

orange	2022-100	100 (25)

Test pin; 1 mm Ø

	859-500	1

1-conductor female plug

gray	2022-101	200

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.

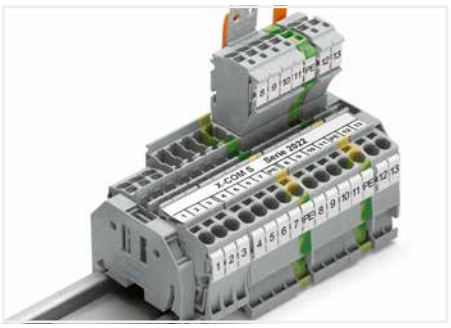
❷ 690 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

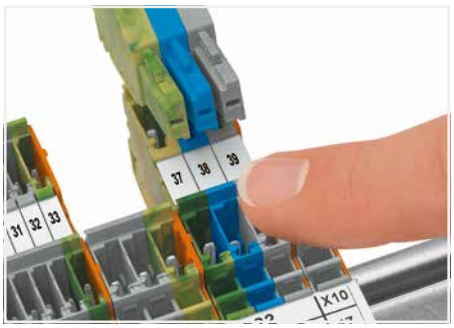
Note:
When used as intended, female plugs must not be connected/disconnected when live or under load.

Please observe the application notes:
Jumpers, from page 160
Marking, from page 246

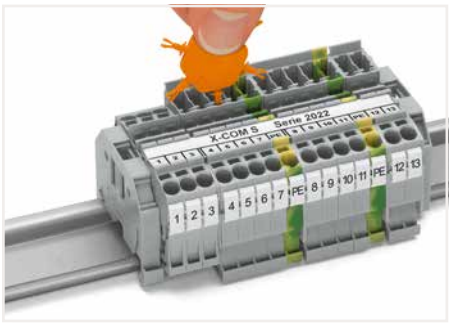
Approvals and corresponding ratings, visit www.wago.com



2022 Series X-COM®S-SYSTEM Carrier Terminal Blocks combined with 2002 Series Through Terminal Blocks



Carrier terminal blocks and female plugs are touch-proof.



Insert coding pin into the corresponding slot and twist it off.

Accessories; 2022 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

white	**2009-115**	1

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

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

yellow	**793-5501/000-002**	5
red	**793-5501/000-005**	5
blue	**793-5501/000-006**	5
gray	**793-5501/000-007**	5
orange	**793-5501/000-012**	5
light green	**793-5501/000-017**	5
green	**793-5501/000-023**	5
violet	**793-5501/000-024**	5

Screwless end stop; for DIN-35 rail; 6 mm wide

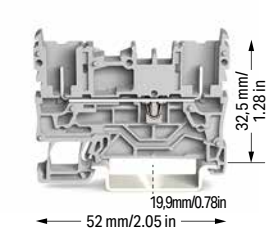
gray	**249-116**	100 (25)

Screwless end stop; for DIN-35 rail; 10 mm wide

gray	**249-117**	50 (25)

2-Pin Carrier Terminal Block, 4-Pin Carrier Terminal Block X-COM®S-SYSTEM
2022 Series

Technical Data
690 V/6 kV/3 ❶
I_N 24 A(28 A) ❷
Terminal block width: 5.2 mm / 0.205 inch



2-pin carrier terminal block

Color	Item No.	Pack. Unit
gray	2022-1601	50
blue	2022-1604	50
orange	2022-1602	50

2-pin ground carrier terminal block

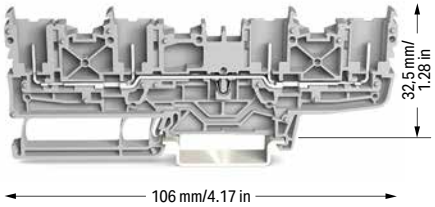
green-yellow	2022-1607	50

Item-Specific Accessories

End plate; 1 mm thick

orange	2022-1692	100 (25)
gray	2022-1691	100 (25)

Technical Data
690 V/6 kV/3 ❶
I_N 24 A (27 A) ❷
Terminal block width: 5.2 mm / 0.205 inch



4-pin carrier terminal block

Color	Item No.	Pack. Unit
gray	2022-1801	50
blue	2022-1804	50
orange	2022-1802	50

4-pin ground carrier terminal block

green-yellow	2022-1807	50

Item-Specific Accessories

End plate; 1 mm thick

orange	2022-1892	100 (25)
gray	2022-1891	100 (25)

Accessories; 2022 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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

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; 1 to 3

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

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

5-way	2002-415	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)

Carrier with 6 coding pins; for coding female plugs

orange	2022-100	100 (25)

❶ 690 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❷ Current-carrying capacity curves upon request

Note:
When used as intended, female plugs must not be connected/disconnected when live or under load.

Please observe the application notes:
Jumpers, from page 160
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2022 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

1-conductor female plug

gray	2022-101	200

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

white	2009-115	1

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

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

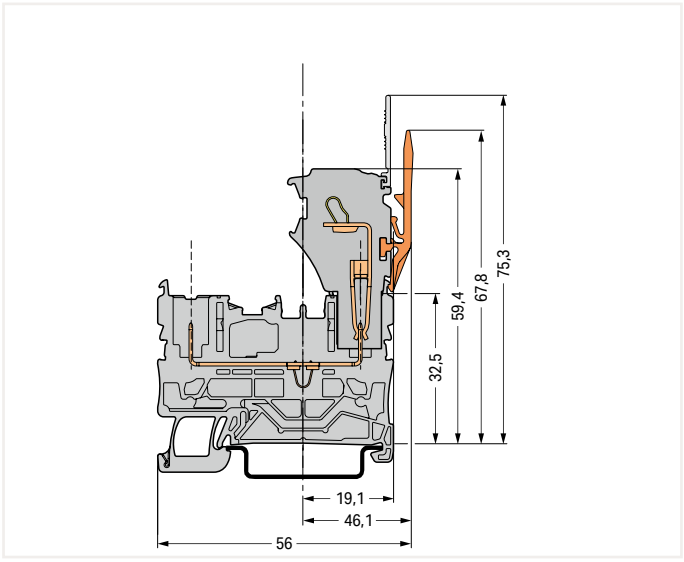
Screwless end stop; for DIN-35 rail; 6 mm wide

gray	249-116	100 (25)

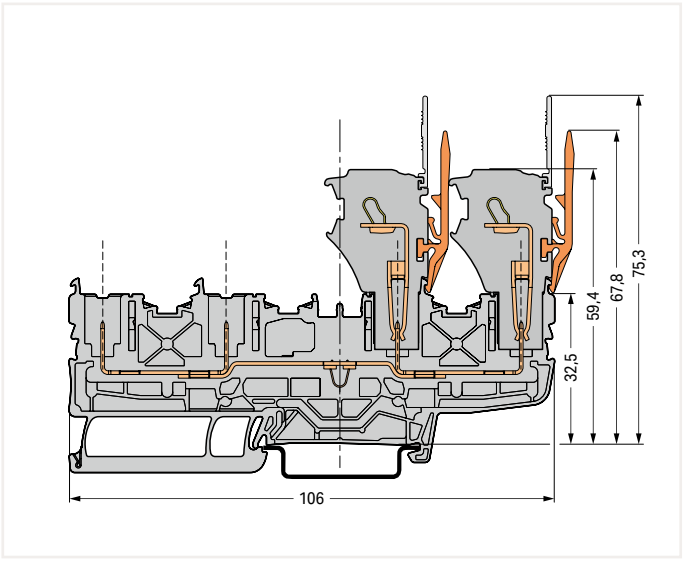
Screwless end stop; for DIN-35 rail; 10 mm wide

gray	249-117	50 (25)

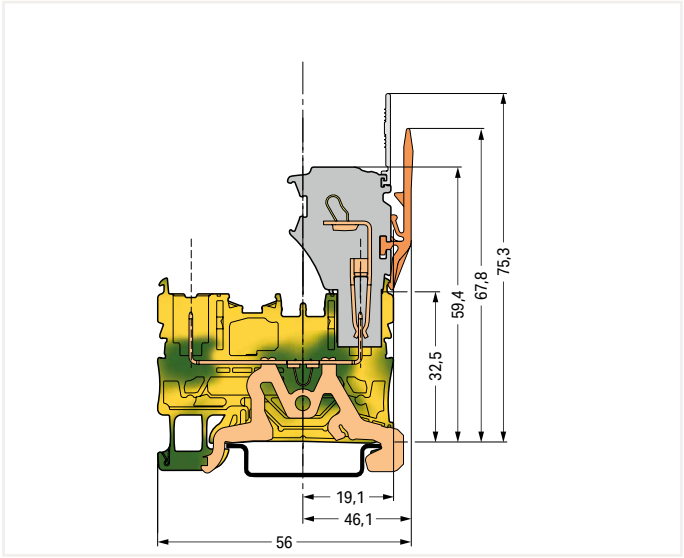
Carrier Terminal Blocks and 1-Conductor Female Plugs X-COM®S-SYSTEM
Types of Assembly



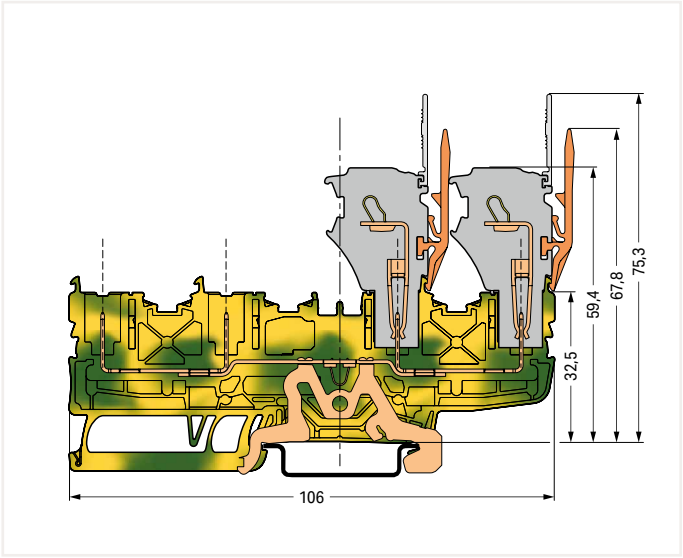
Carrier terminal block



Carrier terminal block



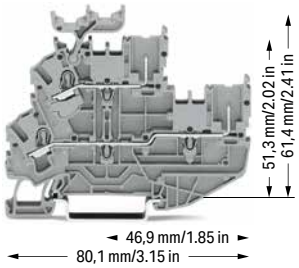
Ground carrier terminal block



Ground carrier terminal block

1-Conductor/1-Pin Double-Deck Carrier Terminal Block X-COM®S-SYSTEM
2.5 (4) mm²; 2022 Series

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

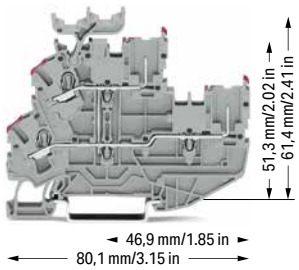


1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; with marker carrier; gray

	Item No.	Pack. Unit
L/L	2022-2231	50
N/L	2022-2232	50
L/N	2022-2233	50

1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; without marker carrier; gray

L/L	2022-2201	50
N/L	2022-2202	50
L/N	2022-2203	50



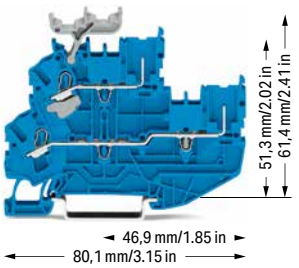
2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; with marker carrier, internally commoned; violet conductor entry; gray

	Item No.	Pack. Unit
L	2022-2238	50

2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; without marker carrier, internally commoned; violet conductor entry; gray

L	2022-2208	50

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

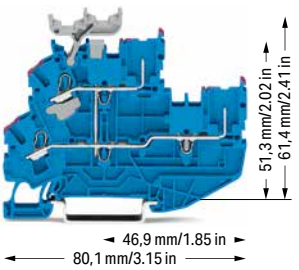


1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; with marker carrier; blue

	Item No.	Pack. Unit
N/N	2022-2234	50

1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; without marker carrier; blue

N/N	2022-2204	50



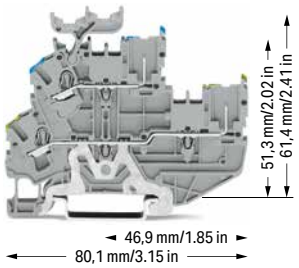
2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; with marker carrier, internally commoned; violet conductor entry; blue

	Item No.	Pack. Unit
N	2022-2239	50

2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; without marker carrier, internally commoned; violet conductor entry; blue

N	2022-2209	50

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

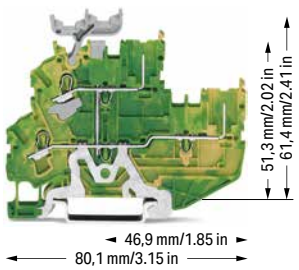


1-conductor/1-pin double-deck carrier terminal block; ground conductor/through terminal block; with marker carrier; gray

	Item No.	Pack. Unit
PE/N	2022-2247	50
PE/L	2022-2257	50

1-conductor/1-pin double-deck carrier terminal block; ground conductor/through terminal block; without marker carrier; gray

PE/N	2022-2217	50
PE/L	2022-2227	50



2-conductor/2-pin double-deck carrier block; 2-conductor/2-pin ground conductor block; with marker carrier; internally commoned; green-yellow

	Item No.	Pack. Unit
PE	2022-2237	50

2-conductor/2-pin double-deck carrier block; 2-conductor/2-pin ground conductor block; without marker carrier; internally commoned; green-yellow

PE	2022-2207	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 690 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

Note:
When used as intended, female plugs must not be connected/disconnected when live or under load.

Please observe the application notes:
Jumpers, from page 160
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2022 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2022-2292	100 (25)
gray	2022-2291	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)

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

Double-deck vertical jumper; insulated; I_N 24 A

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

Accessories; 2022 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

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

5-way	2002-415	25

Carrier with 6 coding pins; for coding female plugs

orange	2022-100	100 (25)

Test pin; 1 mm Ø

	859-500	1

1-conductor female plug

gray	2022-101	200

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

white	2009-115	1

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

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

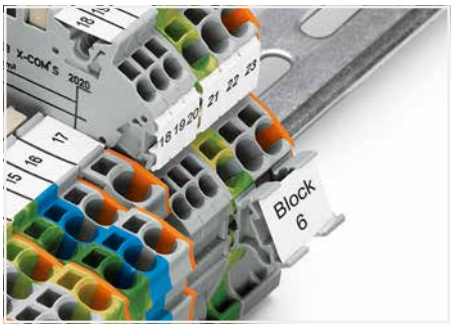
Double-deck marker carrier; pivoting

gray	2002-121	50 (25)

Screwless end stop; for DIN-35 rail; 6 mm wide

gray	249-116	100 (25)

Size comparison:
Double-deck carrier terminal blocks with 3.5 mm and 5.2 mm terminal block widths

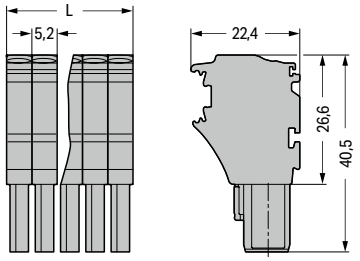


Marker carrier (2009-198)

1-Conductor Female Plug X-COM®S-SYSTEM
2.5 (4) mm²; 2022 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
690 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A) ❸	600 V, 20 A
Module width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

Dimensions (in mm):



L = pole no. x module width

1-conductor female plug; fits into carrier terminal blocks; codable; gray
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

Pole No.	Item No.	Pack. Unit
1	2022-101	200
2	2022-102	200
3	2022-103	100
4	2022-104	100
5	2022-105	50
6	2022-106	50
7	2022-107	50
8	2022-108	50
9	2022-109	50
10	2022-110	25
11	2022-111	25
12	2022-112	25
13	2022-113	25
14	2022-114	25
15	2022-115	25

1-conductor female plug; fits into carrier terminal blocks; codable; green-yellow
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

1	2022-101/000-016	200
2	2022-102/000-016	200

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 690 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

Item no. suffixes
blue …/000-006
orange …/000-012

Approvals and corresponding ratings, visit www.wago.com

Accessories; for female plugs

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)

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

yellow	2002-115	100 (25)

Locking lever; 4.8 mm wide

orange	2022-142	100 (25)
gray	2022-141	100 (25)

Locking lever; 9.6 mm wide

orange	2022-152	100 (25)
gray	2022-151	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2022-100	100 (25)

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)
55 mm wide	734-430	50 (25)
75 mm wide	734-431	50 (25)

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

white	2009-115	1

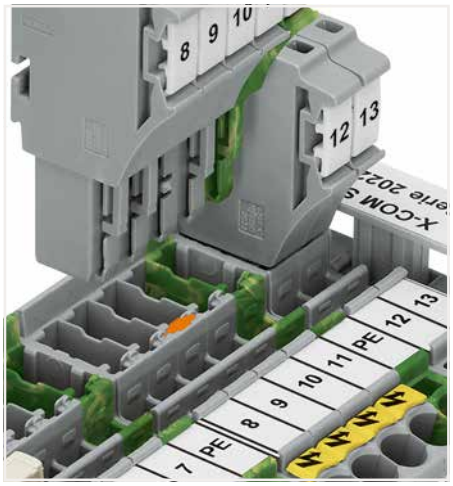
Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

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

plain	793-5501	5

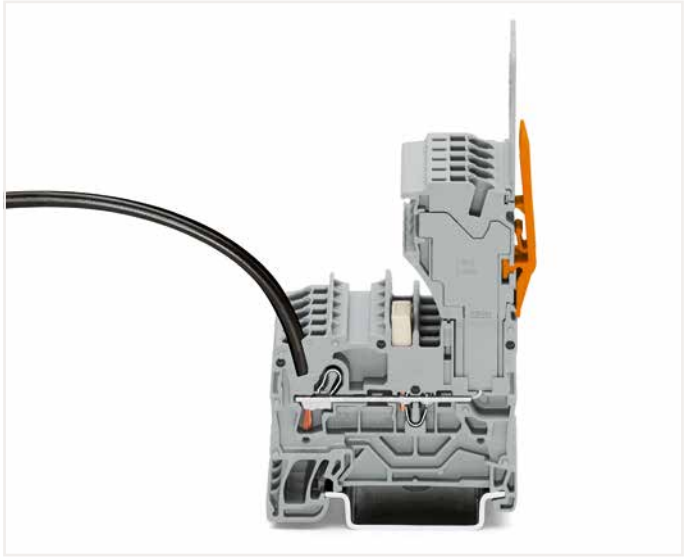
Coding a female plug: remove coding finger using a suitable tool.



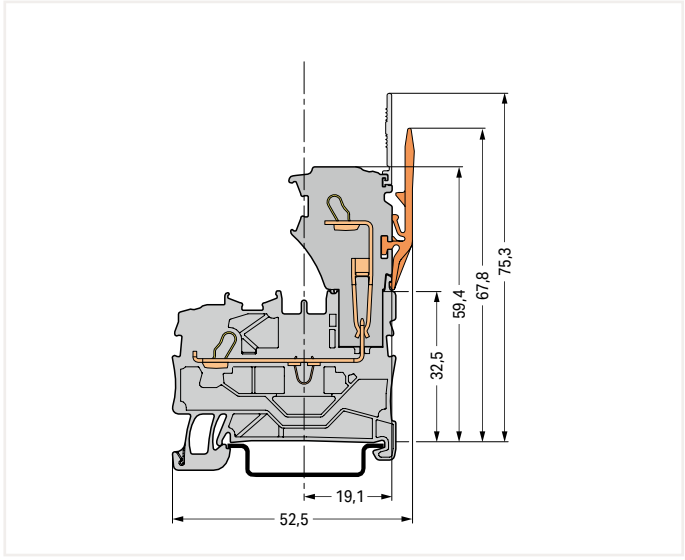
Insert a coding pin (2022-100) into the corresponding location of the carrier terminal block.

PUSH-IN CAGE CLAMP®

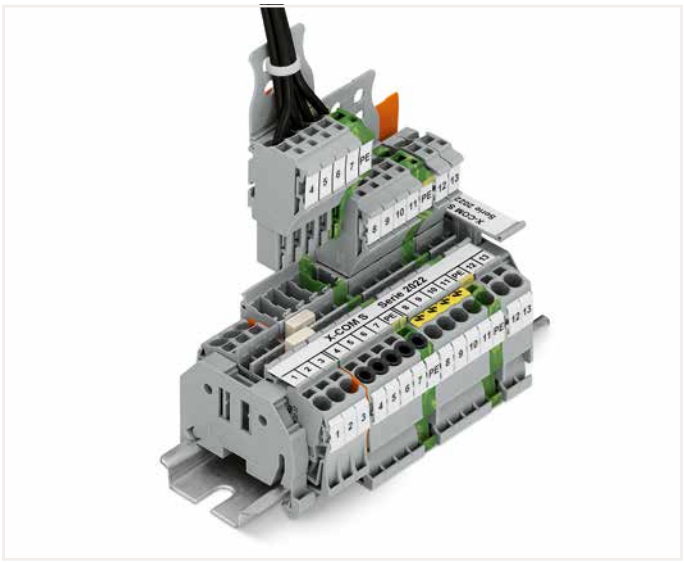
Carrier Terminal Blocks and 1-Conductor Female Plugs X-COM®S-SYSTEM
Types of Assembly



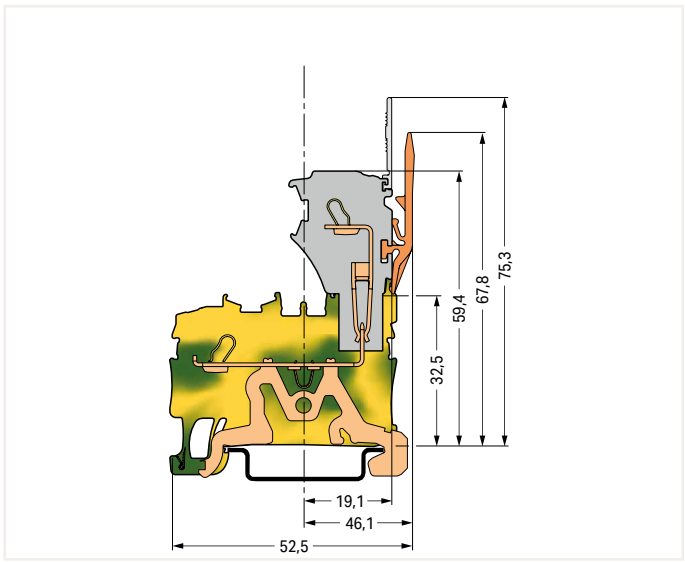
1-conductor female plug
Carrier terminal blocks can be commoned via 2002 Series Push-In Type Jumper Bars and tested via 859-500 Test Pin.



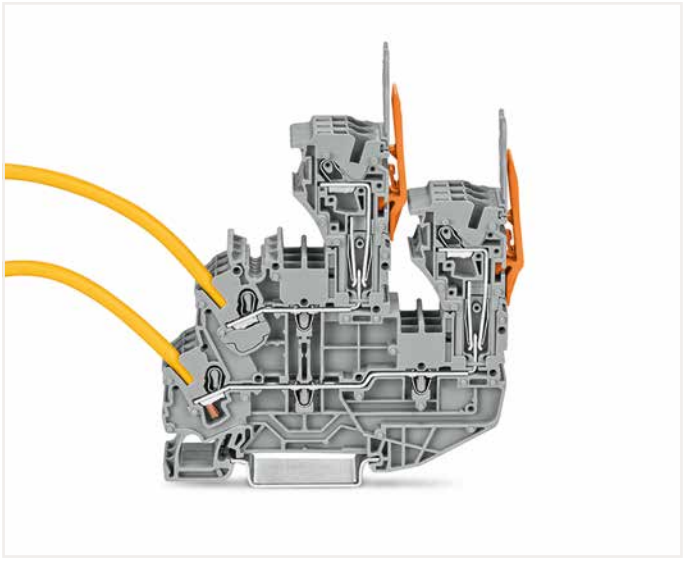
Carrier terminal block



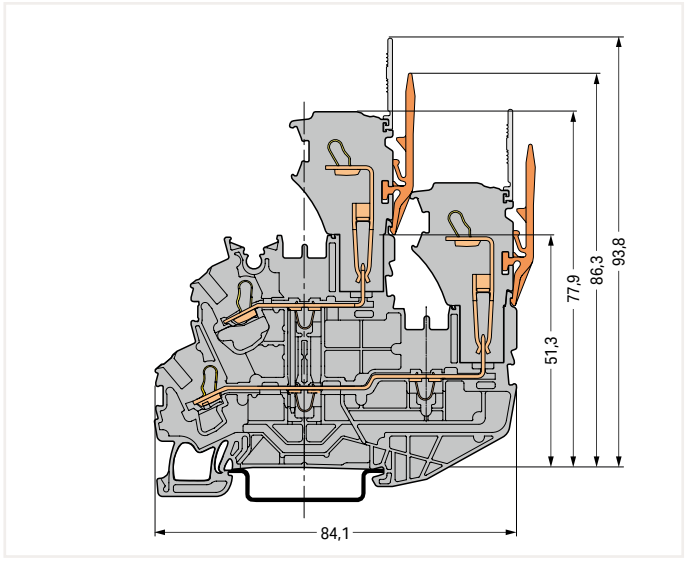
X-COM®S-SYSTEM terminal block assembly



Ground carrier terminal block



1-conductor female plug
Double-deck carrier terminal blocks can be commoned via 2002 Series Push-In Type Jumper Bars and tested via 859-500 Test Pin.



Double-deck carrier terminal block

Female Plug for Self-Assembly X-COM®S-SYSTEM
2.5 (4) mm²; 2022 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
690 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A) ❸	600 V, 20 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 690 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

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

1-conductor end module; codable

Color	Item No.	Pack. Unit
gray	2022-181	250
blue	2022-184	250
orange	2022-182	250
green-yellow	2022-187	250

1-conductor center module; codable

gray	2022-171	250
blue	2022-174	250
orange	2022-172	250
green-yellow	2022-177	250

1-conductor base module; with integrated end plate; codable

gray	2022-161	250
blue	2022-164	250
orange	2022-162	250
green-yellow	2022-167	250

Accessories; for female plugs

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)

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

yellow	2002-115	100 (25)

Locking lever; 4.8 mm wide

orange	2002-142	100 (25)
gray	2002-141	100 (25)

Locking lever; 9.6 mm wide

orange	2002-152	100 (25)
gray	2002-151	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2002-100	100 (25)

Accessories; for female plugs

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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)
55 mm wide	734-430	50 (25)
75 mm wide	734-431	50 (25)

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

white	2009-115	1

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

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Customizing Modular Female Plugs

WAGO's modular X-COM®S-SYSTEM female plugs can be customized for applications requiring varying numbers of poles (e.g., when designing prototypes).

Modules and Pole Numbers

A customized X-COM®S-SYSTEM female plug consists of:
- One base module with an integrated end plate
- Up to 13 center modules (corresponding to a 15-pole female plug = maximum pole number)
- One end module

Intended Use

According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

Mounting

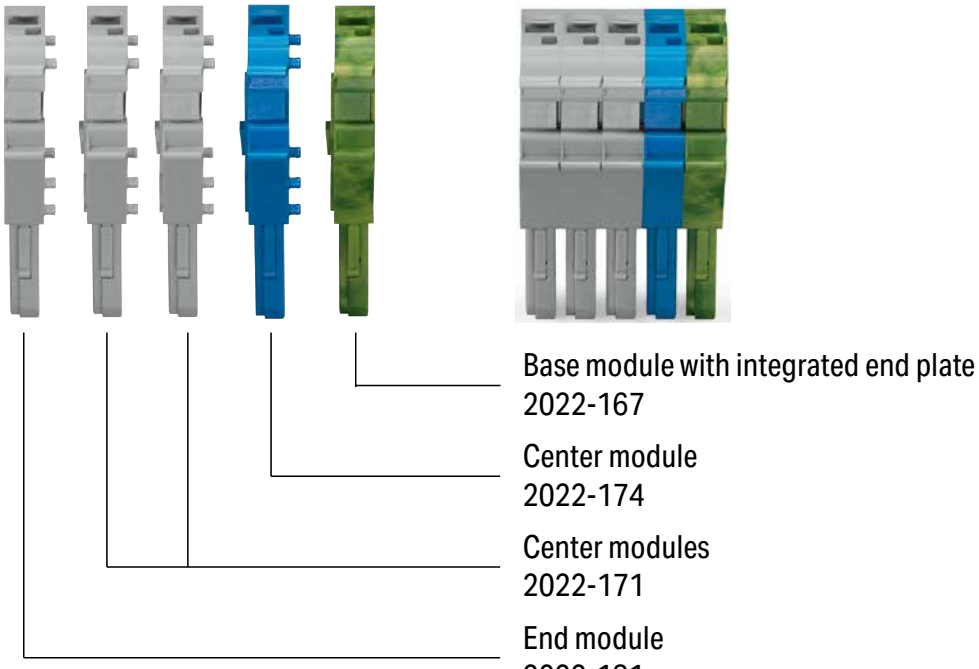
The appropriate mounting tool shall be used in order to guarantee that the individual modules are properly attached to each other without damaging the locking latches.


End module


Center module


Base module

Example: 5-Pole, 1-Conductor Female Plug



Pre-Assembled 1-Conductor Female Plug X-COM®S-SYSTEM
2.5 (4) mm²; 2022 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
690 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A) ❸	600 V, 20 A
Module width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

1-conductor female plug; with ground base module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2022-103/000-036	100
4	2022-104/000-036	100
5	2022-105/000-036	50
6	2022-106/000-036	50
7	2022-107/000-036	50
8	2022-108/000-036	50
9	2022-109/000-036	50
10	2022-110/000-036	25
11	2022-111/000-036	25
12	2022-112/000-036	25
13	2022-113/000-036	25
14	2022-114/000-036	25
15	2022-115/000-036	25

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
690 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A) ❸	600 V, 20 A
Module width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

1-conductor female plug; with ground end module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2022-103/000-037	100
4	2022-104/000-037	100
5	2022-105/000-037	50
6	2022-106/000-037	50
7	2022-107/000-037	50
8	2022-108/000-037	50
9	2022-109/000-037	50
10	2022-110/000-037	25
11	2022-111/000-037	25
12	2022-112/000-037	25
13	2022-113/000-037	25
14	2022-114/000-037	25
15	2022-115/000-037	25

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
690 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A) ❸	600 V, 20 A
Module width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

1-conductor female plug; with ground base module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2022-103/000-038	100
4	2022-104/000-038	100
5	2022-105/000-038	50
6	2022-106/000-038	50
7	2022-107/000-038	50
8	2022-108/000-038	50
9	2022-109/000-038	50
10	2022-110/000-038	25
11	2022-111/000-038	25
12	2022-112/000-038	25
13	2022-113/000-038	25
14	2022-114/000-038	25
15	2022-115/000-038	25

Accessories; for female plugs

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)

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

yellow	2002-115	100 (25)

Locking lever; 4.8 mm wide

orange	2002-142	100 (25)
gray	2002-141	100 (25)

Locking lever; 9.6 mm wide

orange	2002-152	100 (25)
gray	2002-151	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2002-100	100 (25)

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)
55 mm wide	734-430	50 (25)
75 mm wide	734-431	50 (25)

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

white	2009-115	1

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

white	2009-110	1

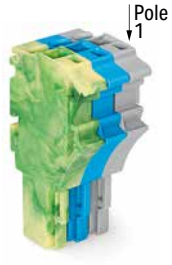
WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
690 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A) ❸	600 V, 20 A
Module 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 690 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

Note:
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

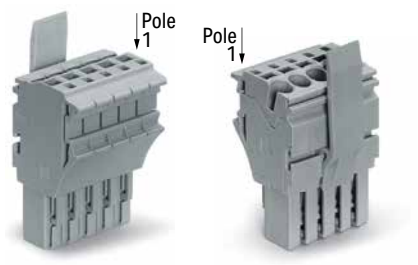
Approvals and corresponding ratings,
visit www.wago.com

1-conductor female plug; with ground end module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2022-103/000-039	100
4	2022-104/000-039	100
5	2022-105/000-039	50
6	2022-106/000-039	50
7	2022-107/000-039	50
8	2022-108/000-039	50
9	2022-109/000-039	50
10	2022-110/000-039	25
11	2022-111/000-039	25
12	2022-112/000-039	25
13	2022-113/000-039	25
14	2022-114/000-039	25
15	2022-115/000-039	25

1-Conductor Female Plug X-COM®S-SYSTEM; with Lateral Locking Lever and Strain Relief Plate
2.5 (4) mm²; 2022 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
690 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A) ❸	600 V, 20 A
Module width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



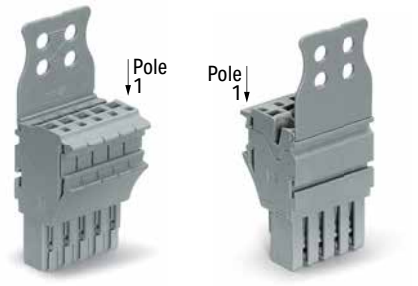
1-conductor female plug; with locking lever; fits into carrier terminal blocks; codable; gray

Pole No.	Item No.	Pack. Unit
1	2022-101/122-000	200
2	2022-102/122-000	100
3	2022-103/123-000	100
4	2022-104/123-000	50
5	2022-105/123-000	50
6	2022-106/123-000	50
7	2022-107/123-000	25
8	2022-108/123-000	25
9	2022-109/123-000	25
10	2022-110/123-000	25
11	2022-111/126-000	25
12	2022-112/126-000	20
13	2022-113/126-000	20
14	2022-114/126-000	10
15	2022-115/127-000	10

1-conductor female plug; with locking lever; fits into carrier terminal blocks; codable

1 blue	2022-101/122-006	200
1 green-yellow	2022-101/122-016	200

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
690 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A) ❸	600 V, 20 A
Module width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



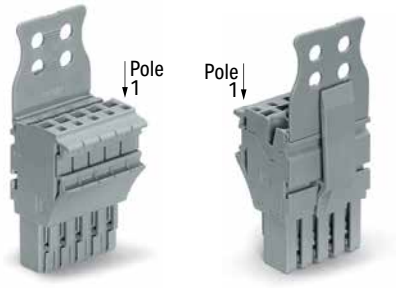
1-conductor female plug; with strain relief plate; fits into carrier terminal blocks; codable; gray

Pole No.	Item No.	Pack. Unit
1	2022-101/132-000	200
2	2022-102/132-000	100
3	2022-103/133-000	100
4	2022-104/133-000	50
5	2022-105/134-000	50
6	2022-106/134-000	50
7	2022-107/135-000	25
8	2022-108/135-000	25
9	2022-109/135-000	25
10	2022-110/135-000	25
11	2022-111/136-000	25
12	2022-112/136-000	20
13	2022-113/136-000	20
14	2022-114/136-000	10
15	2022-115/137-000	10

1-conductor female plug; with strain relief plate; fits into carrier terminal blocks; codable

1 blue	2022-101/132-006	200
1 green-yellow	2022-101/132-016	200

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
690 V/6 kV/3 ❷	600 V, 20 A
I_N 24 A (32 A) ❸	600 V, 20 A
Module width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



1-conductor female plug; with strain relief plate and locking lever; fits into carrier terminal blocks; codable; gray

Pole No.	Item No.	Pack. Unit
1	2022-101/142-000	200
2	2022-102/142-000	100
3	2022-103/143-000	100
4	2022-104/143-000	50
5	2022-105/144-000	50
6	2022-106/144-000	50
7	2022-107/145-000	25
8	2022-108/145-000	25
9	2022-109/145-000	25
10	2022-110/145-000	25
11	2022-111/146-000	25
12	2022-112/146-000	20
13	2022-113/146-000	20
14	2022-114/146-000	10
15	2022-115/147-000	10

1-conductor female plug; with strain relief plate and locking lever; fits into carrier terminal blocks; codable

1 blue	2022-101/142-006	200
1 green-yellow	2022-101/142-016	200

Accessories; for female plugs

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)

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

yellow	2002-115	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2022-100	100 (25)

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

white	2009-115	1

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

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	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 690 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

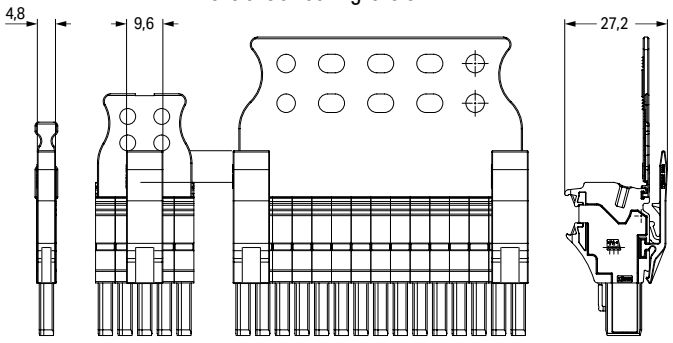
Note:
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

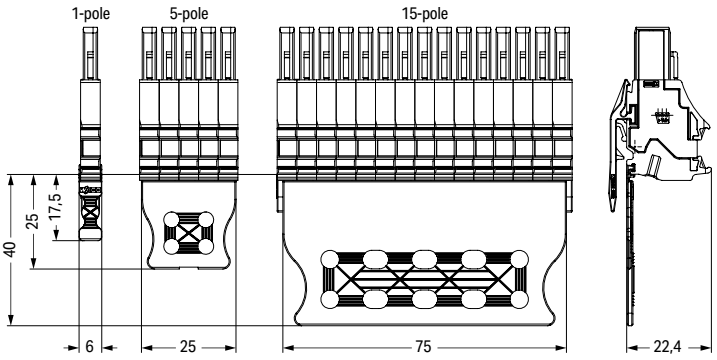
Approvals and corresponding ratings, visit www.wago.com

Strain Relief Plate (SRP), Gray			Assembled	Locking Lever (LL), Gray		Assembled		SRP and LL, Gray Assembled
	SRP			Pole No.	Quantity	1-Way	2-Way	
			Item No. Suffix			Item No. Suffix		Item No. Suffix
Item No.	Color	Width						
734-327	gray	6mm	/132-0xx	1 to 2	1	/122-0xx	–	/142-0xx
734-328	gray	12.5mm	/133-0xx	3 to 4	1	–	/123-0xx	/143-0xx
734-329	gray	25mm	/134-0xx	5 to 6	1	–	/123-0xx	/144-0xx
734-326	gray	35mm	/135-0xx	7 to 10	1	–	/123-0xx	/145-0xx
734-430	gray	55mm	/136-0xx	11 to 14	2	–	/126-0xx	/146-0xx
734-431	gray	75mm	/137-0xx	15	2	–	/127-0xx	/147-0xx

For colored female plugs, the item number suffix “xx” must be replaced by the blue “-006” and the green-yellow “-016” color suffix.

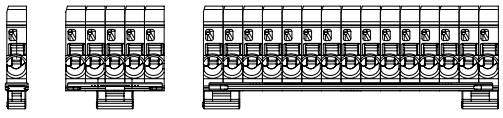
Dimensions of locking levers

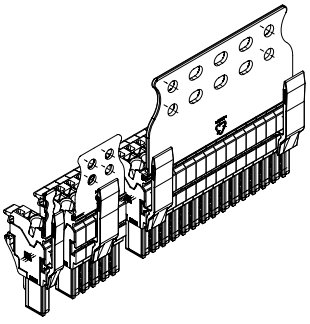




Dimensions of strain relief plates

Description	Color	Item No.	Suffix No.
1-conductor female plug 1- to 15-pole	gray blue green-yellow	2022-101 to 2022-115	none /000-006 /000-016

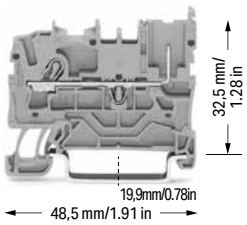




1-Conductor/1-Pin Carrier Terminal Block, 2-Conductor/1-Pin Carrier Terminal Block, 2-Conductor/2-Pin Carrier Terminal Block X-COM®S-SYSTEM; for Ex nA Applications

2.5 (4) mm²; 2022 Series

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



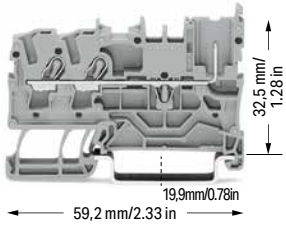
1-conductor/1-pin carrier terminal block; suitable for Ex nA applications		
Color	Item No.	Pack. Unit
gray	2022-1201/999-953	100
blue	2022-1204/999-953	100

1-conductor/1-pin ground carrier terminal block; suitable for Ex nA applications		
green-yellow	2022-1207/999-953	100

Accessories; item-specific

End and intermediate plate; 1 mm thick			
	orange	2022-1292	100 (25)
	gray	2022-1291	100 (25)

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



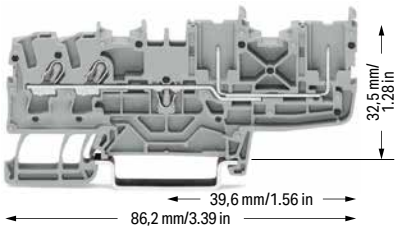
2-conductor/1-pin carrier terminal block; suitable for Ex nA applications		
Color	Item No.	Pack. Unit
gray	2022-1301/999-953	100
blue	2022-1304/999-953	100

2-conductor/1-pin ground carrier terminal block; suitable for Ex nA applications		
green-yellow	2022-1307/999-953	100

Accessories; item-specific

End and intermediate plate; 1 mm thick			
	orange	2022-1392	100 (25)
	gray	2022-1391	100 (25)

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



2-conductor/2-pin carrier terminal block; suitable for Ex nA applications		
Color	Item No.	Pack. Unit
gray	2022-1401/999-953	50
blue	2022-1404/999-953	50

2-conductor/2-pin ground carrier terminal block; suitable for Ex nA applications		
green-yellow	2022-1407/999-953	50

Accessories; item-specific

End and intermediate plate; 1 mm thick			
	orange	2022-1492	100 (25)
	gray	2022-1491	100 (25)

Accessories; 2022 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)

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

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)

Carrier with 6 coding pins; for coding female plugs			
	orange	2022-100	100 (25)

Test pin; 1 mm Ø		
	859-500	1

1-conductor female plug; with shorter locking lever; suitable for Ex nA applications; fits into carrier terminal blocks; codable			
	gray	2022-103/999-953	100

WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 … 5.2 mm stretchable			
	white	2009-115	1

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

WMB marking card; plain; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable			
	yellow	793-5501/000-002	5
	red	793-5501/000-005	5
	blue	793-5501/000-006	5
	gray	793-5501/000-007	5
	orange	793-5501/000-012	5
	light green	793-5501/000-017	5
	green	793-5501/000-023	5
	violet	793-5501/000-024	5

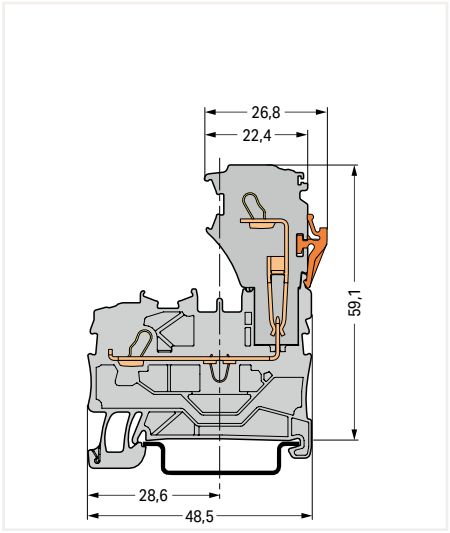
❶ Conductor range: 0.25 … 4 mm² “s+f-st”;
Push-in termination: 1 … 4 mm² “s” and 1 … 2.5 mm² “insulated ferrules, 12 mm”
Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❷ 630 V = rated voltage for use in Zone 2 hazardous areas, “nA” type of protection

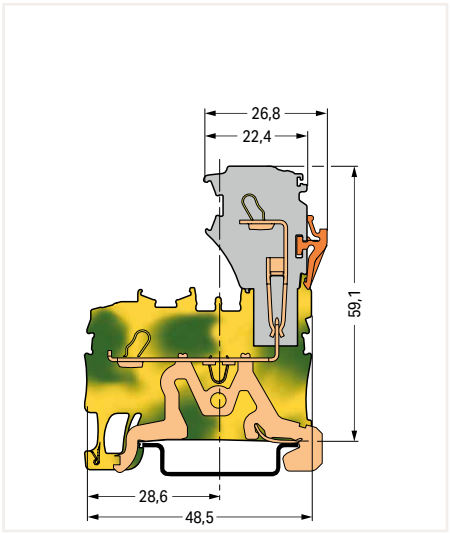
Note:
When used as intended, female plugs must not be connected/disconnected when live or under load.

Please observe the application notes:
Jumpers, from page 160
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com



Carrier terminal block



Ground carrier terminal block

630 V = rated voltage for use in Zone 2 hazardous areas, “nA” type of protection

“n” refers to an ignition protection class in Zone 2:
This zone covers areas in which a dangerous, explosive atmosphere consisting of gases, vapors or dust is unlikely to exist and will only persist for a short period if it does.

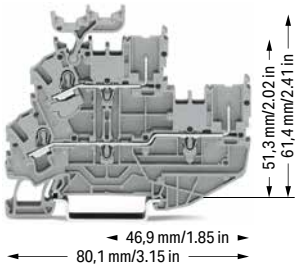
“A” means: non-sparking (function modules without relays/ switches)

Ex marking:
“Ex” sign and extended item number “…/999-953” are printed on the side of both carrier terminal blocks and female plugs with Ex approval.
Shorter locking lever (factory-mounted) makes accidental disconnection more difficult.

1-Conductor/1-Pin Double-Deck Carrier Terminal Block X-COM®S-SYSTEM; for Ex nA Applications

2.5 (4) mm²; 2022 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
630 V ❷	600 V; 20 A
I_N 20 A	600 V; 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; with marker carrier; suitable for Ex nA applications; gray

	Item No.	Pack. Unit
L/L	2022-2231/999-953	50
N/L	2022-2232/999-953	50
L/N	2022-2233/999-953	50

1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; without marker carrier; for Ex nA applications; gray

L/L	2022-2201/999-953	50
N/L	2022-2202/999-953	50
L/N	2022-2203/999-953	50

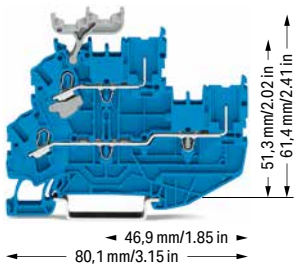
2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; with marker carrier, internally commoned; violet conductor entry; for Ex nA applications; gray

	Item No.	Pack. Unit
L	2022-2238/999-953	50

2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; without marker carrier, internally commoned; violet conductor entry; for Ex nA applications; gray

L	2022-2208/999-953	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
630 V ❷	600 V; 20 A
I_N 20 A	600 V; 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; with marker carrier; suitable for Ex nA applications; blue

	Item No.	Pack. Unit
N/N	2022-2234/999-953	50

1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; without marker carrier; for Ex nA applications; blue

N/N	2022-2204/999-953	50

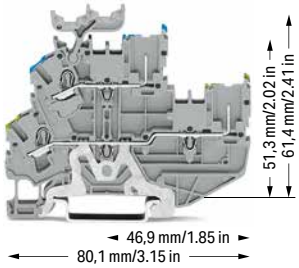
2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; with marker carrier, internally commoned; violet conductor entry;; for Ex nA applications; blue

	Item No.	Pack. Unit
N	2022-2239/999-953	50

2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; without marker carrier, internally commoned; violet conductor entry; for Ex nA applications; blue

N	2022-2209/999-953	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



1-conductor/1-pin double-deck carrier terminal block; ground conductor/through terminal block; with marker carrier; for Ex nA applications; gray

	Item No.	Pack. Unit
PE/N	2022-2247/999-953	50
PE/L	2022-2257/999-953	50

1-conductor/1-pin double-deck carrier terminal block; ground conductor/through terminal block; without marker carrier; for Ex nA applications; gray

PE/N	2022-2217/999-953	50
PE/L	2022-2227/999-953	50

2-conductor/2-pin double-deck carrier block; 2-conductor/2-pin ground conductor block; with marker carrier; internally commoned; for Ex nA applications; green-yellow

	Item No.	Pack. Unit
PE	2022-2237/999-953	50

2-conductor/2-pin double-deck carrier block; 2-conductor/2-pin ground conductor block; without marker carrier; internally commoned; for Ex nA applications; green-yellow

PE	2022-2207/999-953	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 630 V = rated voltage for use in Zone 2 hazardous areas, "nA" type of protection
with double-deck vertical jumper,

Note:
When used as intended, female plugs must not be connected/disconnected when live or under load.

Please observe the application notes:
Jumpers, from page 160
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2022 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

End and intermediate plate; 1 mm thick

orange	2022-2292	100 (25)
gray	2022-2291	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)

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

Double-deck vertical jumper; insulated; I_N 24 A

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

Accessories; 2022 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

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

5-way	2002-415	25

Carrier with 6 coding pins; for coding female plugs

orange	2022-100	100 (25)

Test pin; 1 mm Ø

	859-500	1

1-conductor female plug; with shorter locking lever; suitable for Ex nA applications; fits into carrier terminal blocks; codable

gray	2022-103/999-953	100

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

white	2009-115	1

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

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

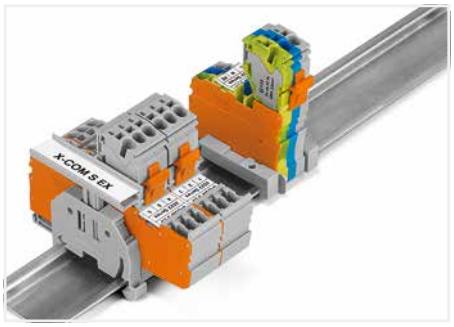
yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Double-deck marker carrier; pivoting

gray	2002-121	50 (25)

Screwless end stop; for DIN-35 rail; 6 mm wide

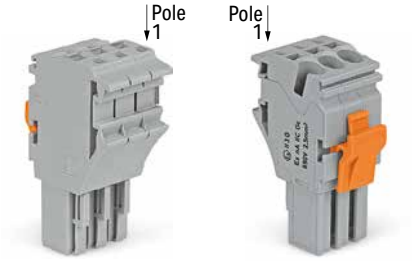
gray	249-116	100 (25)



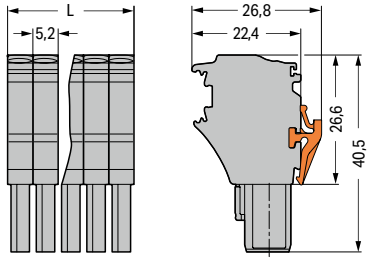
Group marking with height-adjustable group marker carrier (2009-163)

1-Conductor Female Plug X-COM®S-SYSTEM; for Ex nA Applications
2.5 (4) mm²; 2022 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
630 V ❷	600 V, 20 A
I_N 20 A	600 V, 20 A
Module width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Dimensions (in mm):



L = pole no. x module width

1-conductor female plug; with shorter locking lever; suitable for Ex nA applications; fits into carrier terminal blocks; codable; gray
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

Pole No.	Item No.	Pack. Unit
2	2022-102/999-953	200
3	2022-103/999-953	100
4	2022-104/999-953	100
5	2022-105/999-953	50
6	2022-106/999-953	50
7	2022-107/999-953	50
8	2022-108/999-953	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 630 V = rated voltage for use in Zone 2 hazardous areas, “nA” type of protection

Approvals and corresponding ratings, visit www.wago.com

Accessories; for female plugs

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)

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

yellow	2002-115	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2022-100	100 (25)

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)
55 mm wide	734-430	50 (25)
75 mm wide	734-431	50 (25)

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

white	2009-115	1

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

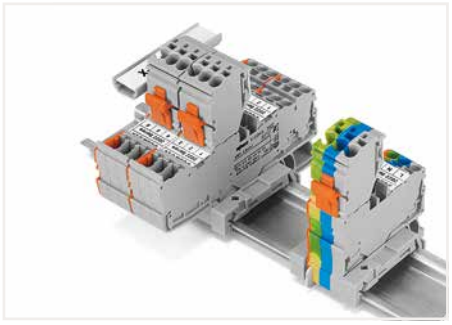
white	2009-110	1

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

plain	793-5501	5

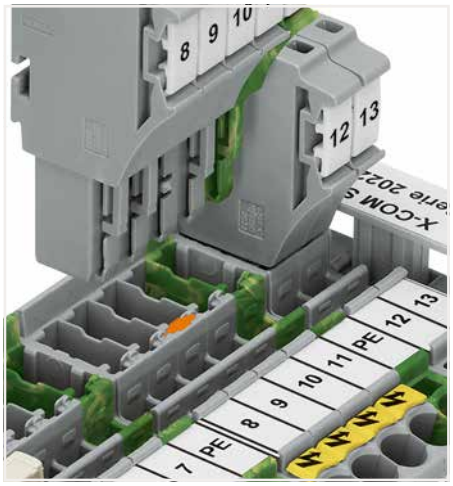
WMB marking card; plain; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5



Each female plug is supplied with a locking lever.

Coding a female plug: remove coding finger using a suitable tool.

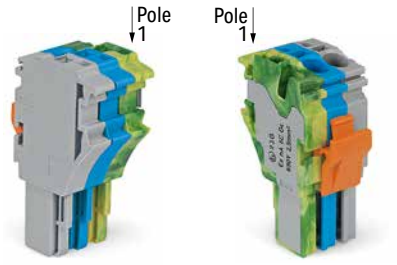


Insert a coding pin (2022-100) into the corresponding location of the carrier terminal block.

PUSH-IN CAGE CLAMP®

Pre-Assembled 1-Conductor Female Plug X-COM®S-SYSTEM; for Ex nA Applications
2.5 (4) mm²; 2022 Series

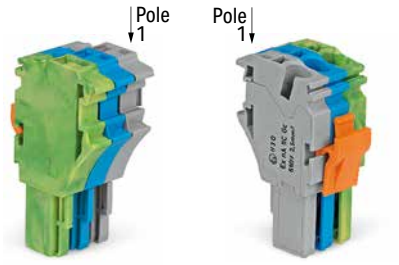
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
630 V ❷	600 V, 20 A
I_N 20 A	600 V, 20 A
Module width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



1-conductor female plug; with shorter locking lever; with ground base module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2022-103/000-038/999-953	100
4	2022-104/000-038/999-953	100
5	2022-105/000-038/999-953	50
6	2022-106/000-038/999-953	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
630 V ❷	600 V, 20 A
I_N 20 A	600 V, 20 A
Module width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



1-conductor female plug; with shorter locking lever; with ground end module (green-yellow); fits into carrier terminal blocks; codable

Pole No.	Item No.	Pack. Unit
3	2022-103/000-039/999-953	100
4	2022-104/000-039/999-953	100
5	2022-105/000-039/999-953	50
6	2022-106/000-039/999-953	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 630 V = rated voltage for use in Zone 2 hazardous areas, “nA” type of protection

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

Ex marking:
“Ex” sign and extended item number “…/999-953” are printed on the side of both carrier terminal blocks and female plugs with Ex approval.
Shorter locking lever (factory-mounted) makes accidental disconnection more difficult.

Accessories; for female plugs

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)

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

yellow	2002-115	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2022-100	100 (25)

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)
55 mm wide	734-430	50 (25)
75 mm wide	734-431	50 (25)

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

white	2009-115	1

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

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

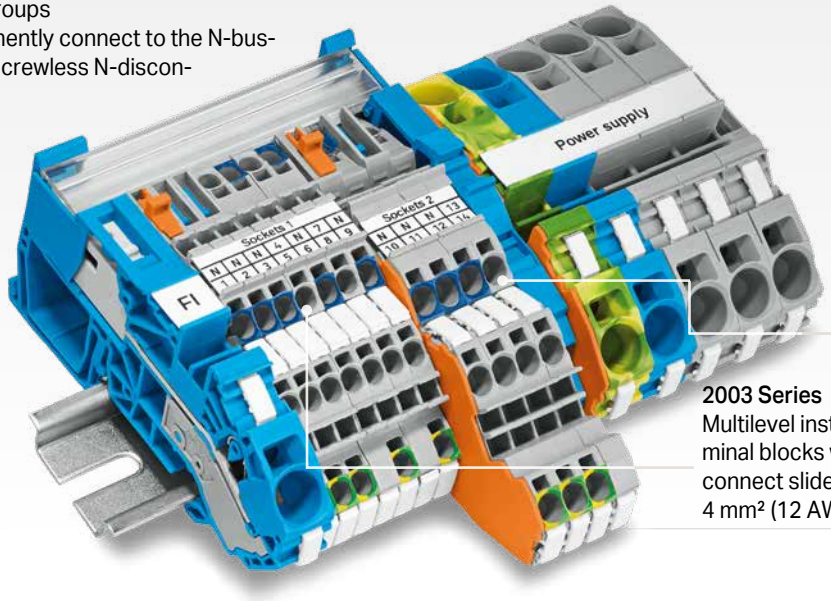
yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

MULTILEVEL INSTALLATION TERMINAL BLOCKS

For Building Installations and Industrial Applications

Multilevel Installation Terminal Blocks with N-Disconnect Slide Links for Mounting with N-busbar

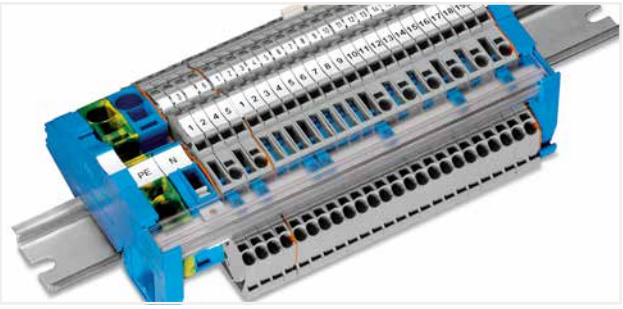
- Configure larger circuit groups
- Automatically and permanently connect to the N-busbar by simply sliding the screwless N-disconnect link



2005 Series
Multilevel installation terminal blocks with an N-disconnect slide link up to 6 mm² (10 AWG), 36 A

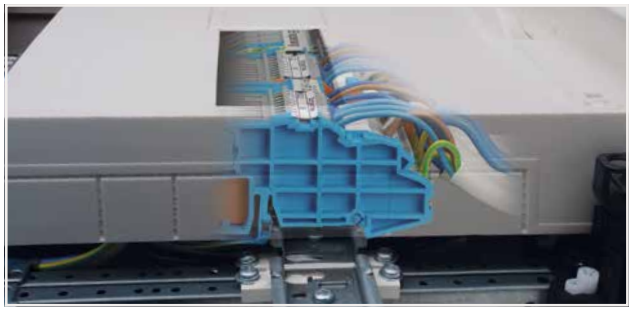
2003 Series
Multilevel installation terminal blocks with an N-disconnect slide link up to 4 mm² (12 AWG), 32 A

Maximum Touch-Proof Safety



- Transparent busbar cover provides touch protection for the busbar.
- Cover enables user to see if N-disconnect slide links are connected to the N-busbar.

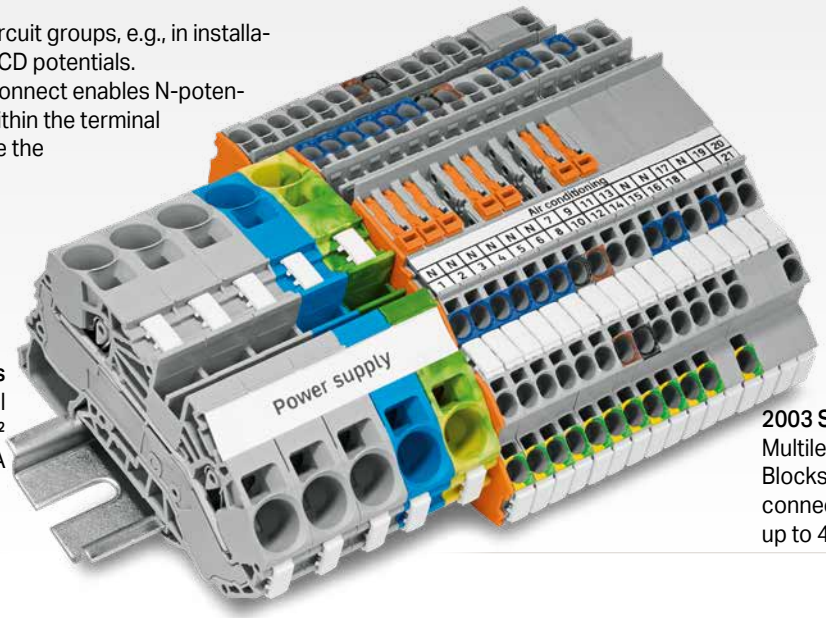
Maximum Wiring Space



- 2003 and 2005 Series Multilevel Installation Terminal Blocks feature extremely compact dimensions while providing all of the functionality of a 4 mm² or 6 mm² terminal block.
- Maximize wiring space in standard distribution cabinets.

Multilevel Installation Terminal Blocks with Internal N-Disconnection for Mounting without N-Busbar

- Configure smaller circuit groups, e.g., in installations with multiple RCD potentials.
- Internal N-knife disconnect enables N-potential disconnection within the terminal block by opening the the knife disconnect.



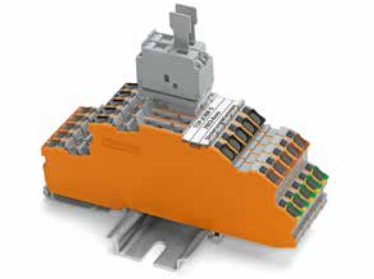
2016 Series
Supply Terminal Blocks up to 16 mm² (4 AWG), 76 A

2003 Series
Multilevel Installation Terminal Blocks with an Internal N-Disconnection
up to 4 mm² (12 AWG), 28 A

Insulation Resistance Measurement – Fast and Safe

- Disconnect N-potential via pivoting knife disconnect.
- Plug N/L test adapter into the free shaft to link N and L conductors.
- Measurement with connected live conductors halves testing times and protects the connected devices against high test voltage.

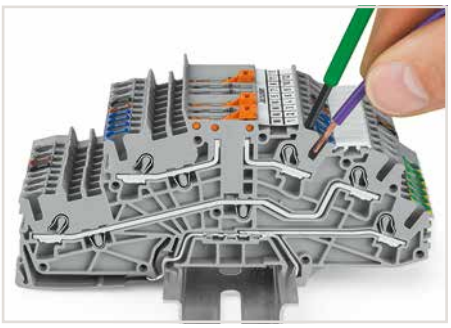
Multilevel Installation Terminal Blocks as Fuse Terminal Block



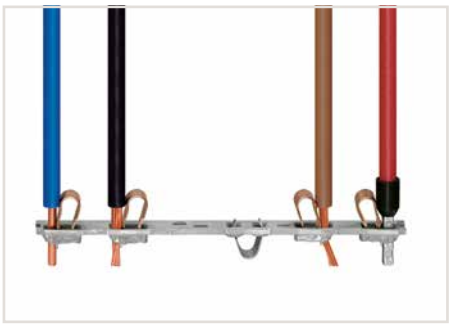
- Multilevel installation terminal blocks carry a centered slot, allowing them to be used as fuse terminal blocks in a standard distribution board's cutout.
- The fuse plugs for microfuses can be used in combination with an end and intermediate plate (1 mm/0.039 inch thick).

Installation Rail-Mount Terminal Blocks TOPJOB® S
Installation

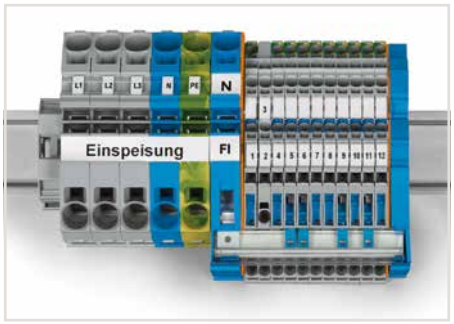
Inserting a conductor via push-in termination.
Solid conductors with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.



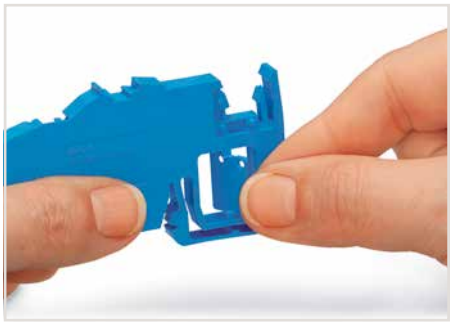
Inserting a conductor via operating tool.
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.



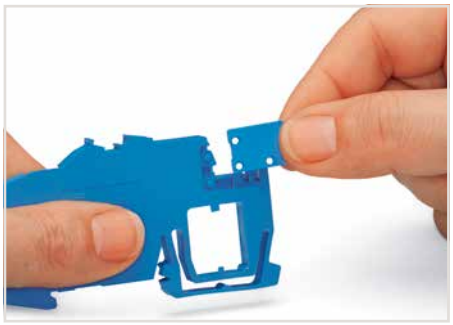
All conductor types at a glance



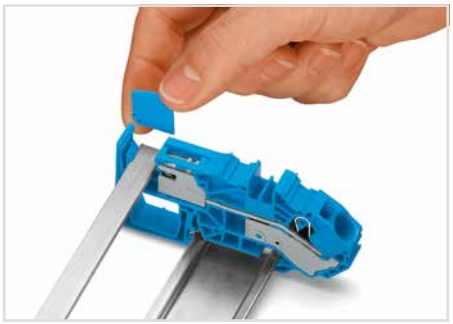
Mounting busbars on busbar carriers: Insert busbar ends onto large busbar carriers (2009-305) or onto supply terminal blocks with an integrated busbar carrier.



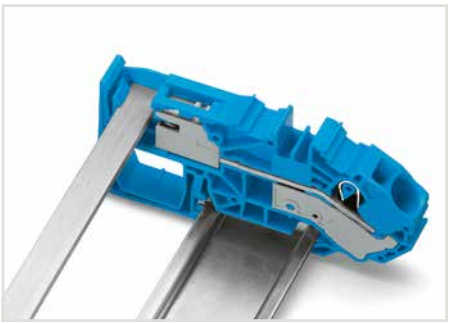
Removing the separator plate from the busbar carrier or from the N-disconnect terminal block.



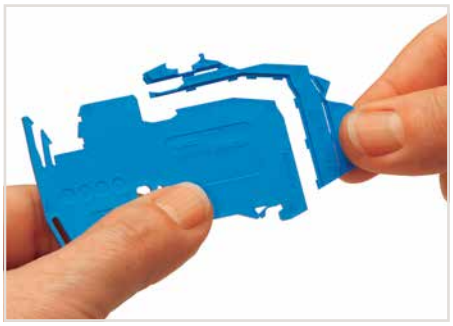
Inserting the separator plate into the busbar carrier to protect the N-busbar against accidental contact.



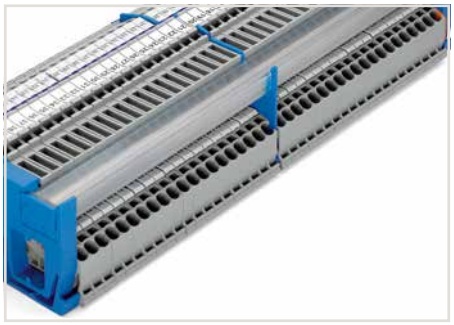
Inserting separator plate removed from N-disconnect terminal block.



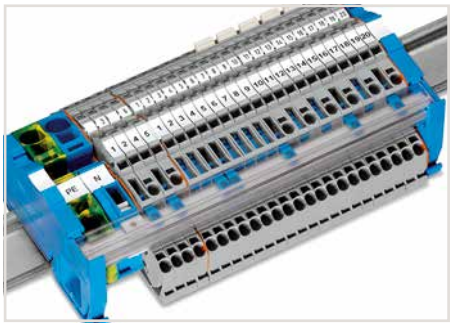
Touch-proof N-busbar via inserted separator plate



Perforations make it possible to fit the carrier to all Installation Rail-Mount Terminal Blocks TOPJOB® S using a single part.



The compact busbar carrier (1.5 mm thick), which is placed every 200 mm, provides additional busbar support for longer assemblies.



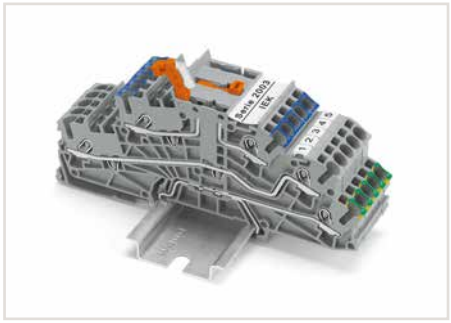
The busbar transparent cover (Item No. 777-303) protects the busbar against accidental contact and makes it easy to see which terminal blocks are connected to the busbar.

Tool-operated N-disconnect slide link

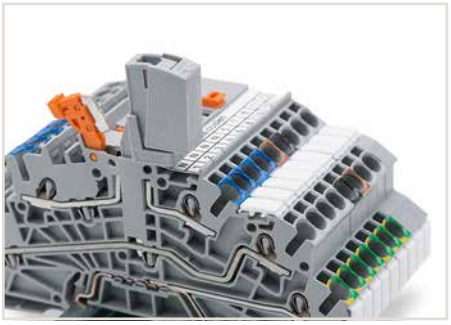
Push-in CAGE CLAMP® terminates the following copper conductors:
solid “s”

stranded “st”

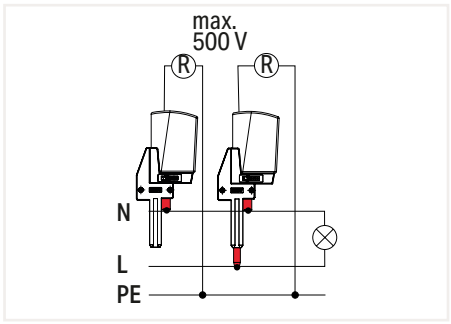
fine-stranded “f-st”, also with tinned single strands



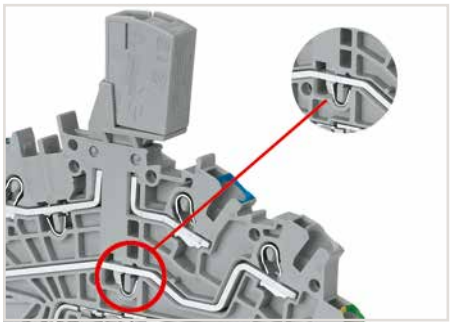
N-potential disconnection via N-knife disconnect within a terminal block assembly without a busbar.



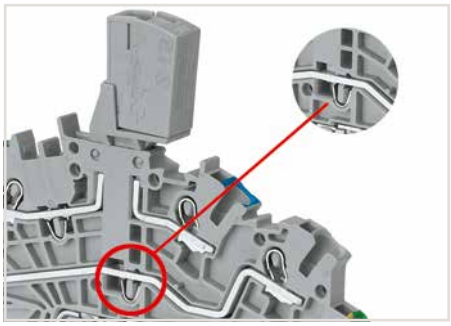
For multilevel installation terminal blocks with internal N-disconnection, test plug adapters can be inserted into the free vertical test slot when the N-potential is disconnected.



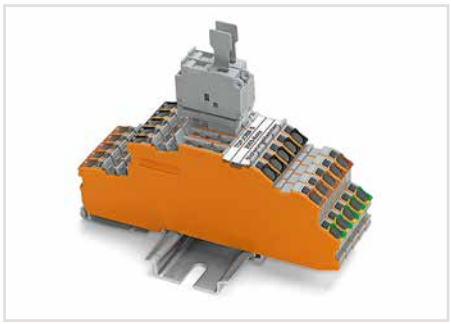
Test plug adapters for both individual N-potential measurement and insulation resistance measurement of the connected N- and L-potentials are available.



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

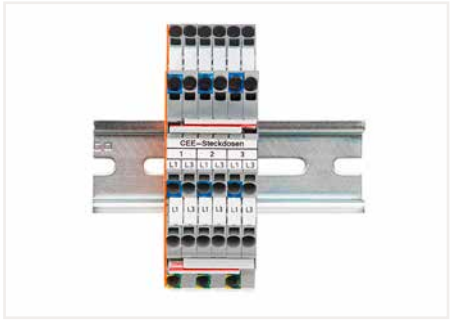


Multilevel installation terminal block fitted with an N-test plug adapter for insulation resistance measurement of the N-potential

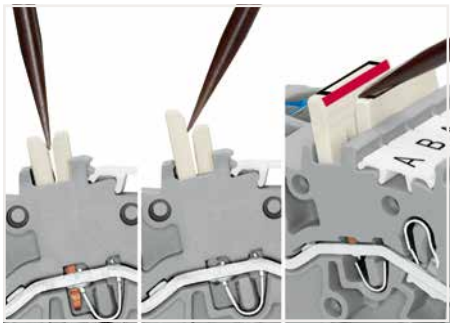


Single-fuse plugs can be used in combination with 1 mm thick end and intermediate plates on carrier terminal blocks without an N-knife disconnect.

Double-fuse plugs with 5 x 25 mm glass cartridge fuses can be used on carrier terminal blocks without an N-knife disconnect in standard terminal block width.



Commoning two potentials in one single jumper slot via extremely slim staggered jumpers.



Insert the operating tool between the staggered jumpers, then lift up the jumper.

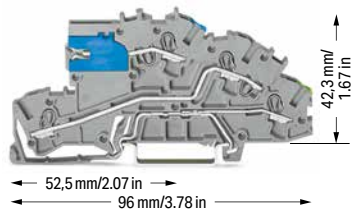
fine-stranded, tip-bonded

fine-stranded, with ferrule (gastight crimped)

fine-stranded, with pin terminal (gastight crimped)

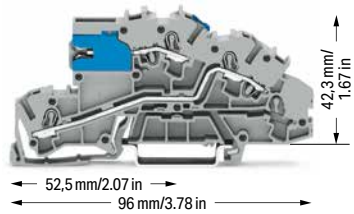
Multilevel Installation Terminal Block TOPJOB® S; with N-Disconnect Slide Link
2.5 (4) mm²; 2003 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/4 kV/3; 32 A (32 A) ❷	
400 V/6 kV/3; 32 A (32 A) ❷	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Multilevel installation terminal block; with N-disconnect slide link; gray

	Item No.	Pack. Unit
◯ NT/L/PE	2003-7641	50



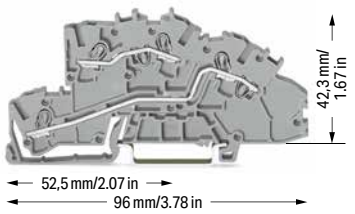
Multilevel installation terminal block; with N-disconnect slide link; gray

	Item No.	Pack. Unit
◯ NT/L	2003-7640	50
◯ LT/L	2003-7659	50

Multilevel installation terminal block; gray

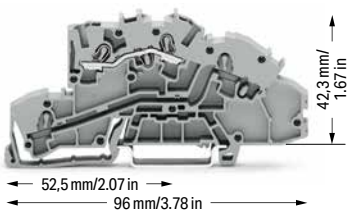
	Item No.	Pack. Unit
◯ N/L/PE	2003-7646	50
◯ L/L/PE	2003-7645	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	
I_N 32 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Multilevel installation terminal block; gray

	Item No.	Pack. Unit
◯ L/L	2003-7642	50
◯ N/L	2003-7649	50



Multilevel installation terminal block; gray

	Item No.	Pack. Unit
◯ L	2003-7650	50
◯ N	2003-7651	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 250 V / 400 V = rated voltage
4 kV / 6 kV = rated impulse voltage
3 = pollution degree
250 V/4 kV potential – ground
400 V/6 kV potential – potential

Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2003 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 0.8 mm thick

orange	2003-7692	100 (25)

Busbar carrier; not suitable as an end stop; snaps onto DIN-35 rail; 1.5 mm thick

blue	2009-304	100 (25)

Busbar carrier; with end stop function and detachable separator plate; snaps onto DIN-35 rail; 7.5 mm thick

blue	2009-305	25

Busbar cover; 1000 mm long

transparent	777-303	1

Busbar; tin-plated; 1000 mm long; copper (10 x 3) mm

I_N 140 A	210-133	1

N-supply terminal block; I_N 76 A; 16 mm²; 12 mm wide

blue	2016-7714	20

Ground supply terminal block; 16 mm²; 12 mm wide

green-yellow	2016-7607	20

Connector; for busbar; with blue cover; 2.5 … 16 mm²

blue	210-281	100 (50)

Connector; for busbar; 2.5 … 35 mm²

unplated	209-105	50

Accessories; 2003 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

Lock-out; prevents reclosing of slide link; snap-on type

orange	2003-7300	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

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

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

5-way	2002-415	25

Accessories; 2003 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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)

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

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)

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

yellow	210-137	50 (1)

Operating tool; 3.5 mm and 2.5 mm blade width; for Installation Terminal Blocks TOPJOB® S

	2009-309	50 (1)

Operating tool; 3.5 mm and 5.5 mm blade width; for Installation Terminal Blocks TOPJOB® S

	2009-310	50 (1)

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

white	2009-115	1

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

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

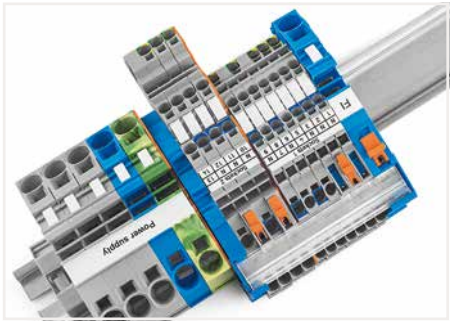
yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Screwless end stop; for DIN-35 rail; 6 mm wide

gray	249-116	100 (25)

Screwless end stop; for DIN-35 rail; 10 mm wide

gray	249-117	50 (25)



TOPJOB® S – Terminal Blocks for Every Application

- Push-in termination of solid conductors in small distribution boards saves time and money.
- Operating errors can be prevented as all Terminal Blocks for building installations are equipped with push-in connection technology.
- The use of standard accessories reduces order-processing and warehousing costs.
- The busbar position is the same, making Installation Terminal Blocks TOPJOB® S compatible with standard Installation Terminal Blocks TOPJOB®.

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

Application note:
N-disconnect slide links, used in installation terminal blocks, consist of switch contacts that are opened and then closed again as part of regular circuit testing. To guarantee a reliable connection, a corrosion-resistant contact area is required on the N-busbar.

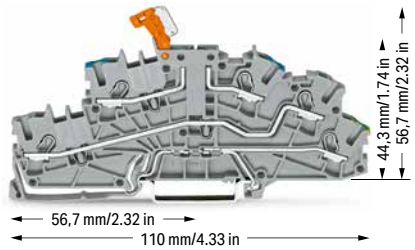
Historically, uninsulated copper busbars that have been cleaned/stripped of any possible corrosion prior to install can be used in dry, pollution-free locations.

According to DIN VDE 0100-520 (VDE 0100, Part 520), installation equipment exposed to contamination or corrosive substances (e.g., water) that promote corrosion or deterioration, must be protected or made of a corrosion- or wear-resistant material. In these cases, tinned copper busbars guarantee a reliable connection.

WAGO only offers tinned copper busbars.

Multilevel Installation Terminal Block TOPJOB® S; with Internal N-Disconnection
2.5 (4) mm²; 2003 Series

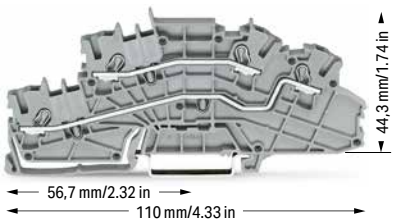
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/4 kV/3; 20 A (25 A) ❷	
400 V/6 kV/3; 20 A (25 A) ❷	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Multilevel installation terminal block; with pivoting knife disconnect; gray

	Item No.	Pack. Unit
◯ NT/L/PE	2003-6641	50
◯ LT/L/PE	2003-6644	50

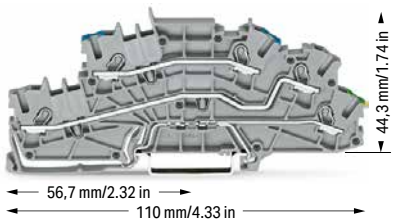
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	
I_N 24 A (28 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Multilevel installation terminal block; gray

	Item No.	Pack. Unit
◯ L/L	2003-6642	50
◯ N/L	2003-6649	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/4 kV/3; 24 A (28 A) ❷	
400 V/6 kV/3; 24 A (28 A) ❷	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Multilevel installation terminal block; gray

	Item No.	Pack. Unit
◯ N/L/PE	2003-6646	50
◯ L/L/PE	2003-6645	50

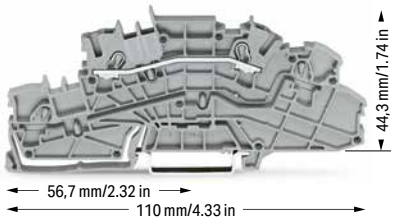
Accessories; item-specific

N/L-test plug adapter; for vertical test slot; gray

2-pole	2003-499	100 (25)

N-test plug adapter; for vertical test slot; gray

1-pole	2003-500	100 (25)



Multilevel installation terminal block; gray

	Item No.	Pack. Unit
◯ L	2003-6650	50
◯ N	2003-6651	50

Accessories; 2003 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

End and intermediate plate; 0.8 mm thick

orange	2003-6692	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

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)

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 / 400 V = rated voltage
4 kV / 6 kV = rated impulse voltage
3 = pollution degree
250 V/4 kV potential – ground
400 V/6 kV potential – potential

Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2003 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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, 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

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

5-way 2002-415 25

Test plug adapter; for 4 mm Ø test plug

gray 2009-174 100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

215-111 50

Testing tap; for max. 2.5 mm²

gray 2009-182 100 (25)

Accessories; 2003 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

white 2009-115 1

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

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Screwless end stop; for DIN-35 rail; 6 mm wide

gray 249-116 100 (25)

Screwless end stop; for DIN-35 rail; 10 mm wide

gray 249-117 50 (25)

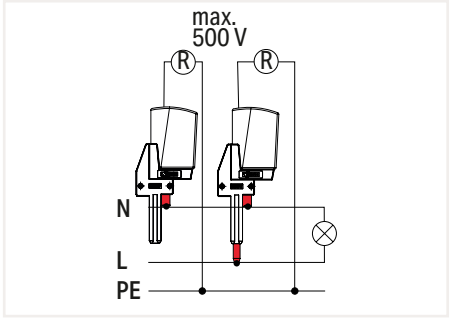
Operating tool; 3.5 mm and 2.5 mm blade width; for Installation Terminal Blocks TOPJOB® S

2009-309 50 (1)

Operating tool; 3.5 mm and 5.5 mm blade width; for Installation Terminal Blocks TOPJOB® S

2009-310 50 (1)

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

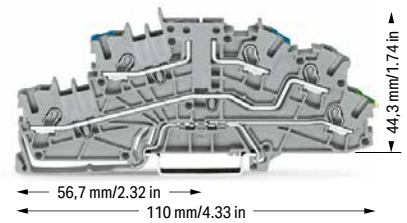


Test plug adapters for both individual N-potential measurement and insulation resistance measurement of the connected N- and L-potentials are available.

Multilevel Installation Terminal Block TOPJOB® S
2.5 (4) mm²; 2003 Series

Technical Data

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



Multilevel installation terminal block; carrier terminal block without knife disconnect; gray
Maximum current depends on accessories used.

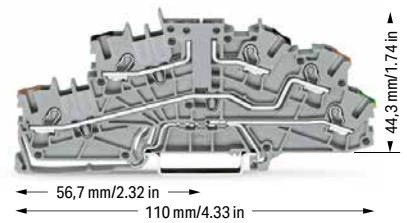
	Item No.	Pack. Unit
◯ N/L/PE	2003-6640	50

Multilevel installation terminal block; carrier terminal block without knife disconnect; blue middle-deck; green-yellow lower-deck printing; gray

	Item No.	Pack. Unit
◯ L/N/PE	2003-6661	50

Technical Data

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



Multilevel installation terminal block; carrier terminal block without knife disconnect; black upper-deck, brown middle-deck, green-yellow lower-deck printing
Maximum current depends on accessories used.

	Item No.	Pack. Unit
◯ P2/P1/PE	2003-6643	50

Multilevel installation terminal block; carrier terminal block without knife disconnect; brown upper-deck, black middle-deck, green-yellow lower-deck printing

	Item No.	Pack. Unit
◯ P1/P2/PE	2003-6660	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 250 V / 400 V = rated voltage
4 kV / 6 kV = rated impulse voltage
3 = pollution degree
250 V/4 kV potential – ground
400 V/6 kV potential – potential

Please observe the application notes:
Jumpers, from page 160
Testing accessories, page 159
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2003 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

N/L-test plug adapter; for vertical test slot; gray

2-pole	2003-499	100 (25)

N-test plug adapter; for vertical test slot; gray

1-pole	2003-500	100 (25)

End and intermediate plate; 0.8 mm thick

orange	2003-6692	100 (25)

Fuse plug with pull-tab; for 5 x 20 mm glass cartridge fuse
Electrical ratings are given by the fuse.

gray	2004-911	50

End and intermediate plate; only for use with fuse plugs; 1 mm thick

orange	2003-6693	100 (25)

Double-fuse plug; for 5 x 20 mm glass cartridge fuse
Electrical ratings are given by the fuse.

gray	2003-911	25

End and intermediate plate; 1 mm thick; only for use with double-fuse plugs

orange	2003-6694	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

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; 2003 Series

Appropriate marking systems: WMB/WMB Inline/Marking strips

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, 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

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

5-way	2002-415	25

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

Testing tap; for max. 2.5 mm²

gray	2009-182	100 (25)

Accessories; 2003 Series

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

white	2009-115	1

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

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Screwless end stop; for DIN-35 rail; 6 mm wide

gray	249-116	100 (25)

Screwless end stop; for DIN-35 rail; 10 mm wide

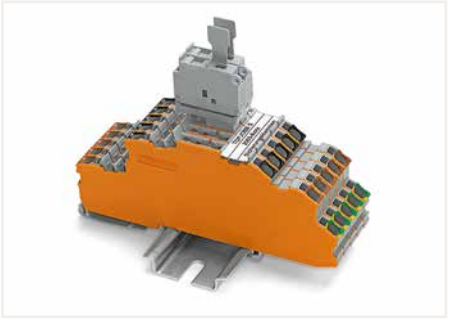
gray	249-117	50 (25)

Operating tool; 3.5 mm and 2.5 mm blade width; for Installation Terminal Blocks TOPJOB® S

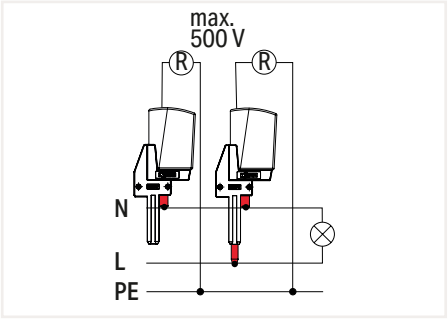
2009-309	50 (1)

Operating tool; 3.5 mm and 5.5 mm blade width; for Installation Terminal Blocks TOPJOB® S

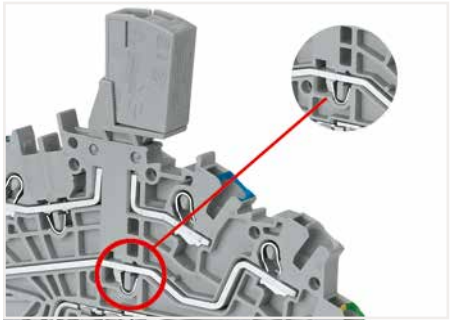
2009-310	50 (1)



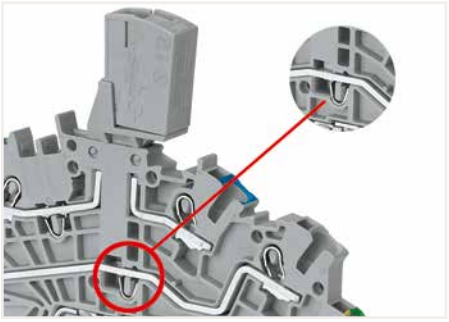
Single-fuse plugs can be used in combination with 1 mm thick end and intermediate plates on carrier terminal blocks without an N-knife disconnect.



Test plug adapters for both individual N-potential measurement and insulation resistance measurement of the connected N- and L-potentials are available.



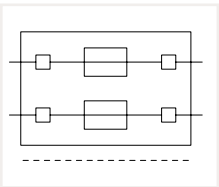
Multilevel installation terminal block fitted with an N/L-test plug adapter for quick and safe insulation resistance measurement of the connected N- and L-potentials



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

Double-Fuse Plug TOPJOB® S on Carrier Terminal Block 2.5 (4) mm²
2003 Series

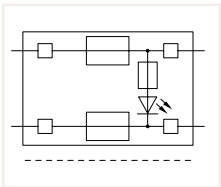
Technical Data
250 V / I_N 6.3 A
Plug width: 10.4 mm / 0.409 inch



Double-fuse plug; for 5 x 20 mm glass cartridge fuse
Electrical ratings are given by the fuse.

Color	Item No.	Pack. Unit
gray	2003-911	50

Technical Data
250 V / I_N 6.3 A
Plug width: 10.4 mm / 0.409 inch



Double-fuse plug; for 5 x 20 mm glass cartridge fuse; with LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 0.25 mA

	Item No.	Pack. Unit
230 V	2003-911/1000-923	50

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

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

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

End and intermediate plate; 1 mm thick

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

End plate for fuse terminal blocks; 2 mm thick

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

End and intermediate plate; 1 mm thick

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

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

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	2002-2941	50

End and intermediate plate; 1 mm thick

orange	2002-2992	100 (25)
gray	2002-2991	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)

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

Length for 2002-2961 – 108 mm / 4.25 inch Double-deck carrier terminal block

Length for 2003-6640 – 110 mm / 4.33 inch Multilevel Installation Terminal Block

Approvals and corresponding ratings, visit www.wago.com

Accessories; for fuse plugs

Appropriate marking systems: WMB/Marking strips

Multilevel installation terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

N/L/PE	2003-6640	50

Multilevel installation terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

L/N/PE	2003-6661	50

Multilevel installation terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

P2/P1/PE	2003-6643	50

Multilevel installation terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

P1/P2/PE	2003-6660	50

End and intermediate plate; 0.8 mm thick

orange	2003-6692	100 (25)

End and intermediate plate; 1 mm thick; only for use with double-fuse plugs

orange	2003-6694	100 (25)

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

plain	793-5501	5

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Double-fuse plugs with 5 x 25 mm glass cartridge fuses can be used on carrier terminal blocks without an N-knife disconnect in standard terminal block width.

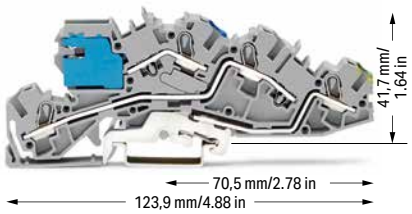
Glass cartridge fuses 5 x 20

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

Multilevel Installation Terminal Block TOPJOB® S; with N-Disconnect Slide Link
4 (6) mm²; 2005 Series

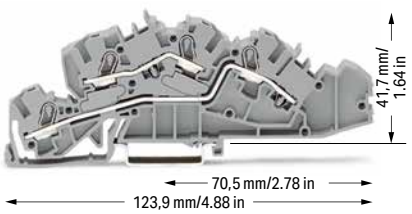
Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
250 V/4 kV/3; 36 A (36 A) ❷	
400 V/6 kV/3; 36 A (36 A) ❷	
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	



Multilevel installation terminal block; with N-disconnect slide link; gray

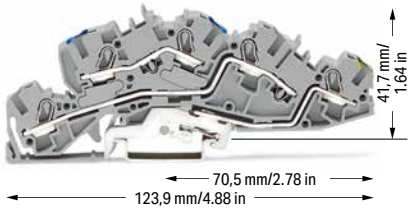
	Item No.	Pack. Unit
◯ NT/L/PE	2005-7641	50

Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
400 V/6 kV/3 ❷	
I_N 36 A	
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	



Multilevel installation terminal block; gray

	Item No.	Pack. Unit
◯ L/L	2005-7642	50
◯ N/L	2005-7649	50



Multilevel installation terminal block; gray

	Item No.	Pack. Unit
◯ N/L/PE	2005-7646	50

Multilevel installation terminal block; gray

	Item No.	Pack. Unit
◯ L/L/PE	2005-7645	50

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 250 V/400 V = rated voltage
4 kV/6 kV = rated impulse voltage
3 = pollution degree
250 V/4 kV potential – ground
400 V/6 kV potential – potential

Please observe the application notes:
Testing accessories, page 159
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

Accessories; 2005 Series

Appropriate marking systems: WMB/Marking strips

End and intermediate plate; 1 mm thick

orange	2005-7692	100 (25)

Busbar carrier; not suitable as an end stop; snaps onto DIN-35 rail; 1.5 mm thick

blue	2009-304	100 (25)

Busbar carrier; with end stop function and detachable separator plate; snaps onto DIN-35 rail; 7.5 mm thick

blue	2009-305	25

Busbar cover; 1000 mm long

transparent	777-303	1

Busbar; tin-plated; 1000 mm long; copper (10 x 3) mm

I_N 140 A	210-133	1

Lock-out; prevents reclosing of slide link; snap-on type

orange	2005-7300	100 (25)

N-supply terminal block; I_N 76 A; 16 mm²; 12 mm wide

blue	2016-7714	20

Ground supply terminal block; 16 mm²; 12 mm wide

green-yellow	2016-7607	20

Connector; for busbar; with blue cover; 2.5 … 16 mm²

blue	210-281	100 (50)

Connector; for busbar; 2.5 … 35 mm²

unplated	209-105	50

Accessories; 2005 Series

Appropriate marking systems: WMB/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

Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow; max. 42 V

	215-111	50

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)

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

	210-137	50 (1)

Accessories; 2005 Series

Appropriate marking systems:
WMB/Marking strips

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

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

yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

Screwless end stop; for DIN-35 rail; 6 mm wide

gray	249-116	100 (25)

Screwless end stop; for DIN-35 rail; 10 mm wide

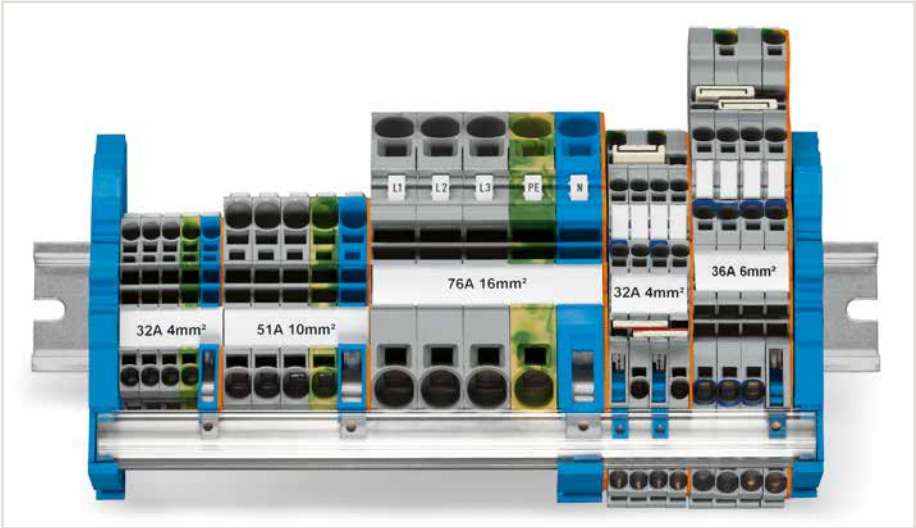
gray	249-117	50 (25)

Operating tool; 3.5 mm and 2.5 mm blade width; for Installation Terminal Blocks TOPJOB® S

2009-309	50 (1)

Operating tool; 3.5 mm and 5.5 mm blade width; for Installation Terminal Blocks TOPJOB® S

2009-310	50 (1)



Application note:
N-disconnect slide links, used in installation terminal blocks, consist of switch contacts that are opened and then closed again as part of regular circuit testing. To guarantee a reliable connection, a corrosion-resistant contact area is required on the N-busbar.

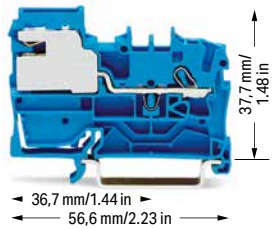
Historically, uninsulated copper busbars that have been cleaned/stripped of any possible corrosion prior to install can be used in dry, pollution-free locations.

According to DIN VDE 0100-520 (VDE 0100, Part 520), installation equipment exposed to contamination or corrosive substances (e.g., water) that promote corrosion or deterioration, must be protected or made of a corrosion- or wear-resistant material. In these cases, tinned copper busbars guarantee a reliable connection.

WAGO only offers tinned copper busbars.

N-Disconnect Terminal Block, Power Distribution Disconnect Terminal Block TOPJOB® S
2002 Series; 2006 Series; 2010 Series; 2016 Series

Technical Data		
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG	
250 V/4 kV/3 ❺		
I_N 32 A		
Terminal block width: 5.2 mm / 0.205 inch		
10 … 12 mm / 0.39 … 0.47 inch		



1-conductor N-disconnect terminal block		
Color	Item No.	Pack. Unit
blue	2002-7114	50

1-conductor power distribution disconnect terminal block		
gray	2002-7111	50

Appropriate through and ground conductor terminal blocks, see page 38

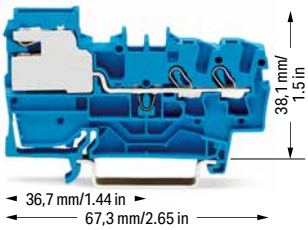
Accessories; item-specific

End and intermediate plate; 0.8 mm thick

orange 2002-7192 100 (25)

Lock-out; prevents reclosing of slide link; snap-on type

orange 2005-7300 100 (25)



2-conductor N-disconnect terminal block		
Color	Item No.	Pack. Unit
blue	2002-7214	50

2-conductor power distribution disconnect terminal block		
gray	2002-7211	50

Accessories; item-specific

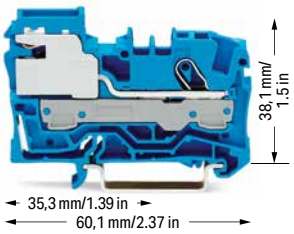
End and intermediate plate; 0.8 mm thick

orange 2002-7292 100 (25)

Lock-out; prevents reclosing of slide link; snap-on type

orange 2005-7300 100 (25)

Technical Data		
0.5 … 6 (10) mm² ❷	20 … 8 AWG	
250 V/4 kV/3 ❺		
I_N 51 A		
Terminal block width: 7.5 mm / 0.295 inch		
13 … 15 mm / 0.51 … 0.59 inch		



1-conductor N-disconnect terminal block		
Color	Item No.	Pack. Unit
blue	2006-7114	50

1-conductor power distribution disconnect terminal block		
gray	2006-7111	50

Appropriate through and ground conductor terminal blocks, see page 44

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange 2006-7192 100 (25)

Lock-out; prevents reclosing of slide link; snap-on type

orange 2006-7300 100 (25)

Accessories; for N-conductor and power distribution disconnect terminal blocks

Appropriate marking systems: WMB/Marking strips

Busbar carrier; not suitable as an end stop; snaps onto DIN-35 rail; 1.5 mm thick

blue 2009-304 100 (25)

Busbar carrier; with end stop function and detachable separator plate; snaps onto DIN-35 rail; 7.5 mm thick

blue 2009-305 25

Busbar; tin-plated; 1000 mm long; copper (10 x 3) mm

I_N 140 A 210-133 1

Busbar cover; 1000 mm long

transparent 777-303 1

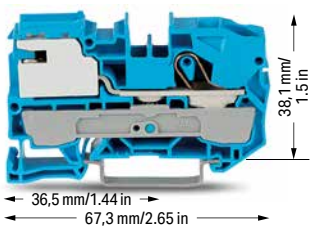
Connector; for busbar; 2.5 … 35 mm²

unplated 209-105 1

Connector; for busbar; with blue cover; 2.5 … 16 mm²

blue 210-281 100 (50)

Technical Data		
0.5 … 10 (16) mm² ❸	20 … 6 AWG	
250 V/4 kV/3 ❺		
I_N 57 A		
Terminal block width: 10 mm / 0.394 inch		
17 … 19 mm / 0.67 … 0.75 inch		



1-conductor N-disconnect terminal block		
Color	Item No.	Pack. Unit
blue	2010-7114	25

1-conductor power distribution disconnect terminal block		
gray	2010-7111	25

Appropriate through and ground conductor terminal blocks, see page 45

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange 2010-7192 100 (25)

Lock-out; prevents reclosing of slide link; snap-on type

orange 2006-7300 100 (25)

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

red 210-136 50 (1)

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

210-137 50 (1)

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

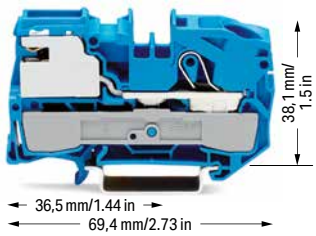
white 2009-110 1

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

plain 793-5501 5

Technical Data

0.5 … 16 (25 “f-st”) mm² ❸ | 20 … 4 AWG
250 V/4 kV/3 ❺
I_N 65 A
Terminal block width: 12 mm / 0.472 inch
18 … 20 mm / 0.71 … 0.79 inch



1-conductor N-disconnect terminal block

Color	Item No.	Pack. Unit
blue	2016-7114	25

1-conductor power distribution disconnect terminal block

Color	Item No.	Pack. Unit
gray	2016-7111	25

Appropriate through and ground conductor terminal blocks, see page 46

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange | 2016-7192 | 100 (25)

Lock-out; prevents reclosing of slide link; snap-on type

orange | 2006-7300 | 100 (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.

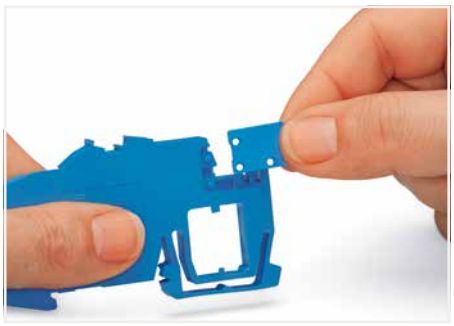
❷ Conductor range: 0.5 … 10 mm² “s+f-st”; Push-in termination: 2.5 … 10 mm² “s” and 2.5 … 6 mm² “insulated ferrules; 12 mm” Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❸ Conductor range: 0.5 … 16 mm² “s+f-st”; Push-in termination: 4 … 16 mm² “s” and 4 … 10 mm² “insulated ferrules; 18 mm” Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

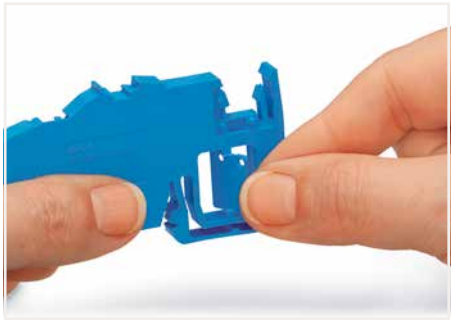
❹ Conductor range: 0.5 … 16 mm² “s+f-st”, 25 mm² “f-st”; Push-in termination: 6 … 16 mm² “s” and 6 … 16 mm² “insulated ferrules; 18 mm” Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

❺ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree

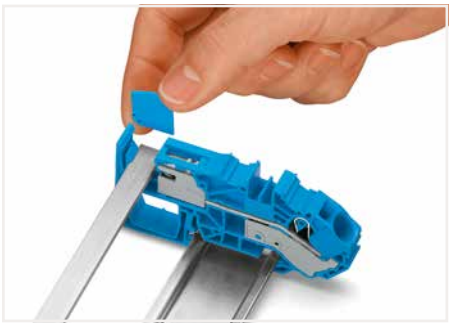
Approvals and corresponding ratings, visit www.wago.com



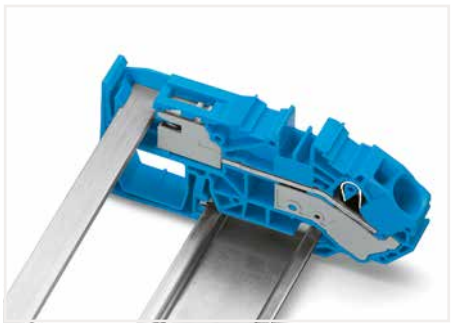
Inserting the separator plate into the busbar carrier to protect the N-busbar against accidental contact.



Removing the separator plate from the busbar carrier or from the N-disconnect terminal block.



Inserting separator plate removed from N-disconnect terminal block.



Touch-proof N-busbar via inserted separator plate

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

Power distribution disconnect terminal blocks:
According to DIN VDE 0100-710, “Requirements for operating facilities, rooms and special installations – medical facilities,” equipotential bonding conductors shall be run on a potential equalization busbar. The potential equalization busbar and the protective ground conductor busbar must be mounted in a common housing and be connected to each other using a disconnectable copper conductor of minimum 16 mm² (6 AWG). Furthermore, all equipotential bonding conductors must be connected to the potential equalization busbar and clearly arranged so they can be disconnected individually and accessed at any time. Depending on their function, they must be provided with captive marking.
WAGO’s power distribution disconnect terminal blocks meet these requirements.

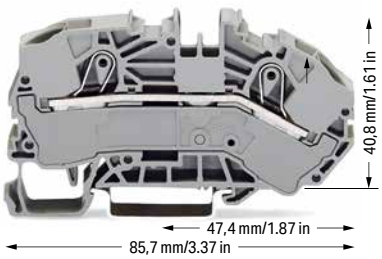
PUSH-IN CAGE CLAMP®

Supply Terminal Block for Distribution Boxes, Ground Conductor Terminal Block, N-Disconnect Terminal Block, Power Distribution Disconnect Terminal Block TOPJOB® S

16 (25 “f-st”) mm²; 2016 Series

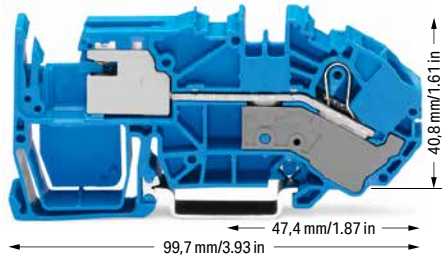
Technical Data

0.5 … 16 (25 “f-st”) mm² ❶ | 20 … 4 AWG
800 V/8 kV/3 ❷
I_N 76 A
Terminal block width: 12 mm / 0.472 inch
18 … 20 mm / 0.71 … 0.79 inch



Technical Data

0.5 … 16 (25 “f-st”) mm² ❶ | 20 … 4 AWG
250 V/4 kV/3 ❸
I_N 76 A
Terminal block width: 12 mm / 0.472 inch
18 … 20 mm / 0.71 … 0.79 inch



❶ Conductor range: 0.5 … 16 mm² “s+f-st”, 25 mm² “f-st”; Push-in termination: 6 … 16 mm² “s” and 6 … 16 mm² “insulated ferrules; 18 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

❸ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree

Approvals and corresponding ratings, visit www.wago.com

2-conductor supply terminal block for distribution boxes

Color	Item No.	Pack. Unit
gray	2016-7601	20
blue	2016-7604	20

1-conductor N-disconnect terminal block

Color	Item No.	Pack. Unit
blue	2016-7714	20

2-conductor ground terminal block
15 mm high DIN-35 rails shall be used for a current load higher than 76 A!

green-yellow	2016-7607	20

1-conductor power distribution disconnect terminal block

gray	2016-7711	20

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

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2016-7692	100 (25)
gray	2016-7691	100 (25)

Accessories; item-specific

End and intermediate plate; 1 mm thick

orange	2016-7792	100 (25)

Lock-out; prevents reclosing of slide link; snap-on type

orange	2006-7300	100 (25)

Accessories; 2016 Series

Appropriate marking systems: WMB/Marking strips

Push-in type jumper bar; insulated; I_N 76 A; light gray

2-way	2016-402	25
3-way	2016-403	25
4-way	2016-404	25
5-way	2016-405	25

Push-in type jumper bar; insulated; I_N 76 A; light gray

1 to 3	2016-433	25
1 to 4	2016-434	25
1 to 5	2016-435	25

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

yellow	2016-115	100 (25)

Finger guard; touch-proof cover protects unused conductor entries

yellow	2016-100	100 (25)

Busbar; tin-plated; 1000 mm long; copper (10 x 3) mm

I_N 140 A	210-133	1

Busbar cover; 1000 mm long

transparent	777-303	1

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)

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V

yellow	210-137	50 (1)

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

white	2009-110	1

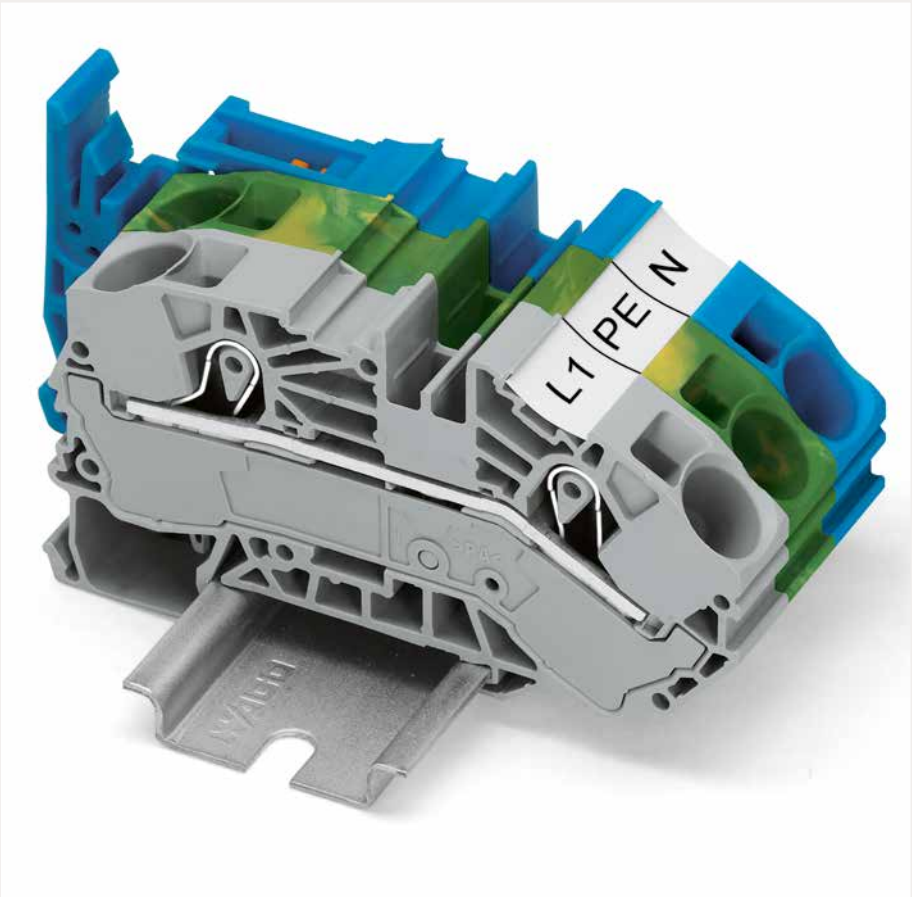
WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain	793-5501	5

Power distribution disconnect terminal blocks:
According to DIN VDE 0100-710, “Requirements for operating facilities, rooms and special installations – medical facilities,” equipotential bonding conductors shall be run on a potential equalization busbar. The potential equalization busbar and the protective ground conductor busbar must be mounted in a common housing and be connected to each other using a disconnectable copper conductor of minimum 16 mm² (6 AWG). Furthermore, all equipotential bonding conductors must be connected to the potential equalization busbar and clearly arranged so they can be disconnected individually and accessed at any time. Depending on their function, they must be provided with captive marking.
WAGO’s power distribution disconnect terminal blocks meet these requirements.

PUSH-IN CAGE CLAMP®

Supply Terminal Blocks Assembly TOPJOB® S



With an angled conductor entry, the 2016 Series Supply Terminal Blocks simplify the wiring of solid conductors in distribution boxes. Solid conductors of the largest cross-section can be connected easily, enabling the distribution box cover to fit without interfering with the conductors.

Electrical Interconnection Set and Rail-Mount Terminal Block Set
821 Series

Electrical interconnection set; L-BOXX® 102; 221 Series & TOPJOB® S with Lever		
	Item No.	Pack. Unit
	821-153	1

Rail-mount terminal block set; L-BOXX® 102; 20xx, 21xx, 22xx Series		
	Item No.	Pack. Unit
	821-154	1

Contents

Qty.	Item No.	Description
		COMPACT Splicing Connectors
100	221-412	COMPACT splicing connector; 2 wires; 0.14 … 4 mm²; with levers; transparent
50	221-413	COMPACT splicing connector; 3 wires; 0.14 … 4 mm²; with levers; transparent
25	221-415	COMPACT splicing connector; 5 wires; 0.14 … 4 mm²; with levers; transparent
50	221-612	COMPACT splicing connector; 2 wires; 0.5 … 6 mm²; with levers; transparent
30	221-613	COMPACT splicing connector; 3 wires; 0.5 … 6 mm²; with levers; transparent
15	221-615	COMPACT splicing connector; 5 wires; 0.5 … 6 mm²; with levers; transparent
		TOPJOB® S Rail-Mount Terminal Blocks
60	2102-1201	2-conductor through terminal block; with lever and Push-in CAGE CLAMP®; 0.25 … 2.5 (4) mm²; gray
12	2106-1201	2-conductor through terminal block; with lever and Push-in CAGE CLAMP®; 0.5 … 6 (10) mm²; gray
		Accessories
1	210-110	Felt-tip pen; smudge-proof
5	221-500	Mounting carrier; 221 Series – 4 mm²; for DIN-35 rail/screw mounting; orange
3	221-510	Mounting carrier; 221 Series – 6 mm²; for DIN-35 rail/screw mounting; orange
10	249-116	Screwless end stop; for DIN-35 rail; 6 mm wide; gray
2	793-5501	WMB marker card; plain
2	793-5566	WMB marker card; marking 1 … 50
25	2002-400	Adjacent jumper for continuous commoning; insulated; 2-way; Nominal current: 25 A; light gray
25	2006-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 41 A; light gray
1	2009-310	Operating tool; 3.5 x 0.5 mm and 5.5 x 0.8 mm blades
15	2102-1292	End and intermediate plate; for 2-conductor terminal blocks; orange
5	2106-1292	End and intermediate plate; for 2-conductor terminal blocks; orange

Contents

Qty.	Item No.	Description
		TOPJOB® S Rail-Mount Terminal Blocks
10	2002-1301	3-conductor through terminal block; with Push-in CAGE CLAMP®; 0.25 … 2.5 (4) mm²; gray
8	2004-1201	2-conductor through terminal block; with Push-in CAGE CLAMP®; 0.5 … 4 (6) mm²; gray
20	2102-1201	2-conductor through terminal block; with lever and Push-in CAGE CLAMP®; 0.25 … 2.5 (4) mm²; gray
6	2102-5301	3-conductor through terminal block; with lever and push-button; 0.25 … 2.5 (4) mm²; gray
2	2102-5304	3-conductor through terminal block; with lever and push-button; 0.25 … 2.5 (4) mm²; blue
2	2102-5307	3-conductor ground terminal block; with lever and push-button; 0.25 … 2.5 (4) mm²; green-yellow
6	2106-5301	3-conductor through terminal block; with lever and push-button; 0.5 … 6 (10) mm²; gray
2	2106-5304	3-conductor through terminal block; with lever and push-button; 0.5 … 6 (10) mm²; blue
2	2106-5307	3-conductor ground terminal block; with lever and push-button; 0.5 … 6 (10) mm²; green-yellow
6	2116-5301	3-conductor through terminal block; with lever and push-button; 0.5 … 16 (25) mm²; gray
2	2116-5304	3-conductor through terminal block; with lever and push-button; 0.5 … 16 (25) mm²; blue
2	2116-5307	3-conductor ground terminal block; with lever and push-button; 0.5 … 16 (25) mm²; green-yellow
25	2200-1401	4-conductor through terminal block; with push-button; 0.14 … 1 (1.5) mm²; gray
10	2202-1301	3-conductor through terminal block; with push-button; 0.25 … 2.5 (4) mm²; gray
8	2204-1201	2-conductor through terminal block; with push-button; 0.5 … 4 (6) mm²; gray
6	2210-1201	2-conductor through terminal block; with push-button; 0.5 … 10 (16) mm²; gray
2	2210-1204	2-conductor through terminal block; with push-button; 0.5 … 10 (16) mm²; blue
2	2210-1207	2-conductor ground terminal block; with push-button; 0.5 … 10 (16) mm²; green-yellow

Contents 821-154 (continued)

Qty.	Item No.	Description
		Accessories
10	249-116	Screwless end stop; for DIN-35 rail; 6 mm wide; gray
25	2000-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 14 A; light gray
10	2000-1491	End and intermediate plate; for 4-conductor terminal blocks; gray
25	2002-400	Adjacent jumper for continuous commoning; insulated; 2-way; Nominal current: 25 A; light gray
25	2002-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 25 A; light gray
10	2002-1391	End and intermediate plate; for 3-conductor terminal blocks; gray
10	2004-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 32 A; light gray
10	2004-1291	End and intermediate plate; for 2-conductor terminal blocks; gray
10	2006-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 41 A; light gray
5	2010-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 57 A; light gray
5	2010-1291	End and intermediate plate; for 2-conductor terminal blocks; gray
10	2016-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 76 A; light gray
10	2102-1291	End and intermediate plate; for 2-conductor terminal blocks; gray
5	2102-1391	End and intermediate plate; for 3-conductor terminal blocks; gray
5	2106-1391	End and intermediate plate; for 3-conductor terminal blocks; gray
5	2116-1391	End and intermediate plate; for 3-conductor terminal blocks; gray

Rail-mount terminal block set; L-BOXX® 102; 2002, 2006, 2016 Series		
	Item No.	Pack. Unit
	821-155	1

Contents

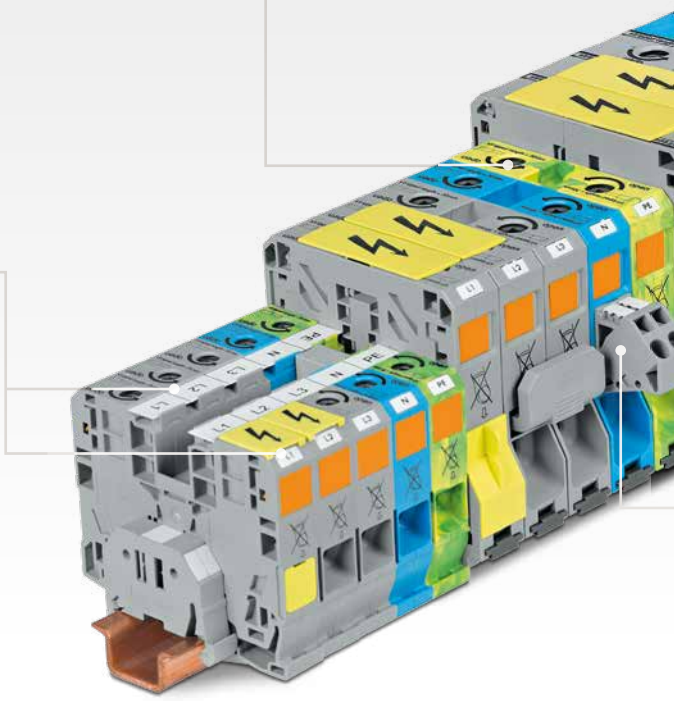
Qty.	Item No.	Description
		TOPJOB® S Rail-Mount Terminal Blocks
75	2002-1201	2-conductor through terminal block; 0.25 … 2.5 (4) mm²; gray
25	2002-1204	2-conductor through terminal block; 0.25 … 2.5 (4) mm²; blue
25	2002-1207	2-conductor ground terminal block; 0.25 … 2.5 (4) mm²; green-yellow
9	2006-1201	2-conductor through terminal block; 0.5 … 6 (10) mm²; gray
3	2006-1204	2-conductor through terminal block; 0.5 … 6 (10) mm²; blue
3	2006-1207	2-conductor ground terminal block; 0.5 … 6 (10) mm²; green-yellow
12	2016-1201	2-conductor through terminal block; 0.5 … 16 (25) mm²; gray
6	2016-1204	2-conductor through terminal block; 0.5 … 16 (25) mm²; blue
6	2016-1207	2-conductor ground terminal block; 0.5 … 16 (25) mm²; green-yellow
		Accessories
1	210-110	Felt-tip pen; smudge-proof
1	210-722	Operating tool set; with a partially insulated shaft
5	249-119	Height-adjustable group marker carrier
10	249-117	Screwless end stop; for DIN-35 rail; 10 mm wide; gray
2	793-5501	WMB marker card; plain
2	793-5566	WMB marker card; marking 1 … 50
1	793-5472	WMB marker card; Marking L1, L2, L3, N, PE
25	2002-400	Adjacent jumper for continuous commoning; insulated; 2-way; Nominal current: 25 A; light gray
25	2002-1292	End and intermediate plate; for 2-conductor terminal blocks; orange
25	2006-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 41 A; light gray
10	2006-1292	End and intermediate plate; for 2-conductor terminal blocks; orange
1	2009-110	Marking strip; white; 1 m long
5	2009-182	Testing tap; for max. 2.5 mm²
1	2009-310	Operating tool; 3.5 x 0.5 mm and 5.5 x 0.8 mm blades
25	2016-402	Push-in type jumper bar; insulated; 2-way; Nominal current: 76 A; light gray
10	2016-1292	End and intermediate plate; for 2-conductor terminal blocks; orange

HIGH-CURRENT RAIL-MOUNT TERMINAL BLOCKS

POWER CAGE CLAMP up to 185 mm² (350 kcmil)

Installation

- Firmly snap a ground conductor terminal block onto DIN-rail.
- The contact foot is secured, providing the appropriate power grounding connection.
- Use a 2.3 mm copper carrier rail.



Marking

- WMB markers are suitable for all high-current rail-mount terminal blocks.
- Apply marking strips directly to both 35 mm² (2 AWG) and 185 mm² (350 kcmil) terminal blocks.
- Use marking strip carriers for 35 to 95 mm² (2–4/0 AWG) terminal blocks.

Conductor Termination

Rotate the T-wrench or screwdriver counter-clockwise to the stop ①. Next, push in the orange locking tab. The clamp is locked open for hands-free wiring.

Insert a stripped conductor into the clamping unit until it hits backstop. Hold in this position.

A short counter-clockwise rotation ② releases the tab. When unlocked, the T-wrench rotates clockwise, securely clamping the conductor.

1. Bend conductor
2. Cut conductor to length (Conductor end must be straight!)
3. Strip conductor (Observe strip length printed on terminal block!)

Safety

- Warning covers
  visually indicate high-voltage applications, e.g., “CAUTION: Power is still on even after switching off the main switch!”
- Yellow finger guards (detachable)
  provide touch-proof safety by shielding jumper contact slots and/or unused conductor entries.
- Risk of injury!
  Keep fingers out of the conductor entry hole!

Voltage Tap

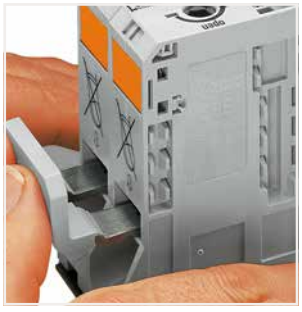
- Provides safe and easy power distribution to additional loads.
- Insert the unwired tap before actuating the spring for termination.
- For 35 mm² (2 AWG) blocks, insert the power tap into the jumper slot in the middle of the terminal block.

Commoning

for 35 mm² (2 AWG)

Commoning adjacent terminal blocks using a centrally positioned push-in jumper. Use an operating tool to remove the conductor.

for 50, 95 and 185 mm² (2/0, 4/0 AWG and 350 kcmil)



Commoning with an adjacent jumper: insert the jumper above the conductor entry hole prior to conductor termination.
The nominal cross-section remains unchanged.

Commoning

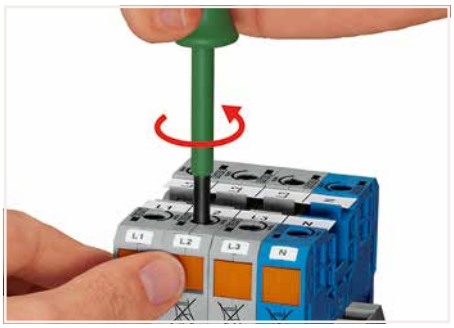
via Step-Down Jumpers with TOPJOB® S

Commoning 35 mm² (2 AWG) high-current terminal blocks with 10/16 mm² (8/6 AWG) Terminal Blocks TOPJOB® S using step-down jumpers.

Testing

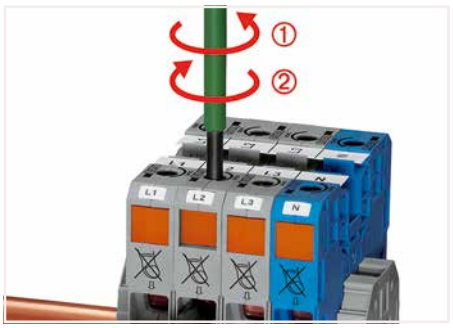
Easy troubleshooting via 4 mm Ø touch-proof test plug.
A test plug adapter (283-404) is used for the 35 mm² (2 AWG) terminal block (Test plugs are not available from WAGO, but are offered by industry suppliers such as Multi-Contact Deutschland GmbH).

High-Current Rail-Mount Terminal Blocks; 35 mm²
285 Series
Description and Installation



Conductor termination – step 1:
Rotate the operating tool (5.5 mm blade width) counter-clockwise. Next, push in the orange locking tab. The clamp is locked open for hands-free wiring.

Conductor termination – step 2:
Insert a stripped conductor into the clamping unit until it hits backstop. Hold in this position.



Conductor termination – step 3:
A short counter-clockwise rotation closes the clamp, securing the conductor ①.
When unlocked, allow operating tool to rotate clockwise ② to securely terminate the conductor.

The power tap is inserted into the jumper contact slot. It can be fitted with a strain relief plate.

Testing

Testing with test plug adapter (283-404).

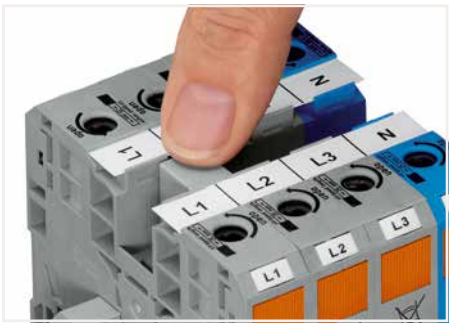
High-current rail-mount terminal blocks, 35 mm² (2 AWG) and 50 mm² (2/0 AWG)

POWER CAGE CLAMP terminates the following copper conductors:
solid "s"

stranded "st"

fine-stranded, also with tinned single strands

POWER CAGE CLAMP®



Commoning adjacent terminal blocks using a centrally positioned push-in jumper.

Slide the marking strip laterally to remove the jumper.

Commoning 35 mm² (2 AWG) POWER CAGE CLAMP Terminal Blocks with 10/16 mm² (8/6 AWG) 2010 and 2016 Series Terminal Blocks TOPJOP® S using step-down jumpers (not valid for 2016-76xx and 2016-77xx).

Step-down jumpers common terminal blocks of different sizes, without losing a conductor clamping point. This can be beneficial on long conductor runs where voltage drop can be a problem. A large conductor can be easily connected to smaller conductors at the distribution point.

Step-down jumpers are simply pushed down for full insertion, similar to adjacent jumpers. Commoning may be made in either direction using the special thin end plate to cover the open side. Additional through terminal blocks having a smaller cross-section may be commoned using adjacent jumpers.

In this case, pay attention that:
The total current of the outgoing circuits does not exceed the nominal current of the step-down jumper.

Side-entry wiring means that even larger conductors, which have limited flexibility, can be easily connected.

WMB markers or self-adhesive, printable marking strips can be accommodated on 35, 50 and 95 mm² high-current terminal blocks.

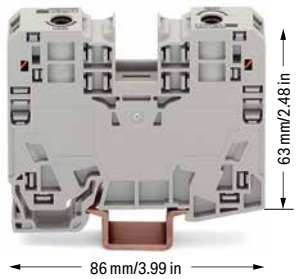
Marker carrier for marking strip or 2 x WMB markers for 285-13x, 285-15x and 285-19x terminal blocks

fine-stranded,
with ferrule
(gastight crimped)

POWER CAGE CLAMP®

High-Current Through Terminal Block, High-Current Ground Conductor Terminal Block
35 mm²; 285 Series

Technical Data	
6 … 35 mm²	10 … 2 AWG
1000 V/8 kV/3 ❶	880 V, 115 A
I_N 125 A	600 V, 115 A
Terminal block width: 16 mm / 0.63 inch	
25 mm / 0.98 inch	



Technical Data	
0.2 … 6 mm²	24 … 10 AWG
800 V/8 kV/3 ❷	600 V, 30 A
I_N 32 A	600 V, 32 A
Module width: 8 mm / 0.315 inch	
12 … 13 mm / 0.47 … 0.51 inch	

❶ 1000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

❸ Terminal blocks with an Ex mark are suitable for Ex e II applications.
880 V, 101 A
1 jumper, 75 A

Please observe the application notes:
Step-down jumpers, see page 229
Marking, from page 246

Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; only for DIN 35 x 15 rail

Color	Item No.	Pack. Unit
gray	285-135	15
blue	285-134	15
light gray	285-935 ❸	15
dark gray/yellow	285-131	15

2-conductor ground terminal block; only suitable for DIN 35 x 15 rail; 1.5 mm and 2.3 mm thick

green-yellow	285-137	15
green-yellow	285-137/999-950 ❸	15

Power tap; for 35 mm² high-current terminal blocks

Color	Item No.	Pack. Unit
gray	285-427	5

Accessories; for high-current terminal blocks

Appropriate marking systems:
WMB/WMB Inline/Marking strips

Copper DIN-rail; per EN 60715; 35 x 15 mm; 2.3 mm thick; 2 m long

unslotted | 210-198 | 10

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

white | 2009-110 | 1

WMB marking card; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain | 793-501 | 5

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

plain | 793-5501 | 5

Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide

gray | 285-442 | 25

Screwless end stop; for DIN-35 rail; 14 mm wide

gray | 249-197 | 10

Accessories; item-specific

Adjacent jumper; insulated; I_N 85 A

gray | 285-435 | 50 (25)

Step-down jumper; insulated; I_N 90 A

gray | 285-430 | 50 (25)

Protective warning marker; with a black high-voltage symbol

yellow | 285-420 | 100 (25)

Finger guard; touch-proof cover protects unused conductor entries

yellow | 285-421 | 100 (25)

Test plug adapter; 11.6 mm wide; for 4 mm Ø test plug; for 1.5 … 16 mm² terminal blocks

gray | 283-404 | 25

Three-phase set; with 35 mm² high-current terminal blocks

285-139 | 1

Power tap; I_N 24 A; with 500 mm cable; for 16 mm² (283/783 Series) and 35 mm² (285/785 Series) rail-mount terminal blocks

gray | 283-407 | 25

Operating tool with a partially insulated shaft; type 3; (5.5 x 0.8) mm blade

210-721 | 25 (1)

Accessories; item-specific

Strain relief plate; gray

1-pole | 769-410 | 100 (25)

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

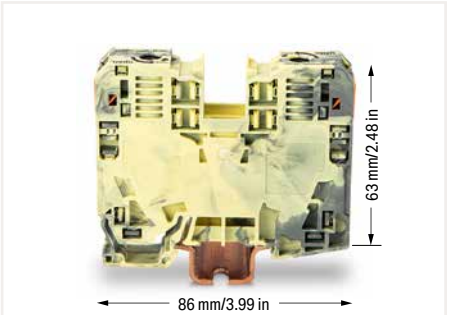
red | 210-136 | 50 (1)

WMB marking card; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain | 793-501 | 5

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

plain | 793-5501 | 5



2-conductor through terminal block, dark gray/yellow (285-131), for ground connection without contact to the DIN-rail

Always push voltage tap (283-407) down into the terminal block until fully inserted!

High-Current Rail-Mount Terminal Blocks; 50 … 185 mm²
285 Series
Description and Installation

Conductor termination – step 1:
Rotate the T-wrench counter-clockwise to the stop ①. Next, push in the orange locking tab. The clamp is locked open for hands-free wiring.

Conductor termination – step 2:
Insert a stripped conductor into the clamping unit until it hits backstop. Hold in this position.

Conductor termination – step 3:
A short counter-clockwise rotation ② releases the tab. When unlocked, the T-wrench rotates clockwise, securely clamping the conductor.

For the optimal clamping force:
- Bend conductor.
- Cut conductor to length (conductor end must be straight).
- Stripping a conductor.

Always observe the printed strip length!

Grounding foot:
Ground conductor terminal blocks (limited to max. 120 mm²/250 kcmil per EN 60947-7-2) must be snapped onto a 2.3 mm thick copper DIN-rail.

Protective warning marker may indicate::
Notice: Power is still on even after switching off the main switch!

Risk of injury!
Do not insert fingers in the conductor entry!

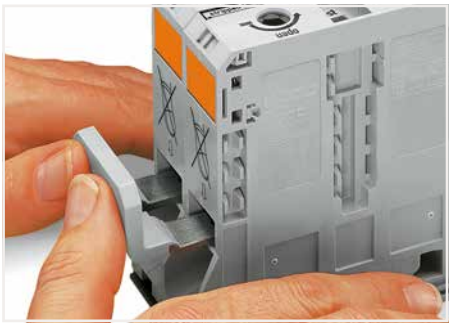
Yellow, detachable finger guards provide touch-proof safety by shielding jumper contact slots and/or unused conductor entries.

POWER CAGE CLAMP terminates the following copper conductors:
solid "s"

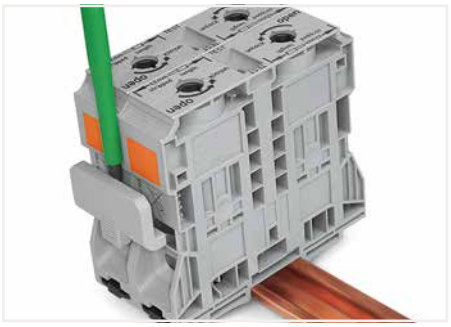
stranded "st"

fine-stranded "f-st", also with tinned single strands

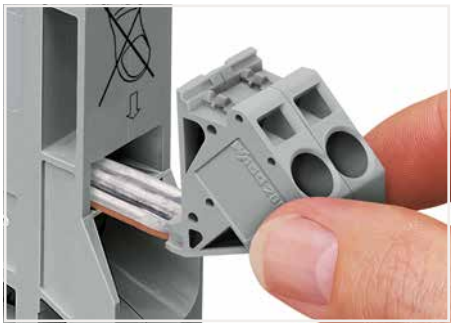
POWER CAGE CLAMP®



Commoning with an adjacent jumper: insert the jumper above the conductor entry hole – prior to conductor termination. The nominal cross-section remains unchanged.



Removing jumper via operating tool.

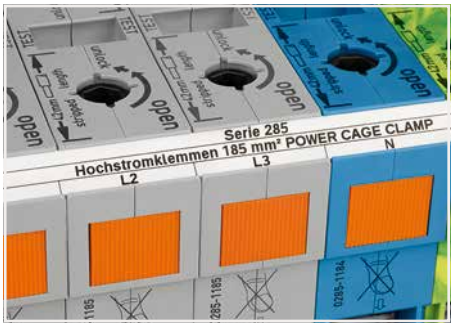


Reliably and easily tap directly into the power supply. Insert the unwired tap before opening the clamping unit.

Testing via touch-proof 4 mm Ø test plugs (not available from WAGO, but offered by industry suppliers such as, Multi-Contact Deutschland GmbH).

Testing

WMB markers or self-adhesive, printable marking strips can be accommodated on 35, 50 and 95 mm² high-current terminal blocks.



In addition to WMB markers, marking strips can be directly applied to 185 mm² (350 kcmil) high-current terminal blocks.

fine-stranded, with ferrule (gastight crimped)

POWER CAGE CLAMP®

High-Current Through Terminal Block, High-Current Ground Conductor Terminal Block
50 (70 “f-st”) mm²; 285 Series

Technical Data	
10 … 50 (70 “f-st”) mm²	8 … 1/0 AWG
1000 V/8 kV/3 ❶	880 V, 150 A
I_N 150 A	600 V, 150 A
Terminal block width: 20 mm / 0.787 inch	
30 mm / 1.18 inch	

Technical Data	
0.2 … 6 mm²	24 … 10 AWG
1000 V/8 kV/3 ❶	600 V, 30 A
I_N 41 A	600 V, 41 A
Module width: 16 mm / 0.63 inch	
12 … 13 mm / 0.47 … 0.51 inch	

❶ 1000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

❷ Terminal blocks with an Ex mark are suitable for Ex e II applications.
880 V, 134 A

Adjacent jumpers (285-450) can only be removed or inserted when the clamp is closed.

Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; only for DIN 35 x 15 rail

Color	Item No.	Pack. Unit
gray	285-150	5
blue	285-154	5
light gray	285-950 ❷	5
dark gray/yellow	285-151	5

2-conductor ground terminal block; only suitable for DIN 35 x 15 rail; 2.3 mm thick; copper

Color	Item No.	Pack. Unit
green-yellow	285-157	5
green-yellow	285-157/999-950 ❷	5

Power tap; for 50 mm² high-current terminal blocks

Color	Item No.	Pack. Unit
gray	285-447	5

Accessories; for high-current terminal blocks

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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


white 2009-110 1

WMB marking card; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain 793-501 5

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

plain 793-5501 5

Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide


gray 285-442 25

Accessories; item-specific

Adjacent jumper; insulated; I_N 150 A, for 1 jumper; I_N 130 A, for 2 … 4 jumpers


gray 285-450 100 (25)

Protective warning marker; with a black high-voltage symbol


yellow 285-440 50 (25)

Protective warning marker; with a black high-voltage symbol


yellow 285-449 25

Finger guard; touch-proof cover protects unused conductor entries and jumper slots


yellow 285-441 100 (25)

Three-phase set; with 50 mm² high-current terminal blocks


285-159 1

Copper DIN-rail; per EN 60715; 35 x 15 mm; 2.3 mm thick; 2 m long


unslotted 210-198 10

Screwless end stop; for DIN-35 rail; 14 mm wide


gray 249-197 10

T-wrench with a partially insulated shaft


285-172 1

Accessories; item-specific

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

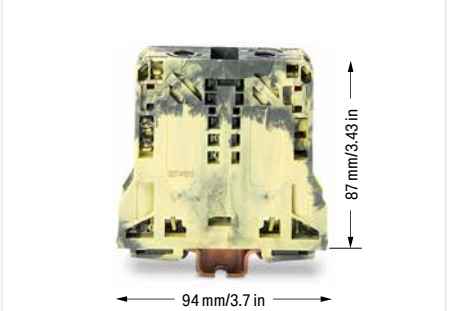

yellow 282-415 50 (25)

WMB marking card; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain 793-501 5

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

plain 793-5501 5



2-conductor through terminal block, dark gray/yellow (285-151), for ground connection without contact to the DIN-rail

Marker carrier for marking strip or 2 x WMB markers for 285-13x, 285-15x and 285-19x terminal blocks

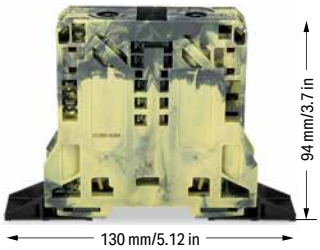
POWER CAGE CLAMP®

High-Current Through Terminal Block; with Mounting Flanges
50 (70 “f-st”) mm²; 285 Series

Technical Data	
10 … 50 (70 “f-st”) mm²	8 … 1/0 AWG
1000 V/8 kV/3 ❶	880 V, 150 A
I_N 150 A	600 V, 150 A
Terminal block width: 20 mm / 0.787 inch	
30 mm / 1.18 inch	

2-conductor through terminal block; with mounting flanges		
Color	Item No.	Pack. Unit
gray	285-141	5
blue	285-144	5
light gray	285-143 ❷	5

Technical Data	
10 … 50 (70 “f-st”) mm²	8 … 1/0 AWG
1000 V/8 kV/3 ❶	880 V, 150 A
I_N 150 A	600 V, 150 A
Terminal block width: 20 mm / 0.787 inch	
30 mm / 1.18 inch	



2-conductor through terminal block; with mounting flanges		
Color	Item No.	Pack. Unit
dark gray/yellow	285-147	5
dark gray/yellow	285-147/999-950 ❷	5

❶ 1000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

❷ Terminal blocks with an Ex mark are suitable for Ex e II applications.
880 V, 134 A

Adjacent jumpers (285-450) can only be removed or inserted when the clamp is closed.

Approvals and corresponding ratings, visit www.wago.com

Optionally, insert block-to-block connector (285-448) into housing slot.

Accessories; for high-current terminal blocks

Appropriate marking systems: WMB/WMB Inline/Marking strips

Adjacent jumper; insulated; I_N 150 A, for 1 jumper; I_N 130 A, for 2 … 4 jumpers

gray | 285-450 | 100 (25)

Block-to-block connector; for 50 mm² high-current terminal blocks

orange | 285-448 | 50 (25)

Protective warning marker; with a black high-voltage symbol

yellow | 285-440 | 50 (25)

Protective warning marker; with a black high-voltage symbol

yellow | 285-449 | 25

Finger guard; touch-proof cover protects unused conductor entries and jumper slots

yellow | 285-441 | 100 (25)

Three-phase set; with 50 mm² high-current terminal blocks

285-148 | 1

Power tap; for 50 mm² high-current terminal blocks

gray | 285-447 | 5

T-wrench with a partially insulated shaft

285-172 | 1

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

white | 2009-110 | 1

WMB marking card; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain | 793-501 | 5

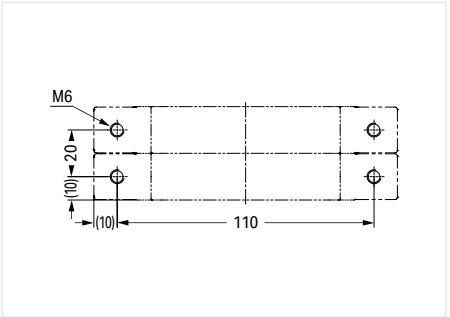
WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain | 793-5501 | 5

Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide

gray | 285-442 | 25

Align and snap high-current, through terminal blocks together.

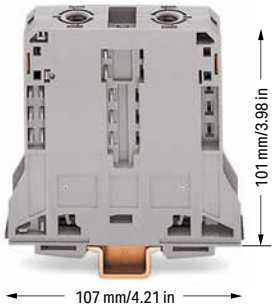


Dimensions (in mm):
Drill hole separation distance

POWER CAGE CLAMP®

High-Current Through Terminal Block, High-Current Ground Conductor Terminal Block
95 mm²; 285 Series

Technical Data	
25 … 95 mm²	4 … 4/0 AWG
1000 VAC/DC/1500 VDC/12 kV/3 ❷	1000 V, 200 A
I_N 232 A	1000 V, 210 A
Terminal block width: 25 mm / 0.984 inch	
35 mm / 1.38 inch	



Technical Data	
0.2 … 10 (16) mm² ❶	24 … 8 AWG
1000 V/8 kV/3 ❸	600 V, 50 A
I_N 57 A	600 V, 57 A
Module width: 20 mm / 0.787 inch	
12 … 13 mm / 0.47 … 0.51 inch	

❶ Power tap; for 95 mm² high-current terminal blocks
Max. conductor size: 16 mm²

❷ 1000 VAC/DC
1500 VDC = rated voltage
12 kV = rated impulse voltage
3 = pollution degree

❸ 1000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

❹ Terminal blocks with an Ex mark are suitable for Ex e II applications.
25 … 95 mm² / 4 … 4/0 AWG
880 V, 211 A
1 jumper, 211 A
2 … 4 jumpers, 175 A
35 … 70 mm² / 2 … 2/0 AWG
for ground conductor terminal blocks

Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; only for DIN 35 x 15 rail

Color	Item No.	Pack. Unit
gray	285-195	5
blue	285-194	5
light gray	285-995 ❹	5
dark gray/yellow	285-191	5

2-conductor ground terminal block; only suitable for DIN 35 x 15 rail; 2.3 mm thick; copper

green-yellow	285-197	5
green-yellow	285-197/999-950 ❹	5

Power tap; for 95 mm² high-current terminal blocks

Color	Item No.	Pack. Unit
gray	285-407	5

Accessories; for high-current terminal blocks

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

white 2009-110 1

WMB marking card; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain 793-501 5

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

plain 793-5501 5

Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide

gray 285-442 25

Accessories; item-specific

Adjacent jumper; insulated; I_N 232 A, for 1 jumper; I_N 192 A, for 2 … 4 jumpers

gray 285-495 25

Protective warning marker; with a black high-voltage symbol

yellow 285-170 50 (25)

Protective warning marker; with a black high-voltage symbol

yellow 285-175 25

Finger guard; touch-proof cover protects unused conductor entries and jumper slots

yellow 285-169 25

Three-phase set; with 95 mm² high-current terminal blocks

285-199 1

Copper DIN-rail; per EN 60715; 35 x 15 mm; 2.3 mm thick; 2 m long

unslotted 210-198 10

Screwless end stop; for DIN-35 rail; 14 mm wide

gray 249-197 10

T-wrench with a partially insulated shaft

285-172 1

Accessories; item-specific

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

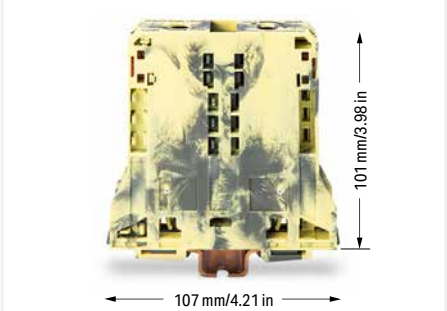
yellow 284-415 50 (25)

WMB marking card; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain 793-501 5

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

plain 793-5501 5



2-conductor through terminal block, dark gray/yellow (285-191), for ground connection without contact to the DIN-rail

Marker carrier for marking strip or 2 x WMB markers for 285-13x, 285-15x and 285-19x terminal blocks

POWER CAGE CLAMP®

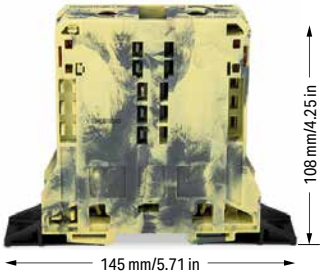
High-Current Through Terminal Block; with Mounting Flanges
95 mm²; 285 Series

Technical Data	
25 … 95 mm²	4 … 4/0 AWG
1000 V/8 kV/3 ❶	1000 V, 200 A
I_N 232 A	1000 V, 210 A
Terminal block width: 25 mm / 0.984 inch	
35 mm / 1.38 inch	

Technical Data	
25 … 95 mm²	4 … 4/0 AWG
1000 V/8 kV/3 ❶	1000 V, 200 A
I_N 232 A	1000 V, 210 A
Terminal block width: 25 mm / 0.984 inch	
35 mm / 1.38 inch	

❶ 1000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

Approvals and corresponding ratings, visit www.wago.com



2-conductor through terminal block; with mounting flanges		
Color	Item No.	Pack. Unit
gray	285-181	5
blue	285-184	5

2-conductor through terminal block; with mounting flanges		
Color	Item No.	Pack. Unit
dark gray/yellow	285-187	5

Optionally, insert block-to-block connector (285-168) into housing slot.

Accessories; for high-current terminal blocks

Appropriate marking systems: WMB/WMB Inline/Marking strips

Adjacent jumper; insulated; I_N 232 A, for 1 jumper; I_N 192 A, for 2 … 4 jumpers

gray | 285-495 | 25

Block-to-block connector; for 95 mm² high-current terminal blocks

orange | 285-168 | 50 (25)

Protective warning marker; with a black high-voltage symbol

yellow | 285-170 | 25

Protective warning marker; with a black high-voltage symbol

yellow | 285-175 | 25

Finger guard; touch-proof cover protects unused conductor entries and jumper slots

yellow | 285-169 | 25

Three-phase set; with 95 mm² high-current terminal blocks

285-188 | 1

Power tap; for 95 mm² high-current terminal blocks

285-407 | 5

T-wrench with a partially insulated shaft

285-172 | 1

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

white | 2009-110 | 1

WMB marking card; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain | 793-501 | 5

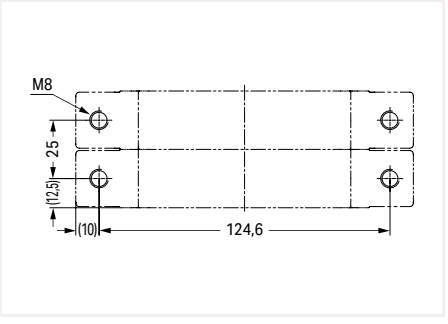
WMB marking card; white; 10 strips with 10 markers/card; 5 … 5.2 mm stretchable

plain | 793-5501 | 5

Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide

gray | 285-442 | 25

Align and snap high-current, through terminal blocks together.



Dimensions (in mm):
Drill hole separation distance

POWER CAGE CLAMP®

High-Current Through Terminal Block, High-Current Ground Conductor Terminal Block
185 mm²; 285 Series

Technical Data	
50 … 185 mm² ❶	1/0 AWG … 350 kcmil
1000 VAC/DC/1500 VDC/12 kV/3 ❸	1000 V, 310 A
I_N 353 A	1000 V, 310 A
Terminal block width: 32 mm / 1.26 inch	
45 … 47 mm / 1.77 … 1.85 inch	

Technical Data	
0.2 … 10 (16) mm² ❷	24 … 8 AWG
1000 V/8 kV/3 ❹	600 V, 50 A
I_N 57 A	600 V, 50 A
Module width: 20 mm / 0.787 inch	
12 … 13 mm / 0.47 … 0.51 inch	

❶ 50 … 120 mm² / 1/0 AWG … 250 kcmil
for ground conductor terminal blocks (285-1187)

❷ Power tap; for 185 mm² high-current terminal blocks
Max. conductor size: 16 mm²

❸ 1000 VAC/DC
1500 VDC = rated voltage
12 kV = rated impulse voltage
3 = pollution degree

❹ 1000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

❺ Terminal blocks with an Ex mark are suitable for Ex e II applications.
50 … 185 mm² / 1/0 AWG … 350 kcmil
1000 V, 250 A
1 jumper, 236 A
50 … 120 mm² / 1/0 AWG … 250 kcmil
for ground conductor terminal blocks

Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; only for DIN 35 x 15 rail

Color	Item No.	Pack. Unit
gray	285-1185	5
blue	285-1184	5
light gray	285-1189 ❺	5
dark gray/yellow	285-1181	5

2-conductor ground terminal block; only suitable for DIN 35 x 15 rail; 2.3 mm thick; copper

Color	Item No.	Pack. Unit
green-yellow	285-1187	5
green-yellow	285-1187/999-950 ❺	5

Power tap; for 185 mm² high-current terminal blocks

Color	Item No.	Pack. Unit
gray	285-1175	5

Accessories; item-specific

Adjacent jumper; insulated; I_N 309 A for 1 jumper

gray 285-1171 25

Protective warning marker; with a black high-voltage symbol

yellow 285-1177 50 (25)

Protective warning marker; with a black high-voltage symbol

yellow 285-1176 25

Finger guard; touch-proof cover protects unused conductor entries and jumper slots

yellow 285-1178 25

Three-phase set; with 185 mm² high-current terminal blocks

285-1169 1

Copper DIN-rail; per EN 60715; 35 x 15 mm; 2.3 mm thick; 2 m long

unslotted 210-198 10

Screwless end stop; for DIN-35 rail; 14 mm wide

gray 249-197 10

T-wrench with a partially insulated shaft

285-172 1

Accessories; item-specific

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

yellow 284-415 50 (25)

WMB marking card; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain 793-501 5

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

plain 793-5501 5

Tapping directly into the power supply.

Accessories; for high-current terminal blocks

Appropriate marking systems:
WMB/WMB Inline/Marking strips

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

white 2009-110 1

WMB marking card; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

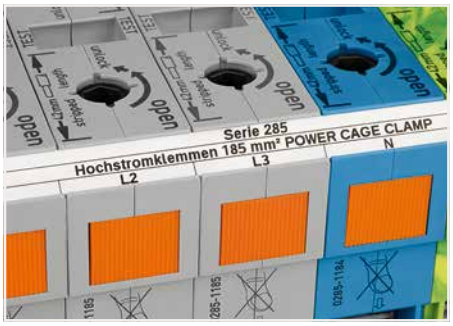
plain 793-501 5

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

plain 793-5501 5

Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide

gray 285-442 25



In addition to WMB markers, marking strips can be directly applied to 185 mm² (350 kcmil) high-current terminal blocks.

POWER CAGE CLAMP®

High-Current Through Terminal Block; with Mounting Flanges
185 mm²; 285 Series

Technical Data	
50 … 185 mm²	1/0 AWG … 350 kcmil
1000 VAC/DC/1500 VDC/12 kV/3 ❶	1000 V, 310 A
I_N 353 A	1000 V, 310 A
Terminal block width: 32 mm / 1.26 inch	
45 … 47 mm / 1.77 … 1.85 inch	

2-conductor through terminal block; with mounting flanges		
Color	Item No.	Pack. Unit
gray	285-1161	4
blue	285-1164	4
light gray	285-1163 ❷	4

Technical Data	
50 … 185 mm²	1/0 AWG … 350 kcmil
1000 VAC/DC/1500 VDC/12 kV/3 ❶	1000 V, 310 A
I_N 353 A	1000 V, 310 A
Terminal block width: 32 mm / 1.26 inch	
45 … 47 mm / 1.77 … 1.85 inch	

2-conductor through terminal block; with mounting flanges		
Color	Item No.	Pack. Unit
dark gray/yellow	285-1167	4
dark gray/yellow	285-1167/999-950 ❷	4

❶ 1000 VAC/DC
1500 VDC = rated voltage
12 kV = rated impulse voltage
3 = pollution degree

❷ Terminal blocks with an Ex mark are suitable for Ex e II applications.
50 … 185 mm² / 1/0 AWG … 350 kcmil
1000 V, 250 A
1 jumper, 236 A

Approvals and corresponding ratings, visit www.wago.com

Optionally, insert block-to-block connector (285-1179) into housing slot.

Accessories; for high-current terminal blocks

Appropriate marking systems: WMB/WMB Inline/Marking strips

Adjacent jumper; insulated; I_N 309 A for 1 jumper

gray	285-1171	25

Block-to-block connector; for 185 mm² high-current terminal blocks

orange	285-1179	50 (25)

Protective warning marker; with a black high-voltage symbol

yellow	285-1177	50 (25)

Protective warning marker; with a black high-voltage symbol

yellow	285-1176	25

Finger guard; touch-proof cover protects unused conductor entries and jumper slots

yellow	285-1178	25

Three-phase set; with 185 mm² high-current terminal blocks

	285-1165	1

Power tap; for 185 mm² high-current terminal blocks

	285-1175	5

T-wrench with a partially insulated shaft

	285-172	1

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

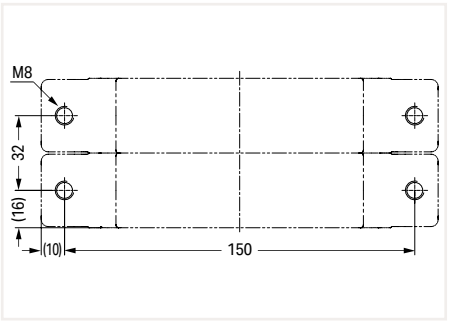
white	2009-110	1

WMB marking card; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain	793-501	5

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

plain	793-5501	5

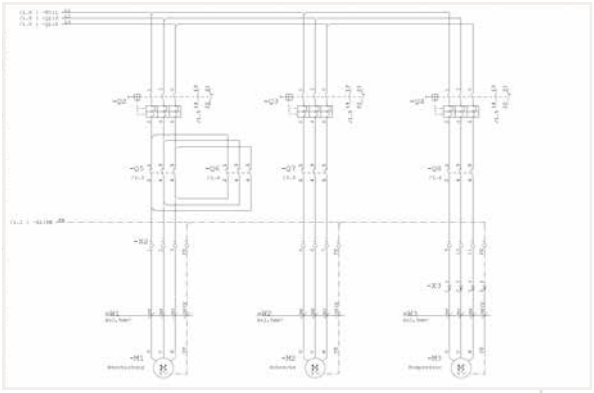


Dimensions (in mm):
Drill hole separation distance

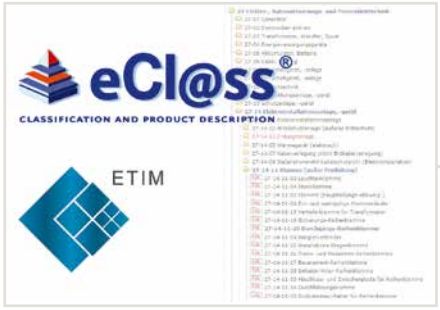
Secure the terminal block to a mounting plate using two M8 cylinder-head screws and appropriate washers.

Smart Data
Supports Workflow from Control Cabinet Planning to Installation

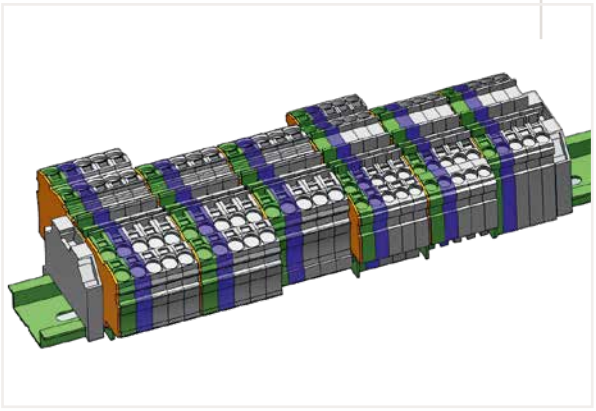
Electrical Planning
Directly import data from a CAE circuit diagram into the Smart Designer engineering software or output marking data on Smart Printer



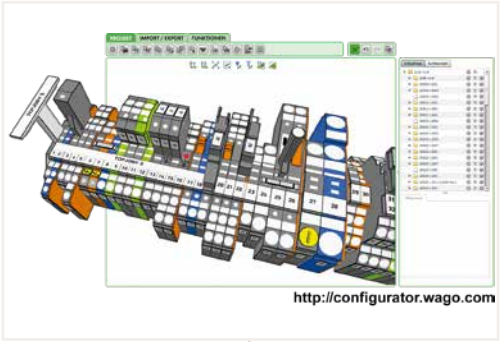
Technical and Commercial Item Data
Classified by ETIM and eCl@ss – also in Advanced Format



Mechanical Planning
CAD export into all standard CAD formats and in different granularities



Smart Designer
- Free online configuration and ordering software for all electrical interconnect and automation components
- No installation required
- Available worldwide – 24 hours a day
- Item data is always updated
- Auto-audit feature checks product compatibility via programed database
- Design in full 3-D

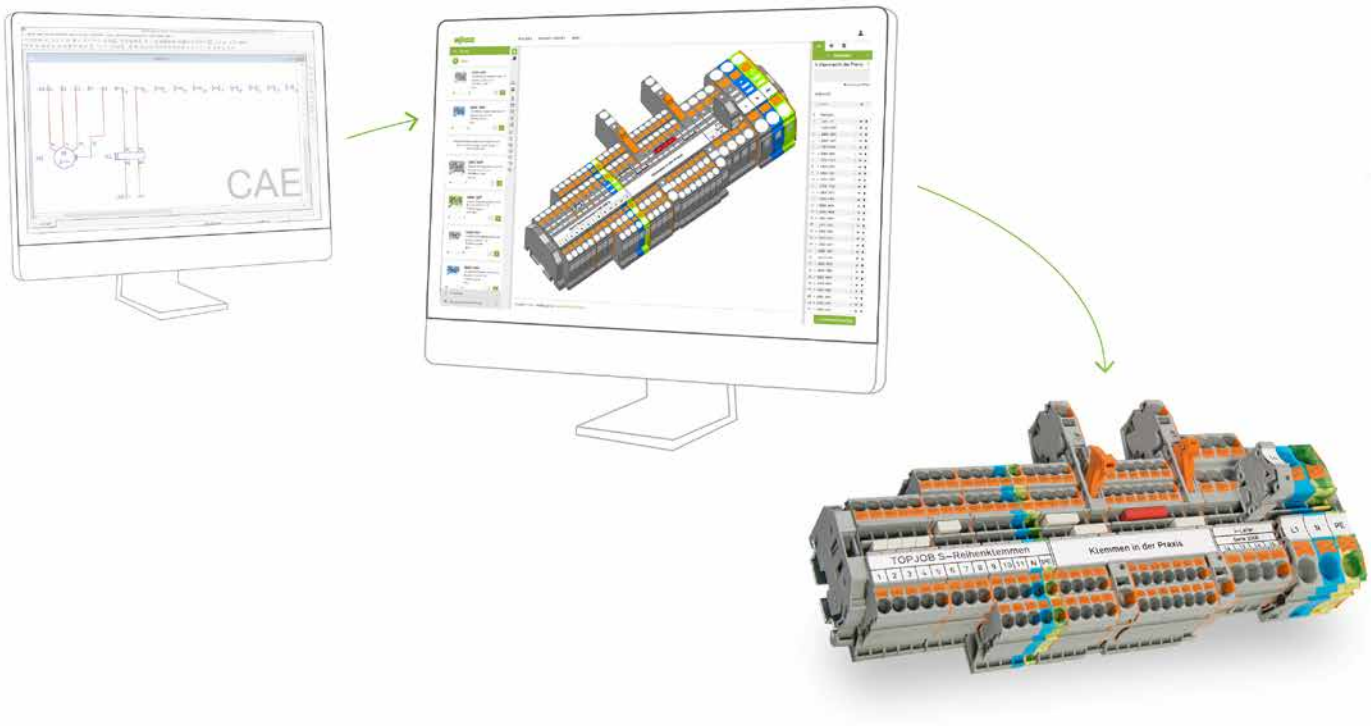


Smart Script
- XML-based software for all WAGO labeling materials
- Data import from CAE systems
- Font size check
- Material selection wizard

Configuration made easy – http://configurator.wago.com

Smart Printer

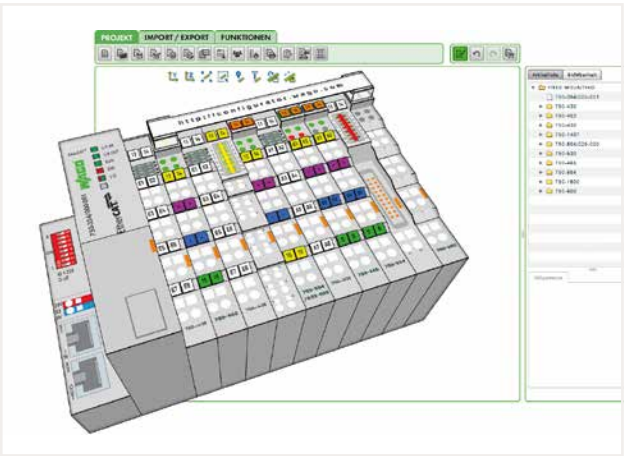
The Fastest Marking System



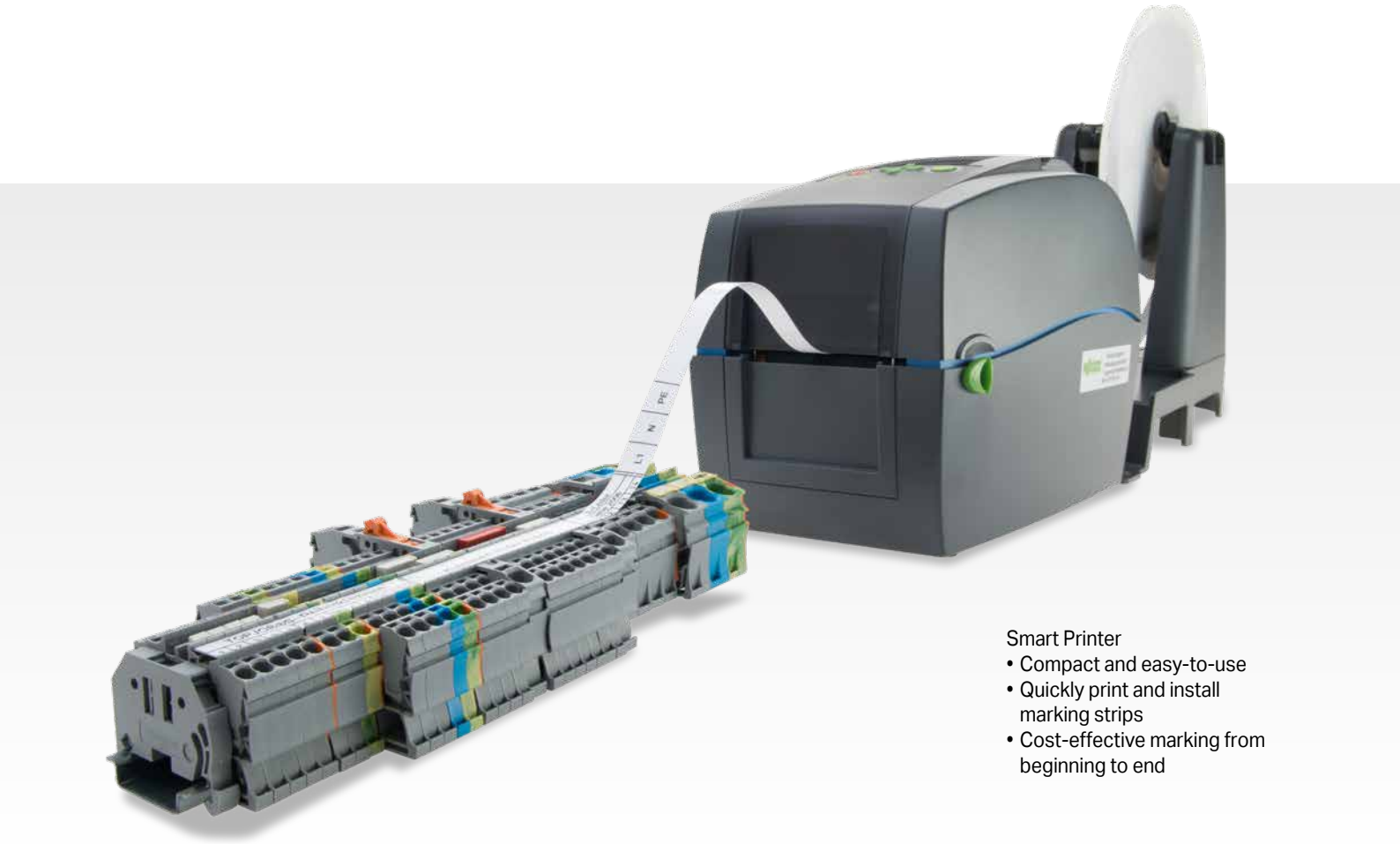
Smart Script

Smart Script
Import from CAE systems or create customized marking.

Smart Designer

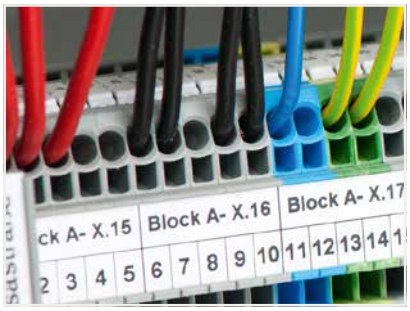


Smart Designer
After designing, print labeling materials directly from the project via Smart Printer



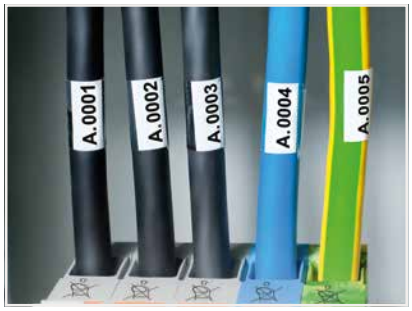
Smart Printer
- Compact and easy-to-use
- Quickly print and install marking strips
- Cost-effective marking from beginning to end

Terminal Block Marking



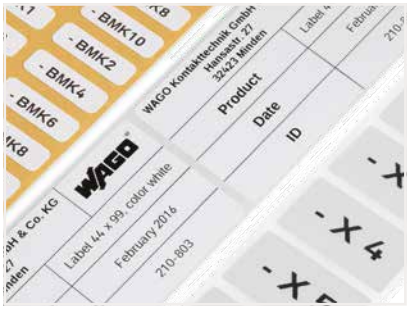
Multi-line marking strips for clear, detailed control cabinet labels
- WMB Inline markers on a reel are suitable for various terminal block sizes – just one marker size for all standard applications
- Same profile across all WAGO Rail-Mount Terminal Blocks TOPJOB® S ensures quick labeling

Cable and Conductor Marking



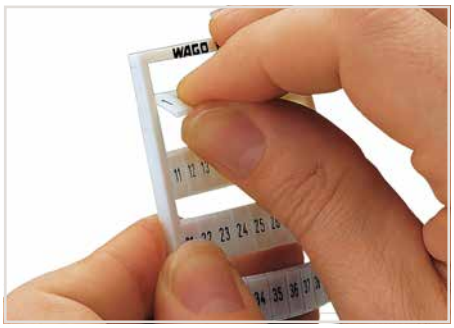
Different versions available:
- Marking sleeves, self-laminating labels, conductor markers for thread-on mounting or shrink tubes
- Large variety of marking surface sizes

Device Marking



Broad selection of label types (e.g., printable fabric), push-button markers and type plates optimizes marking for devices and control cabinets
- Labels and markers are available in a variety of colors and sizes

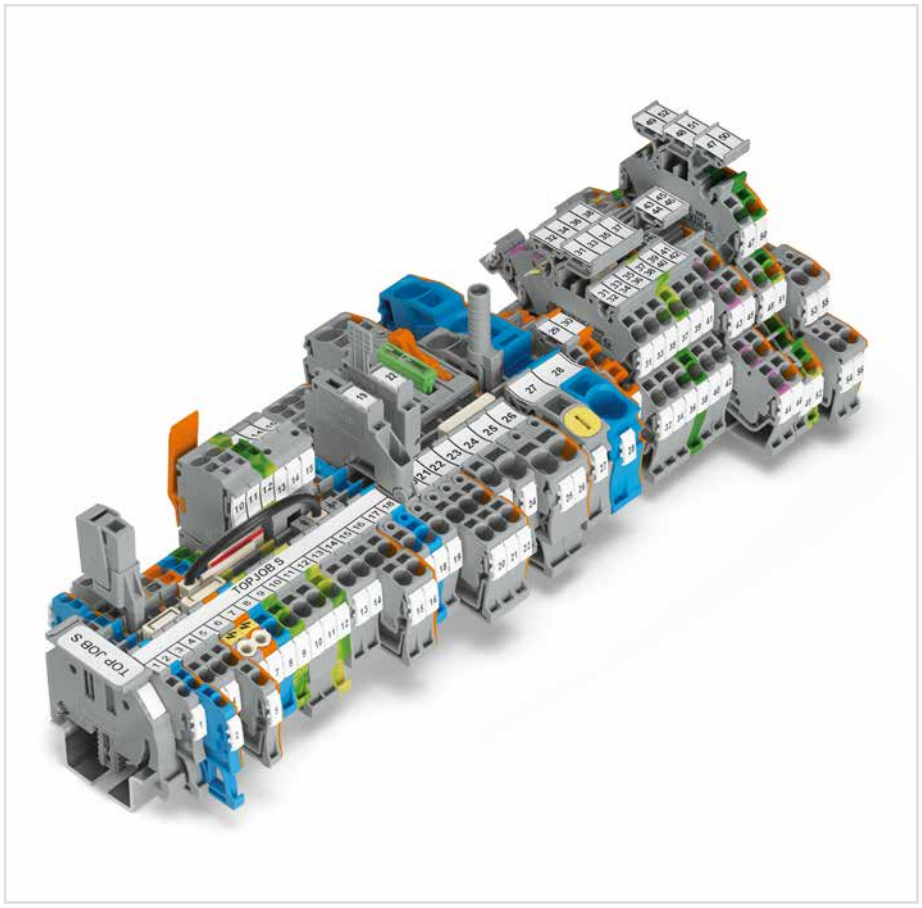
Marking Systems
Description and Installation



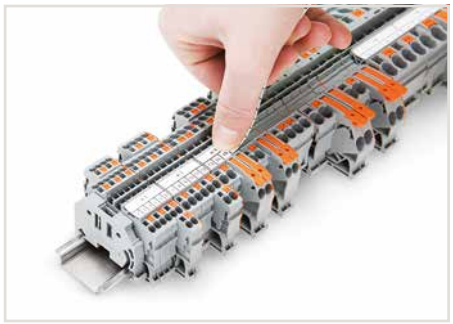
Separating a strip from the WMB or WMB marker card.

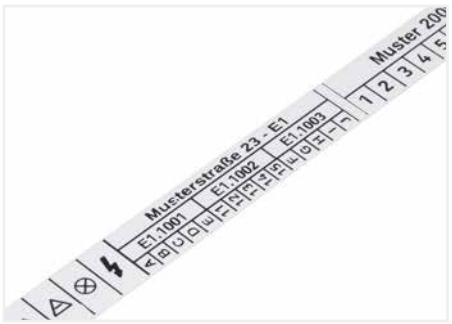

Stretching a WMB marker strip.


Separating an individual marker from the strip – for larger terminal blocks.




Printing a marking strip (2009-110) via Smart Printer.


Snapping a marking strip into the marker slot.

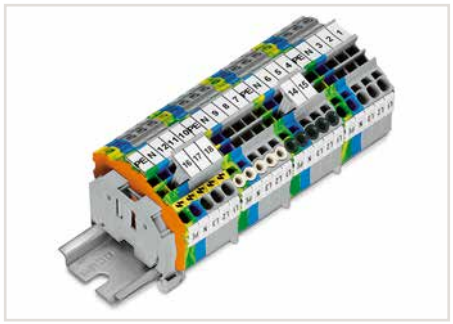


Marking strip – multi-line printing

Snapping a marking strip into the marker slot.

Snapping a WMB marker strip into the marker slot of the double marker carrier.

WMB "decade" marking



Group marker carriers for WAGO Rail-Mount Terminal Blocks
TOPJOB® S –
can be snapped into jumper slots.

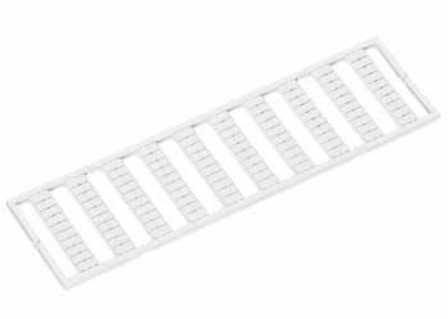
Double- and triple-deck marker carriers can be retrofitted into the jumper contact slot of double- and triple-deck terminal blocks.

Height adjustable group marker carrier (2009-163) for marking strips (2009-110)

Height-adjustable group marker carrier

Marking System

Terminal Block Width: 3.5 mm, 4 … 4.2 mm and from 5 mm



Use		
Marker width	Can be snapped onto the following terminal block series	
	for continuous marking	that will be separated
3.5 mm	2000, 2020	-
4 … 4.2 mm	279, 2001	-
5 … 5.2 mm	270, 280, 780, 869, 870, 880, 2002, 2003, 2022	Terminal blocks with spacing > 5 … 5.2 mm
5 … 17.5 mm	270, 280, 780, 869, 870, 880	281 … 285, 781 … 785, 2002, 2004, 2005, 2006, 2007, 2010, 2016, 2022

WMB marker card; plain; 10 strips with 10 markers/card

Color	5 mm Item No.	5 … 5.2 mm Item No.	4 … 4.2 mm Item No.	3.5 mm Item No.	Pack. Unit
white	793-501	793-5501	793-4501	793-3501	5
yellow	793-501/000-002	793-5501/000-002	793-4501/000-002		5
red	793-501/000-005	793-5501/000-005	793-4501/000-005		5
blue	793-501/000-006	793-5501/000-006	793-4501/000-006		5
gray	793-501/000-007	793-5501/000-007	793-4501/000-007		5
orange	793-501/000-012	793-5501/000-012	793-4501/000-012		5
light green	793-501/000-017	793-5501/000-017	793-4501/000-017		5
green	793-501/000-023	793-5501/000-023	793-4501/000-023		5
violet	793-501/000-024	793-5501/000-024	793-4501/000-024		5

Use		
Marker width	Can be snapped onto the following terminal block series	
	for continuous marking	that will be separated
3.5 mm	2000, 2020	-
4 … 4.2 mm	279, 2001	-
5 … 5.2 mm	270, 280, 780, 869, 870, 880, 2002, 2003, 2022	Terminal blocks with spacing > 5 … 5.2 mm

WMB Inline; plain; 2,300 WMB markers (3.5 mm)/reel

Color	3.5 mm Item No.	Pack. Unit
white	2009-113	1

WMB Inline; plain; 2,000 WMB markers (4 mm)/reel; stretchable 4 … 4.2 mm

Color	4 … 4.2 mm Item No.	Pack. Unit
white	2009-114	1

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

Color	5 … 5.2 mm Item No.	Pack. Unit
white	2009-115	1

Use	
	Can be snapped onto the following terminal block series
	2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2010, 2016, 2020, 2022

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

Color	3.5 mm Item No.	Pack. Unit
white	2009-110	1

Group Marker Carrier, Marker Carrier
TOPJOB® S

Group marker carrier; snap-on type for jumper slot; gray		
	Item No.	Pack. Unit
◯ 5 mm wide	**2009-191**	50 (25)
◯ 10 mm wide	**2009-192**	50 (25)
◯ 15 mm wide	**2009-193**	50 (25)

Group marker carrier; snap-on type for jumper slot; gray		
◯ 10 mm wide	**2009-196**	50 (25)

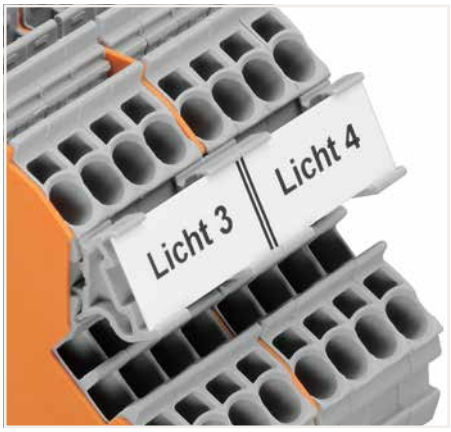
Marker carrier; for lateral marker slots; 5 mm wide		
Color	Item No.	Pack. Unit
◯ gray	**2009-198**	200 (25)

2009-193 Group Marker Carrier (equipped with marking strips) for all 2001 to 2016 Series TOPJOB® S Rail-Mount Terminal Blocks.
Do not use on an end plate!

Marker carrier; for jumper slots of double-deck, double-disconnect terminal blocks (2002 Series); 5 mm wide		
Color	Item No.	Pack. Unit
◯ gray	**2002-160**	50 (25)

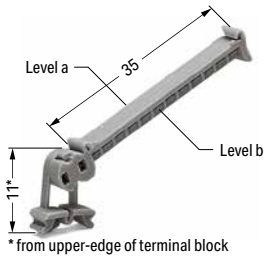
Marker carrier; for jumper slots (2002 Series); 5 mm wide		
Color	Item No.	Pack. Unit
◯ gray	**2002-161**	100 (25)

Using marker carriers for marking strips (2002-161) in jumper slots.



Using marker carriers for marking strips (2009-198) in lateral marker slots.

Pivoting Group Marker Carrier, Multilevel Marker Carrier
TOPJOB® S



Pivoting group marker carrier		
Color	Item No.	Pack. Unit
gray	249-105	50 (25)

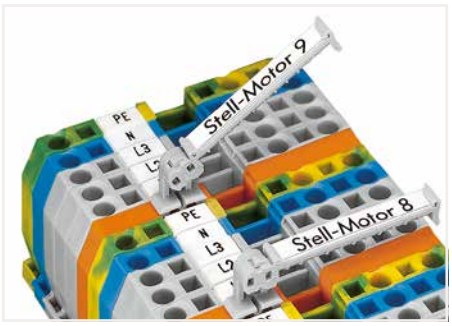
Marker; 4 x 30 markers/sheet		
white	209-183	1

Protective marker cover		
transparent	209-184	50

Double-deck marker carrier; pivoting		
Color	Item No.	Pack. Unit
gray	2000-121	50 (25)

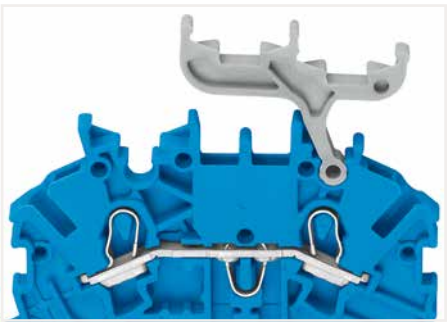
Double-deck marker carrier; pivoting		
Color	Item No.	Pack. Unit
gray	2002-121	50 (25)

Triple-deck marker carrier; pivoting		
Color	Item No.	Pack. Unit
gray	2002-131	50 (25)



This pivoting group marker carrier has been developed for group marking of rail-mount terminal blocks and incorporates many customer requirements.

- Can be used in all multiprofile marker slots for rail-mount terminal bocks from 5 mm (0.197 inch) on or in spacer housings as shown above.
- Pivotable in seven different stable positions, providing the best visual angle in case of difficult mounting conditions



Double-deck terminal blocks:
A double-deck marker carrier (2000-121) can be retrofitted to double-deck terminal blocks without a marker carrier.

Height-Adjustable Group Marker Carrier, Laterally Movable Marking System

Height-adjustable group marker carrier; snaps onto end stops (249-116 and 249-117), adjustable in height from 43.5 to 59.5 mm; for 1 marker or self-adhesive marker and transparent protection cover; 10 mm wide

Color	Item No.	Pack. Unit
gray	249-119	50 (25)

Height-adjustable group marker carrier; snaps onto end stops (249-116 and 249-117), adjustable in height from 43.5 to 59.5 mm; for 2 WMB markers or 1 continuous strip; 10 mm wide

gray	249-118	100 (25)

Height-adjustable group marker carrier; snaps onto end stops (249-116 and 249-117), adjustable in height from 42.2 to 58.2 mm; with marking surface; 6 mm wide

white	249-120	50 (25)

Height-adjustable group marker carrier; snaps onto end stops (249-116 and 249-117), adjustable in height from 45 to 61 mm; for 9 WMB markers or 1 marking strip TOPJOB® S; 12.2 mm wide

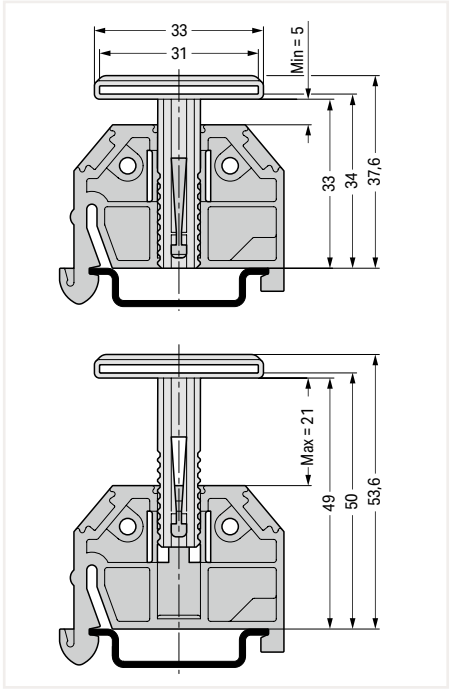
gray	2009-163	50 (25)

Carrier-through element; height-adjustable; snaps onto end stops (249-116 and 249-117)

Color	Item No.	Pack. Unit
gray	709-118	50 (25)

Carrier-end element; height-adjustable; snaps onto end stops (249-116 and 249-117)

gray	709-119	50 (25)



Dimensions in mm

Accessories; item-specific

Marking strip receptacle; folded; 1 m long; 16 mm wide; 1.7 mm thick

transparent	709-120	1

Marking card; with 14 marking strips; DIN A4

	709-193	1

Height adjustable group marker carrier (2009-163) for marking strips (2009-110)

This laterally movable marking system can be used as an additional group marker carrier or continuous marking strip carrier for terminal strips or single-deck rail-mount terminal blocks, e.g., for:

- DIN-35 rail-mount terminal strips (264 Series)
- Single-deck rail-mount terminal blocks (279 to 284 Series) with a maximum height of 49 mm (1.93 inch) from upper-edge of DIN-rail (please observe conductor radius)

Thermal Transfer Printer
Smart Printer


Open the printer.


Printer – open

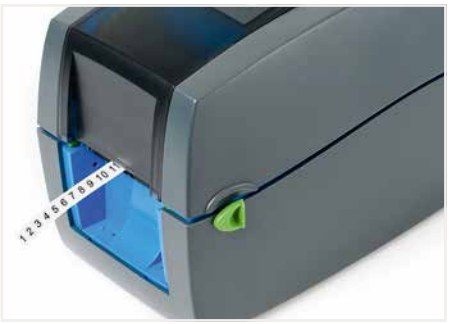

Accessories for unwinding material


Insert the ink ribbon.


Prepare the marking material.


Insert and secure the appropriate roller into the printer.


Printer has several interfaces:
USB, ETHERNET, serial COM port


Fast, cost-effective and easy to use –
printing WMB Inline markers via Smart Printer

Thermal Transfer Printer, Cutter
Smart Printer

Smart Printer; WMB Inline markers; Marking strips; Conductor markers and labels; Resolution: 300 dpi

	Item No.	Pack. Unit
	258-5000	1

Smart Printer
includes:
- Power supply and cable
- USB cable
- 1 x marking strip reel (2009-110)
- 1 x WMB Inline marker reel (2009-115)
- 2 x roller (258-5006 + 258-5007)
- 1 x reel holder
- 1 x ink ribbon (258-5005)

Technical Data	
Printing method	Thermal transfer
Print head	Glass layer, spring-mounted
Print speed (max.)	127 mm/s (WAGO recommends 50.8 mm/s)
Print width (max.)	47 mm
Print length (max.)	762 mm
Print resolution	300 dpi (12 pixels/mm)
See-through/reflective sensor	Yes, centrally mounted
Operating display	Color TFT LCD with navigation button
Memory	8 MB Flash, 16 MB SDRAM
Interfaces	USB, RS-232, ETHERNET 10/100 Mbps, USB Host
Operating voltage	100 … 240 VAC, 50 … 60 Hz (automatic adjustment)
Dimensions (mm) W x H x D	135 x 175 x 245
Weight	2000 g (without printing material)
Operating temperature	5 … 40 °C (41 … 104 °F)
Storage temperature	−20 … 50 °C (−4 … 122 °F)
Safety approvals	CE (EMC)
Ink ribbon (see also Full Line Catalog, Volume 6, Marking)	External roll diameter: 40 mm; Internal core diameter: 12.7 mm (0.5 inch); Max. length: 110 m; Max. width: 58 mm

Cutter for Smart Printer; for marking strips only; not suitable for WMB Inline markers

	Item No.	Pack. Unit
	258-5030	1

Hardware requirements:
- Printer model: Smart Printer
- From manufacturing month/year: 0814 – August 2014
- Firmware version: 1.UW7i
- Printer driver: Version 7.4.2

Software requirements:
- Smart Script: Version 3.88.9.0 or higher
- WAGO printer settings: Version 2.4.0.0 or higher

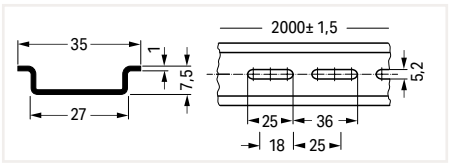
Approved print material to be cut:
- Marking strips: 2009-110, 709-177, 709-178, 757-901/000-005
- Self-adhesive marking strips: 210-702, 210-870 … -877
- Cable tie markers: 211-835 … -836, 211-836/000-002
- Self-laminating labels: 211-855 … -857
- Conductor markers for thread-on mounting: 211-861 … -863
- Type labels: 210-801 … -804, 210-812
- Continuous labels: 210-831 … -834
- Label for circuit identification: 210-813

Dimensions of printing materials:
- Width (max.): 46 mm
- Thickness (max.): 250 µm

Technical Data	
Width	60 mm
Height	107 mm
Depth	131 mm
Weight	1050 g

DIN-Rail; Rail End Cap; Angled Support Bracket, Collective Jumper Carrier

Dimensions in mm



Steel DIN-rail; I_N 76 A (based on 1 m length); 35 x 7.5 mm; 1 mm thick; 2 m long; per EN 60715

	Item No.	Pack. Unit
unslotted	**210-113**	10 (1)

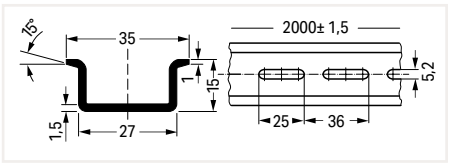
Hole width: 25 mm; Hole spacing: 36 mm

slotted	**210-112**	10 (1)

Hole width: 18 mm; Hole spacing: 25 mm

slotted	**210-115**	1

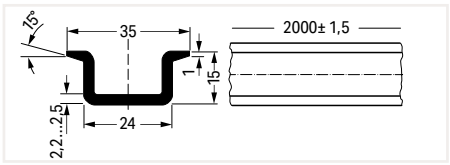
Dimensions in mm



Steel DIN-rail; I_N 125 A (based on 1 m length); 35 x 15 mm; 1.5 mm thick; 2 m long; similar to EN 60715

	Item No.	Pack. Unit
unslotted	**210-114**	10 (1)
slotted	**210-197**	10 (1)

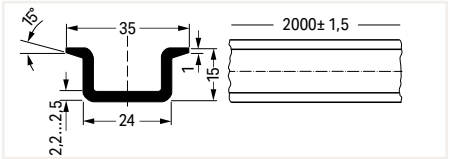
Dimensions in mm



Steel DIN-rail; I_N 125 A (based on 1 m length); 35 x 15 mm; 2.3 mm thick; 2 m long; per EN 60715

	Item No.	Pack. Unit
unslotted	**210-118**	10 (1)

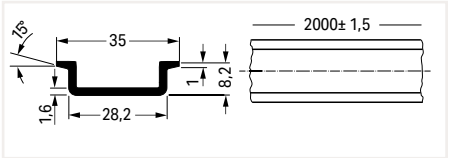
Dimensions in mm



Copper DIN-rail; I_N 309 A (based on 1 m length); 35 x 15 mm; 2.3 mm thick; 2 m long; per EN 60715

	Item No.	Pack. Unit
unslotted	**210-198**	10 (1)

Dimensions in mm



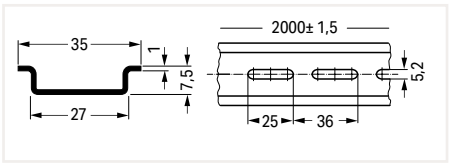
Aluminum DIN-rail; I_N 76 A (based on 1 m length); 35 x 8.2 mm; 1.6 mm thick; 2 m long; similar to EN 60715

	Item No.	Pack. Unit
unslotted	**210-196**	20 (1)

Rail end cap; for DIN-35 rail (7.5 mm high)

Color	Item No.	Pack. Unit
◯ gray	**209-109**	50 (25)

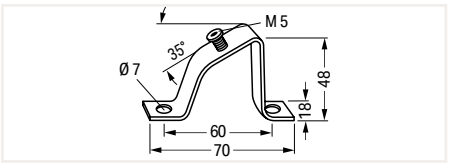
Dimensions in mm



Steel DIN-rail; I_N 76 A (based on 1 m length); 35 x 7.5 mm; 1 mm thick; 2 m long; per EN 60715

	Item No.	Pack. Unit
unslotted	**210-505**	1
slotted	**210-504**	1

Dimensions in mm



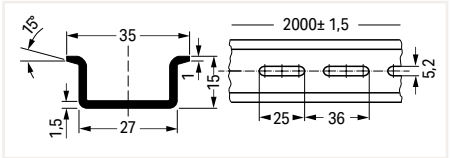
Angled support bracket; without screw

	Item No.	Pack. Unit
	210-148	10

Screw M5 x 8

	Item No.	
	210-149	100 (20)

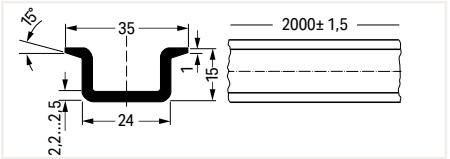
Dimensions in mm



Steel DIN-rail; I_N 125 A (based on 1 m length); 35 x 15 mm; 1.5 mm thick; 2 m long; per EN 60715

	Item No.	Pack. Unit
unslotted	**210-506**	1
slotted	**210-508**	1

Dimensions in mm

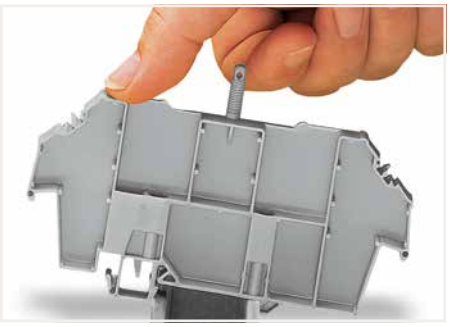


Carrier rail; plastic
Not suited for use with ground terminal blocks!

	Item No.	Pack. Unit
	210-509	10 (1)

Sealable, Transparent Covers for Rail-Mount Terminal Blocks 709 Series

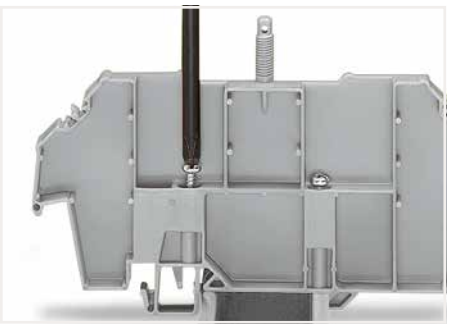
Description and Installation



Snapping a cover carrier onto the DIN-rail.

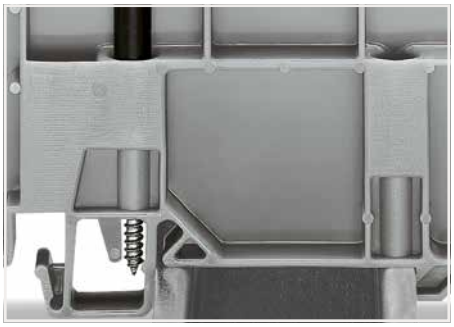
Application example:
Cover (type 1) without safety warning

Application example:
Cover (type 1) with safety warning

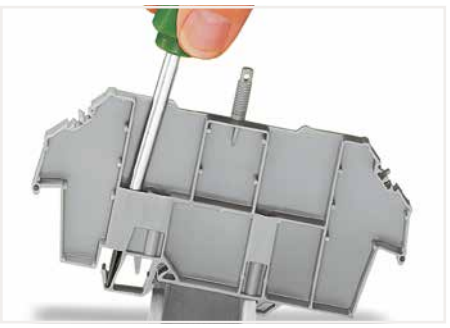


Tightening both securing screw (left) and mounting screw (right).

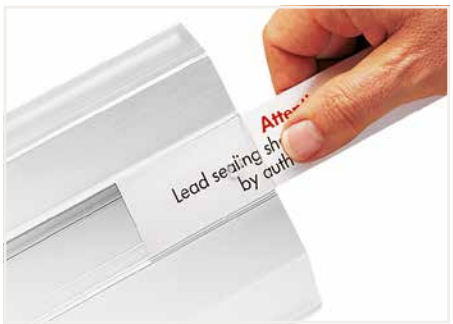
Application example:
Cover (type 2) with safety warning



Securing screw – prevents lifting off from the rail.
Mounting screw – prevents the cover carrier from being moved on the rail.



Removing a cover carrier from the DIN-rail.



Inserting a marking strip into the cover.

Cover with lead seals:
Using covers without lead seals,
the thread dome-head can be broken off.

Sealable, Transparent Cover; for Rail-Mount Terminal Blocks
709 Series

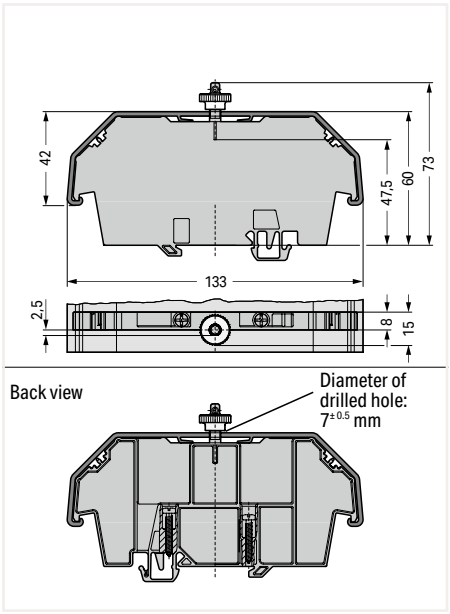
Cover; Type 1; for cover carrier (type 1); 1 m long		
Color	Item No.	Pack. Unit
transparent	**709-153**	10

Cover; Type 2; for cover carrier (type 2); 1 m long		
Color	Item No.	Pack. Unit
transparent	**709-154**	10

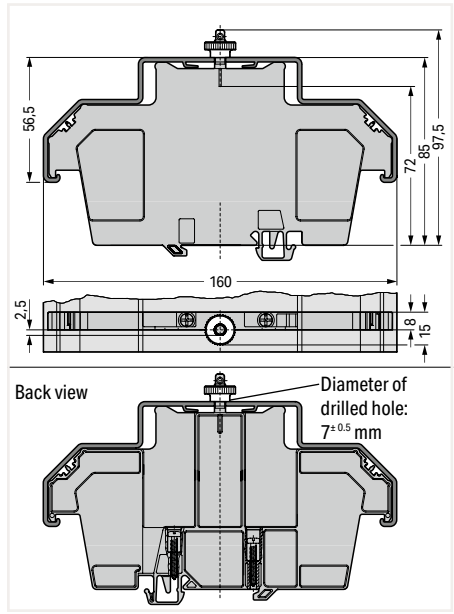
Cover carrier; Type 1; incl. mounting/securing screws and knurled nut; for rail-mount terminal blocks (279 to 282, 880 Series); for "Mini" rail-mount terminal blocks (264 Series); for sensor/actuator terminal blocks (270 Series)		
Color	Item No.	Pack. Unit
○ gray	**709-167**	10

Cover carrier; Type 2; incl. mounting/securing screws and knurled nut; for rail-mount terminal blocks (283 to 285 Series); for double- and triple-deck terminal blocks (279 to 281 Series); for TOPJOB® rail-mount terminal blocks (780 to 785 and 775 Series); for sensor/actuator terminal blocks (280 Series); for disconnect/test terminal blocks for transformer circuits (282 Series)		
Color	Item No.	Pack. Unit
○ gray	**709-168**	10

Dimensions in mm



Dimensions in mm



Accessories			
Marking card; with 6 marking strips; for group marking or safety instructions			
	plain	**709-183**	1
Spare mounting/securing screw; for cover			
		209-196	200 (25)
Spare knurled nut; for cover			
		210-549	100 (25)

Sealable, Transparent Cover; for Rail-Mount Terminal Blocks
709 Series

Cover; Type 3; for cover carrier (type 3); 1 m long		
Color	Item No.	Pack. Unit
transparent	**709-156**	10

Cover carrier; Type 3; for rail-mount terminal blocks (2000 to 2016 Series, 2102 to 2116 Series, 2200 to 2216 Series); for transformer terminal blocks (2007 Series)		
Color	Item No.	Pack. Unit
gray	**709-169**	10

Accessories

Marking card; with 6 marking strips; for group marking or safety instructions

plain	**709-183**	1

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

white	**2009-110**	1

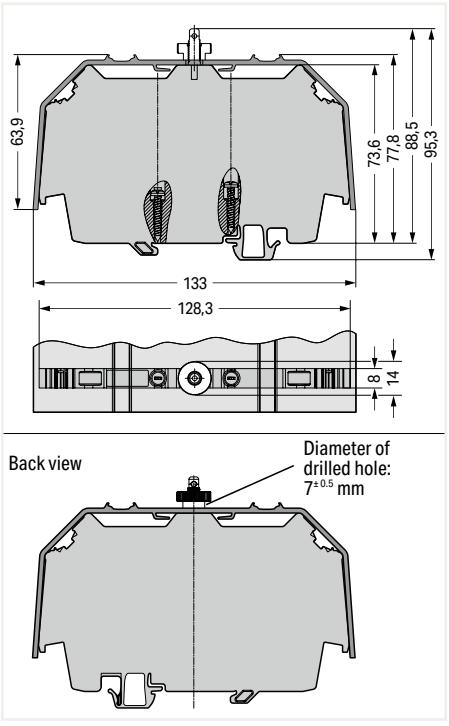
Spare mounting/securing screw; for cover

209-196	200 (25)

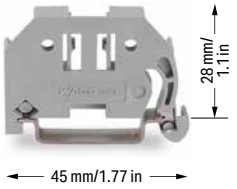
Spare knurled nut; for cover

210-549	100 (25)

Dimensions in mm



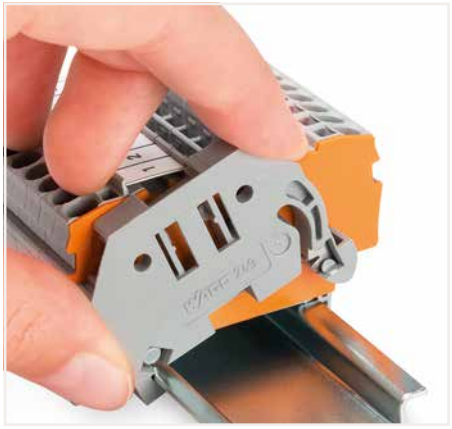
Screwless End Stop; for DIN-35 Rail
249 Series

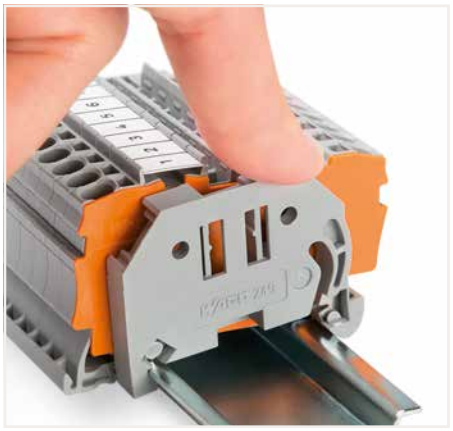


Screwless end stop; for DIN-35 rail; 6 mm wide		
Color	Item No.	Pack. Unit
gray	249-116	100 (25)

Screwless end stop; for DIN-35 rail; 10 mm wide		
gray	249-117	50 (25)

Screwless end stop; for DIN-35 rail; 14 mm wide		
Color	Item No.	Pack. Unit
gray	249-197	10


Simply snap on – that's it!


Simply snap on – that's it!


Simply snap on – that's it!


Removing an end stop from the DIN-rail.

Snap on – that's it! Assembling the WAGO Screwless End Stop is as simple and quick as snapping a rail-mount terminal block onto the rail.

Tool free!

A tool-free design allows rail-mount terminal blocks to be safely and economically secured against any movement on all DIN-35 rails per DIN EN 60715 (35 x 7.5 mm; 35 x 15 mm).

Screwless!

The "secret" to a perfect fit lies in the two small clamping plates which keep the end stop in position, even if the rails are mounted vertically.

Simply snap on – that's it!

In addition, costs are significantly reduced when using large numbers of end stops.

Additional benefit: Three marker slots for all WAGO Rail-Mount Terminal Block Marking Systems and one snap-in hole for WAGO's adjustable height group marker carriers offer individual marking options.

Operating Tool

Operating tool with a partially insulated shaft; Type 1, (2.5 x 0.4) mm blade		
	Item No.	Pack. Unit
	210-719	50 (1)

Operating tool with a partially insulated shaft; Type 2, (3.5 x 0.5) mm blade		
	210-720	50 (1)

Operating tool with a partially insulated shaft; Type 3, (5.5 x 0.8) mm blade		
	210-721	25 (1)

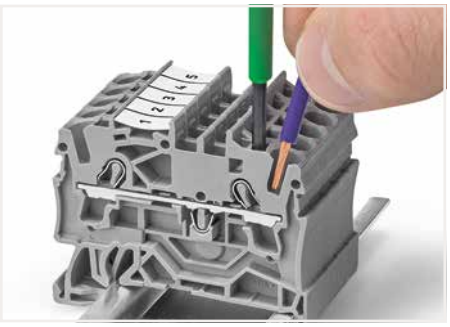
Set of operating tools with a partially insulated shaft; Type 1, (2.5 x 0.4) mm blade; Type 2, (3.5 x 0.5) mm blade; Type 3, (5.5 x 0.8) mm blade	
210-722	1

Operating tool; Blades: 3.5 mm and 2.5 mm; for installation terminal blocks (TOPJOB® S)		
	Item No.	Pack. Unit
	2009-309	50 (1)

Operating tool; Blades: 3.5 mm and 5.5 mm; for installation terminal blocks (TOPJOB® S)		
	2009-310	50 (1)

T-wrench with a partially insulated shaft		
	Item No.	Pack. Unit
	285-172	1

T-wrench with a partially insulated shaft and anti-rotation protection		
	285-173	1



The blade of this operating tool with a partially insulated shaft is ideal for operating front-entry terminal blocks.

Open the clamping unit using an operating tool.

T-wrench with a partially insulated shaft and anti-rotation protection (285-173)

Set of operating tools in a box (210-722)

Cable Cutter

Cable cutter; for copper and aluminum cables up to 35 mm² (2 AWG)		
	Item No.	Pack. Unit
	206-118	10 (1)

Cutting a cable.

Cable Stripper

Cable knife; for Ø 8 … 28 mm / 0.31 … 1.10 inch; with a unique, changeable cable bracket system; including cable bracket

	Item No.	Pack. Unit
	206-1403	1

Cable knife set; for Ø 4 … 70 mm / 0.16 … 2.75 inch; including all cable brackets in a Sortimo® Box

	Item No.	Pack. Unit
	206-1400	1

Never use this tool on or near live electrical circuits!

To replace the cable bracket, use the new bracket as an operating tool and pull it upwards.

Item-Specific Accessories

Cable bracket; for Ø 4 … 16 mm / 0.16 … 0.63 inch

206-1411 1

Cable bracket; for Ø 8 … 28 mm / 0.31 … 1.10 inch

206-1412 1

Cable bracket; for Ø 27 … 35 mm / 1.06 … 1.38 inch

206-1413 1

Cable bracket; for Ø 35 … 50 mm / 1.38 … 1.97 inch

206-1414 1

Cable bracket; for Ø 50 … 70 mm / 1.97 … 2.75 inch

206-1415 1

The cutting depth of the hook blade can be adjusted with the slider.

Accessories

Spare inside blade

206-1418 1

Spare hook blade

206-1419 1

The cutting depth of the inner knife can be adjusted with the screw.

Strip large cross sections with the hook blade.

Release the fuse before using the hook blade.

Cable Stripper

In-socket cable stripper; for Ø 8 … 13 mm / 5/16 … 1/2 inch

	Item No.	Pack. Unit
	206-1441	1

Universal cable stripper; for Ø 8 … 13 mm / 5/16 … 1/2 inch

	Item No.	Pack. Unit
	206-1442	1

Data cable stripper; for Ø 4.5 … 10 mm / 3/16 … 3/8 inch

	Item No.	Pack. Unit
	206-1451	1

Product features:
- Extra long design and improved force transmission simplifies stripping in deep device connection sockets
- Special four-blade design for an even more precise round cut
- No cutting depth adjustment required
- TiN-coated blades, TÜV/GS tested
- Ø 8 … 13 mm / 5/16 … 1/2 inch
- Strips all standard round cables, including NYM 3 x 1.5 mm²/16 AWG … 5 x 2.5 mm²/14 AWG

Sheath stripping: longitudinal cut

Product features:
- Secure grip achieved with soft padding for non-slip grips
- Technically improved functionality
- New locking mechanism prevents the unwanted opening of the tool
- Absolutely straightforward, quick and easy longitudinal cuts – with innovative internal cable duct
- Redesigned blade layout and intake to stop cable waste from jamming the tool
- Durable and ergonomically designed pocket clip
- Ø 8 … 13 mm / 5/16 … 1/2 inch

Product features:
- Strip outer insulation and foil sheathing with one tool
- Ideal for stripping PVC-insulated data cables with thin insulation (e.g., Cat. 5, Cat. 6, Cat. 7, twisted pair cable)
- TiN-coated blades
- Ø 4.5 … 10 mm / 3/16 … 3/8 inch

Stripping a cable sheath.

Built-in handy knife

Stripping a wire insulation.

Cable Stripper

Stripping pliers; for sensor cables; for Ø 3.2 … 4.4 mm / 0.13 … 0.17 inch

Item No.	Pack. Unit
206-1481	1

Item-Specific Accessories

Replacement blade set; for Ø 3.2 … 4.4 mm / 0.13 … 0.17 inch

206-1491 1

Stripping pliers; for control cables; for Ø 4.4 … 7 mm / 0.17 … 0.27 inch

Item No.	Pack. Unit
206-1482	1

Item-Specific Accessories

Replacement blade set; for Ø 4.4 … 7 mm / 0.17 … 0.27 inch

206-1492 1

Never use this tool on or near live electrical circuits!

The stripping pliers for sensor cables have a blade geometry specially designed for sensor cables with a smaller cross section and a working range from Ø 3.2 mm / 0.13 inch (for stranded cables and round cables with Ø 3.2 mm … 4.4 mm / 0.13 … 0.17 inch).

The stripping pliers for control cables are designed for stronger cables from Ø 4.4 mm / 0.17 inch (for stranded cables and round cables with Ø 4.4 mm … 7 mm / 0.17 … 0.27 inch).

These stripping pliers quickly and safely strip cables for connecting, e.g., sensor/actuator distribution boxes, bus couplers and pluggable connectors.

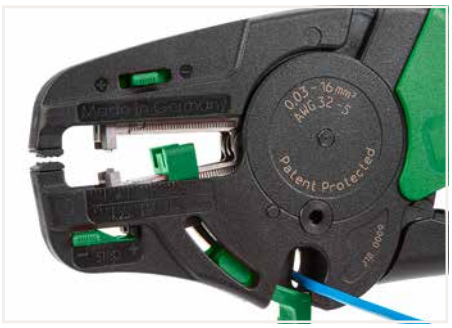
Suitable for:
- Halogen-free PUR sensor/actuator cables
- Highly flexible TPE-U cables
- Control cables
- PUR cables
- PUR/PVC cables
- PVC cables
- Multi-core cables
- Shielded and unshielded cables

Wire Stripper

Wire stripper “Quickstrip Vario”; 0.03 … 16 mm² / 34 … 6 AWG; with wire cutter		
	Item No.	Pack. Unit
	206-1125	1

Accessories

Blade set; Standard; 0.03 … 16 mm² / 34 … 6 AWG		
	206-1126	1
Blade set; V-blade; 0.14 … 4 mm² / 24 … 12 AWG		
	206-1127	1
Blade set; Oval blade; 10 … 16 mm² / 8 … 6 AWG		
	206-1128	1
Spare stripping stop		
	206-1129	1
Spare cut protector		
	206-1131	1
Spare clamping jaws		
	206-1132	1



Cutting a conductor.

Partially stripping a conductor.

Wire Stripper:
- Automatically adjust to conductor size
- Stripping blades cause no damage to conductor strands
- Gripping pressure of jaws adjusts automatically to conductor insulation diameter
- Clamping jaws and stripping blades automatically open once the stripping process is completed – no splaying of the conductor strands
- Exact strip length may be set by sliding black setting stop
- Stripping blades can be replaced
- Self-sharpening, fully protected cutter (replaceable)
- Entire body made of glass-fiber-reinforced polyamide
- Cutting capacity of the wire cutter of fine-stranded conductors up to 16 mm² (6 AWG)

Crimping Tool

Crimping tool "Variocrimp 4"; for insulated and uninsulated ferrules; Crimping range: 0.25 … 4 mm² (24 … 12 AWG)

	Item No.	Pack. Unit
	206-1204	1

Item-Specific Accessories

Spring clamp; large

206-1205 1

Spring clamp; small

206-1206 1

Crimping tool "Variocrimp 16"; for insulated and uninsulated ferrules; Crimping range: 6 mm² (10 AWG), 10 mm² (8 AWG) and 16 mm² (6 AWG)

	Item No.	Pack. Unit
	206-1216	1

Item-Specific Accessories

Spring clamp; small

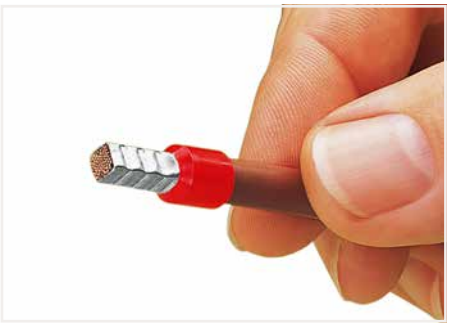
206-1206 1

Application notes:

- The built-in crimping pressure control of "Variocrimp 4" automatically adjusts the crimping force to the conductor cross section. Select the wire gauge on "Variocrimp 16" before crimping.
- Only one crimping station is needed to handle the specified conductor range.
- Uniform, compact crimping on all four sides for high conductor retention.
- No need to center the ferrules into the terminal blocks.
- Crimping can be performed from either side (for left- or right-handed users).
- Built-in ratchet mechanism ensures gas-tight crimp connection.
- Crimping tools open automatically after crimping operation is complete.
- Ergonomically designed handles.

Insert the ferruled conductor into the crimping station.

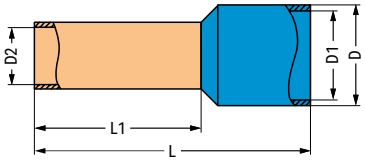
Squeeze handles until ratchet mechanism is released.



A perfect gas-tight crimp – both electrically and mechanically reliable

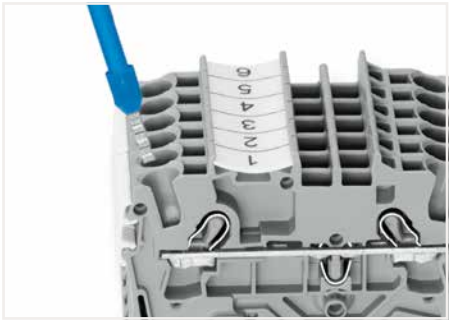
Only for "Variocrimp 16":
Adjust conductor cross section with crimping tool in open position.

Insulated ferrule; for Rail-Mount Terminal Block TOPJOB® S



Ferrule; insulated; electro-tin-plated; electrolytic copper; gastight crimped; per DIN 46288 (Part 4/09.09)

Conductor Cross Section	Color	Strip Length	L	L 1	D	D 1	D 2	Item No.	Pack. Unit
0.5 mm² / 20 AWG	white	12 mm / 0.47 inch	16	10	3,1	2,6	1	216-241	1000
0.75 mm² / 18 AWG	gray	12 mm / 0.47 inch	16	10	3,3	2,8	1,2	216-242	1000
0.75 mm² / 18 AWG	gray	14 mm / 0.55 inch	18	12	3,3	2,8	1,2	216-262	1000
1 mm² / 18 AWG	red	12 mm / 0.47 inch	16	10	3,5	3	1,4	216-243	1000
1 mm² / 18 AWG	red	14 mm / 0.55 inch	18	12	3,5	3	1,4	216-263	1000
1.5 mm² / 16 AWG	black	12 mm / 0.47 inch	16	10	4	3,5	1,7	216-244	1000
1.5 mm² / 16 AWG	black	14 mm / 0.55 inch	18	12	4	3,5	1,7	216-264	1000
1.5 mm² / 16 AWG	black	20 mm / 0.79 inch	24	18	4	3,5	1,7	216-284	500
2.5 mm² / 14 AWG	blue	12 mm / 0.47 inch	17	10	4,7	4,2	2,2	216-246	1000
2.5 mm² / 14 AWG	blue	14 mm / 0.55 inch	19	12	4,7	4,2	2,2	216-266	1000
2.5 mm² / 14 AWG	blue	20 mm / 0.79 inch	25	18	4,7	4,2	2,2	216-286	500
4 mm² / 12 AWG	gray	14 mm / 0.55 inch	20	12	5,4	4,8	2,8	216-267	500
4 mm² / 12 AWG	gray	20 mm / 0.79 inch	26	18	5,4	4,8	2,8	216-287	100
6 mm² / 10 AWG	yellow	14 mm / 0.55 inch	20	12	6,9	6,3	3,5	216-208	100
6 mm² / 10 AWG	yellow	20 mm / 0.79 inch	26	18	6,9	6,3	3,5	216-288	100
10 mm² / 8 AWG	red	20 mm / 0.79 inch	28	18	8,4	7,6	4,5	216-289	100
16 mm² / 6 AWG	blue	23 mm / 0.91 inch	28	18	9,6	8,8	5,8	216-210	100



Fine-stranded conductors with ferrules from at least two sizes below the rated cross section up to the rated cross section can also be simply pushed in – without tools.

Crimping Tool

Crimping tool 25; for insulated and uninsulated ferrules; crimping range: 10 mm² (8 AWG), 16 mm² (6 AWG) and 25 mm² (4 AWG)

	Item No.	Pack. Unit
	206-1225	1

Crimping tool 50; for insulated and uninsulated ferrules; crimping range: 35 mm² (2 AWG) and 50 mm² (1/0 AWG)

	Item No.	Pack. Unit
	206-1250	1

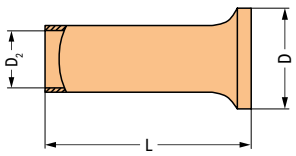
Application notes:
- Improved crimping for higher conductor retention
- Crimping can be performed from either side (for left- or right-handed users).
- Built-in ratchet mechanism ensures gas-tight crimp connection.
- Crimping tools open automatically after crimping operation is complete.
- Ergonomically designed handles.

Insert the ferruled conductor into the crimping station.

Squeeze handles until ratchet mechanism is released.

What is a “gas-tight” connection?
In a gas-tight connection, the conductor and the ferrule are compressed, eliminating all spaces. Under normal atmospheric conditions, neither a liquid nor gaseous medium can penetrate the crimped connection.
Oxidation between crimped single conductors is prevented, virtually eliminating the possibility of any increase in the crimped connection’s resistance. In some exceptional cases, minute, isolated spaces may be present. However, these instances can be considered as closed off due to the twisted conductor.
Inadequate crimping can allow the conductor to be pulled out of the connection. Hollow spaces also remain, permitting oxidation formation and an increase in contact resistance.
Elevated resistance is detrimental for both signal transmission (signal flow is damped) and power transmission, resulting in power loss and contact heating (risk of fire).
Crimping tools with built-in ratchets are recommended (e.g., WAGO Crimping Tools). These tools open automatically after the crimping operation is complete. Space-saving crimping from all four sides is ideal for spring clamp termination.
Ferruled conductor cross sections specified for WAGO products are based on this crimping method.

Uninsulated Ferrule



Ferrule; uninsulated; electro-tin-plated; electrolytic copper; gastight crimped; per DIN 46288 (Part 4/09.09)

Conductor Cross Section	Strip Length	L	D	D 2	Item No.	Pack. Unit
25 mm² / 4 AWG	25 mm / 0.98 inch	25	9,5	7,3	**216-413**	50
35 mm² / 2 AWG	25 mm / 0.98 inch	25	11	8,3	**216-414**	50
35 mm² / 2 AWG	30 mm / 1.18 inch	30	11	8,3	**216-424**	50
50 mm² / 1/0 AWG	30 mm / 1.18 inch	30	13	10,3	**216-425**	50
50 mm² / 1/0 AWG	35 mm / 1.38 inch	35	13	10,3	**216-435**	50

Test and Measurement Devices
206 Series

Testboy; with integrated flashlight, non-contact voltage tester		
	Item No.	Pack. Unit
	206-804	6 (1)

A device that will reliably detect AC voltage in cables, sockets, fuses, switches, outlets and other installations. Testboy can detect the following:
- Live conductors
- Cable breaks
- Blown fuses (in cartridges or holders)
- Defective switches
- Defective lamps in strings of lights

Test and Measurement Devices
206 Series

Profi-LCD+; 2-pole voltage tester with LCD display; removable 4 mm Ø test probes

	Item No.	Pack. Unit
	206-707	1

Additional Profi-LCD+ features:
- Automatic measurement range selection
- Single-pole phase testing AC >100 V
- Two-pole sequence testing (R and L)
- Continuity testing
- RDC/RCD testing (30 mA) via buttons
- One-hand operation for SCHUKO® and CEE sockets
- LED torch lamp function
- Automatic backlight
- Auto power-off function
- CAT IV 1000 V
- TÜV/GS tested and approved
- IEC/EN 61243-3 (DIN VDE 0682-401)

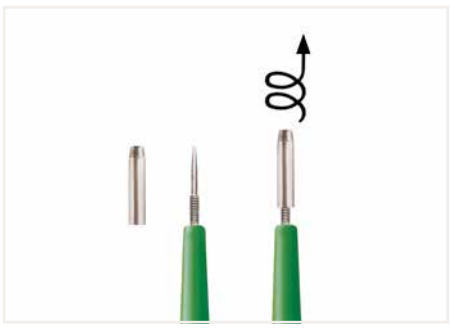
Profi-LED+; 2-pole voltage tester with LED display; removable 4 mm Ø test probes

	Item No.	Pack. Unit
	206-706	1

Additional Profi-LED+ features:
- Automatic measurement range selection
- Single-pole phase testing AC >100 V
- Two-pole sequence testing (R and L)
- Continuity testing
- RDC/RCD testing (30 mA) via buttons
- One-hand operation for SCHUKO® and CEE sockets
- LED torch lamp function
- CAT IV 1000 V
- TÜV/GS tested and approved
- IEC/EN 61243-3 (DIN VDE 0682-401)

Spare test probes; 4 mm Ø (2 pieces)

	Item No.	Pack. Unit
	206-808	1

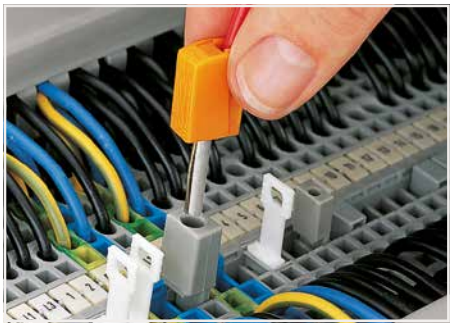


Profi-LED+:
- Improved socket contact via 4 mm Ø test probes
- Removable test probes for small test ports (suitable for all WAGO Terminal Blocks)

Banana Plug (Only for Safety Extra-Low Voltage)
215 Series

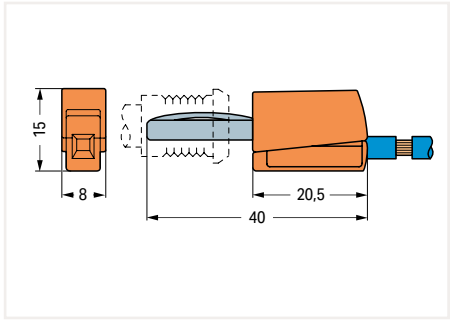
Technical Data	
0.08 … 2.5 mm²	28 … 14 AWG
max. 42 V	
Test current: 20 A	
Measuring range category: CAT I	
9 … 11 mm / 0.35 … 0.43 inch	

Conductor termination: Press button fully, insert stripped conductor into square entry and release.



Testing via banana plug.
Picture shows a test plug adapter (209-170).

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow		
	Item No.	Pack. Unit
	215-111	50



Dimensions in mm

Banana plug; single

Banana plug; for 4 mm socket diameter			
	orange	215-211	50

Banana plug; for 4 mm socket diameter			
	red	215-212	50

Banana plug; for 4 mm socket diameter			
	black	215-311	50

Banana plug; for 4 mm socket diameter			
	green	215-411	50

Banana plug; for 4 mm socket diameter			
	yellow	215-511	50

Banana plug; for 4 mm socket diameter			
	white	215-611	50

Banana plug; for 4 mm socket diameter			
	blue	215-711	50

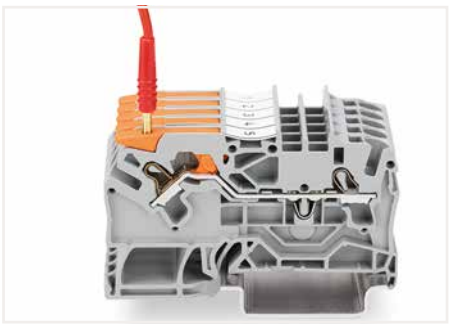
Banana plug; for 4 mm socket diameter			
	gray	215-811	50

Banana plug; for 4 mm socket diameter			
	green-yellow	215-911	50

Test Plug
210 Series

Test plug; with 500 mm cable; 2 mm Ø; max. 42 V		
Color	Item No.	Pack. Unit
red	210-136	50 (1)

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V		
Color	Item No.	Pack. Unit
yellow	210-137	50 (1)



Testing with a 2 mm Ø test plug (max. 42 V).

Testing with a 2.3 mm Ø test plug (max. 42 V).

Item Number Index

Item Number Index

Item Number Index

Item Number Index

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Version: 02/2020
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0888-2002/0400-6901 - Catalog TOPJOB® S 2020 US - 04/2020-00 - Printed in Germany - Subject to changes