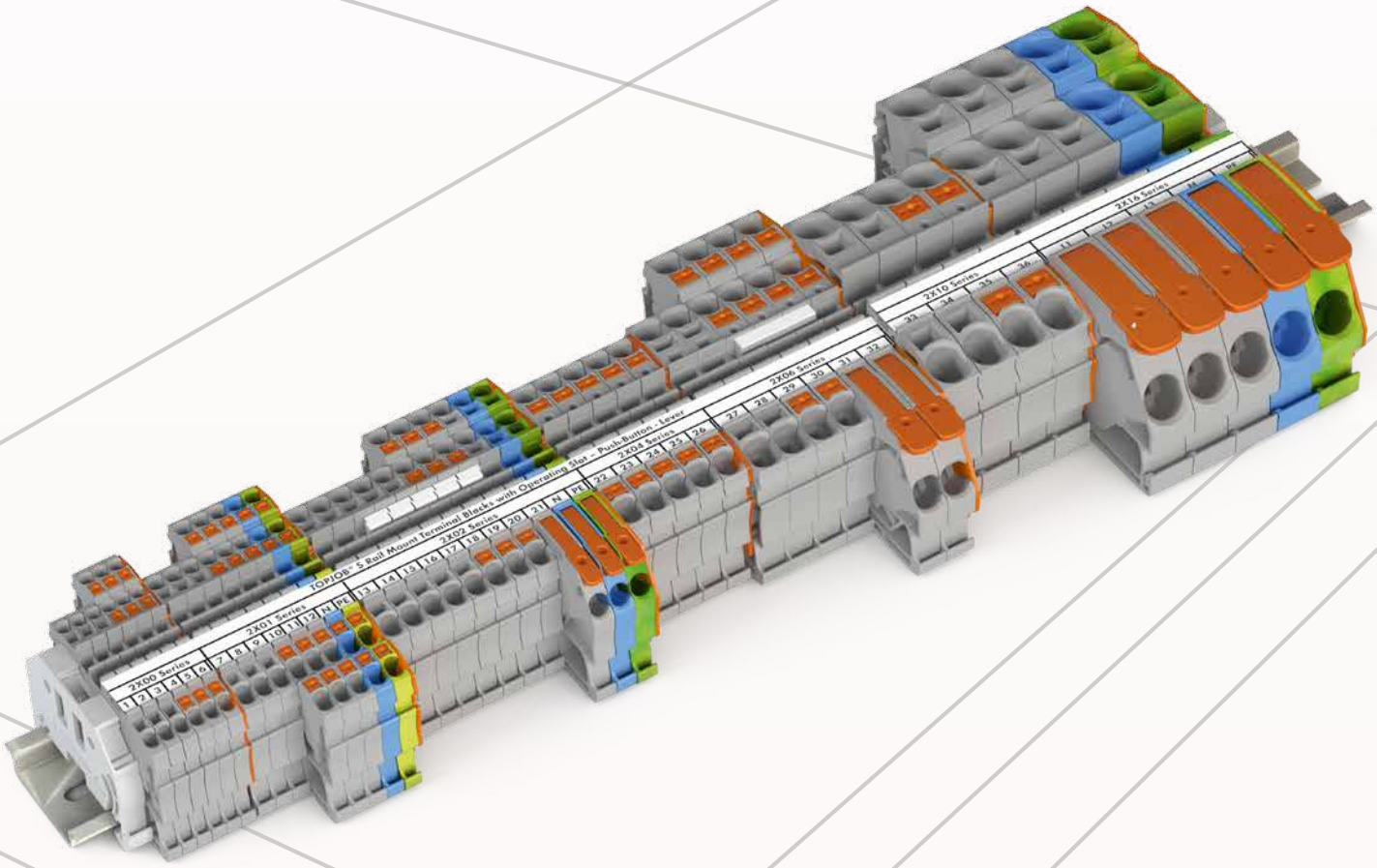
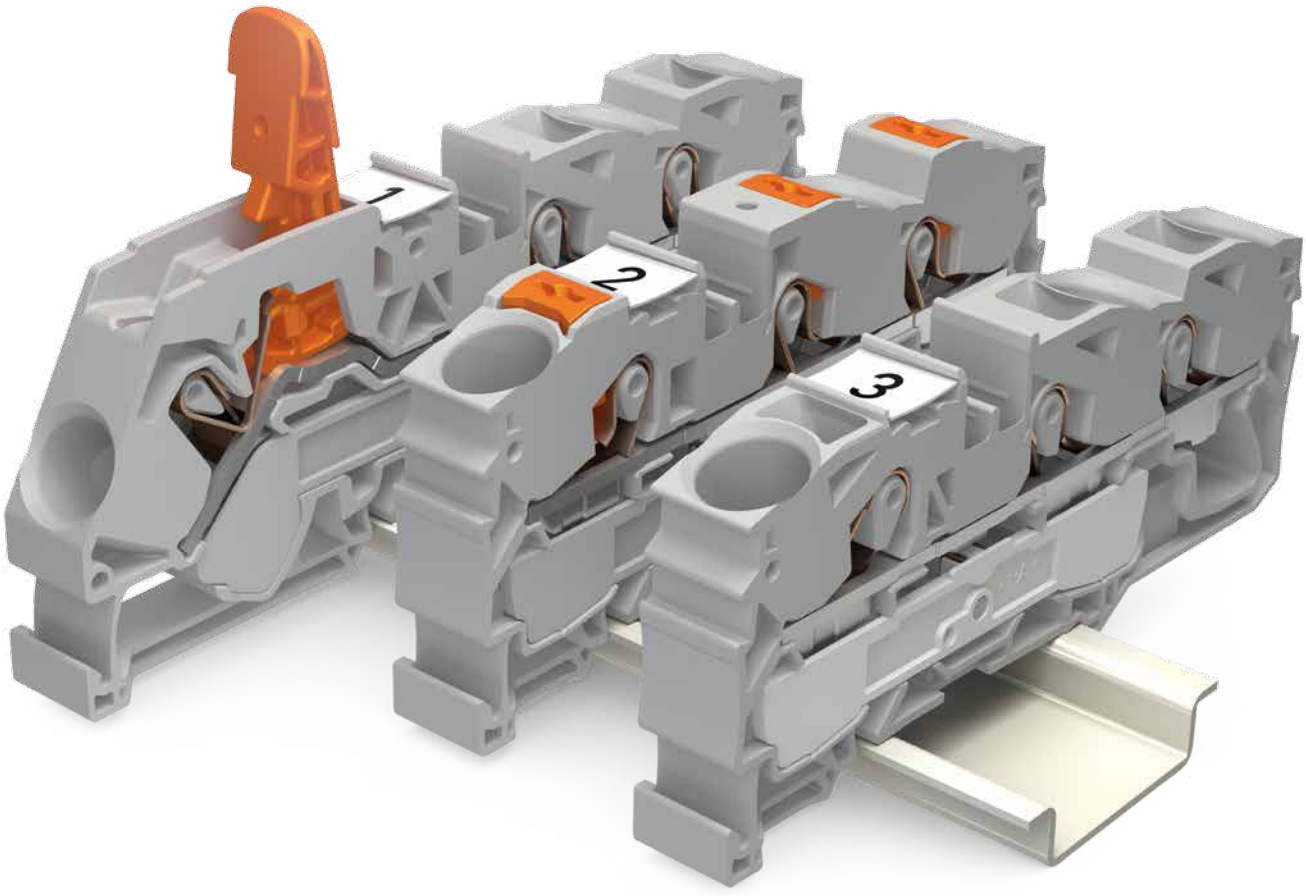
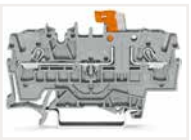
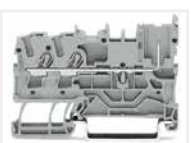
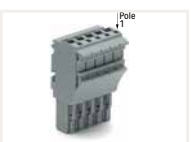
TOPJOB® S Rail-Mount Terminal Block Systems

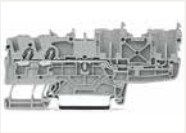
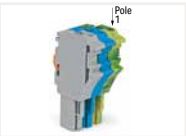
Edition 2018



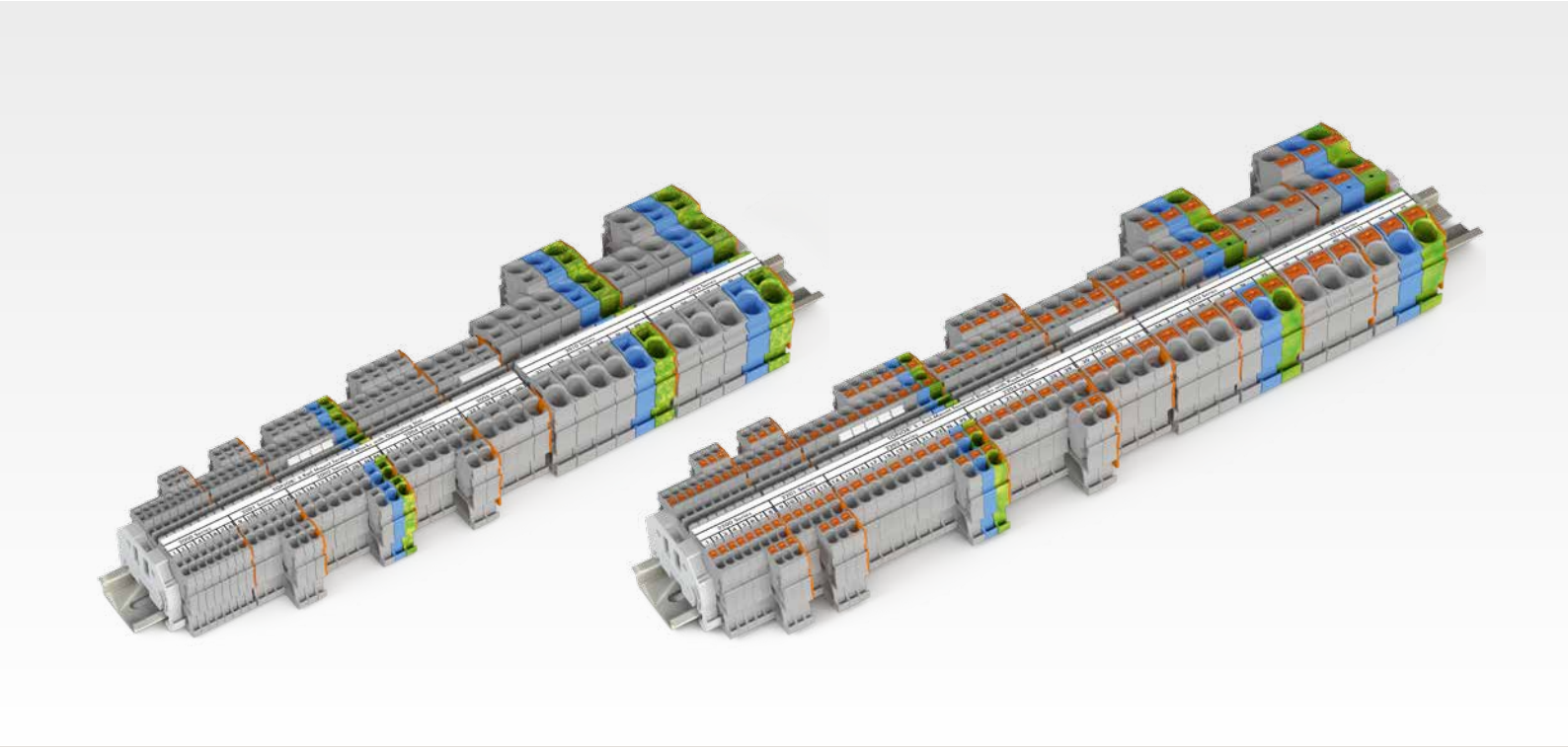

1
2
3

TOPJOB® S
The Rail-Mount Terminal Block System

			Page
	**Through and Ground Conductor Terminal Blocks with Levers and Push-in CAGE CLAMP®** **Through and Ground Conductor Terminal Blocks with Levers and Push-Buttons** 0.25 … 16 (25 “f-st”) mm² (22 … 4 AWG)	2102/2106/2116 Series 2102/2106/2116 Series	8 11
	**Through and Ground Conductor Terminal Blocks with Push-Buttons** 0.14 … 16 (25 “f-st”) mm² (24 … 4 AWG)	2200 … 2216 Series	14
	**Through, Ground/Shield Conductor and Ex Terminal Blocks** 0.14 … 16 (25 “f-st”) mm² (24 … 4 AWG) **Multilevel Rail-Mount Terminal Blocks** 1 (1.5) mm² (16 AWG) and 2.5 (4) mm² (12 AWG)	2000 … 2016 Series 2000/2002 Series	32 46
	**Disconnect/Test/Fuse Terminal Blocks and Through Terminal Blocks of Same Profile** **Fused Disconnect Terminal Blocks with a Pivoting Fuse Holder** 0.25 … 2.5 (4) mm² (22 … 12 AWG) and 0.5 … 6 (10) mm² (20 … 8 AWG)	2002 and 2006/2007 Series	72
	**Fuse Plugs on Carrier Terminal Blocks**	2004/2006 Series	106
	**Sensor and Actuator Terminal Blocks** 0.14 … 1 (1.5) mm² (24 … 16 AWG)	2000/2020 Series	112
	**Diode and LED Terminal Blocks** 0.25 … 4 (6) mm² (22 … 10 AWG) **Multilevel Diode and LED Terminal Blocks** 0.25 … 2.5 (4) mm² (22 … 12 AWG)	2001/2002/2004 Series 2002 Series	120 126
	**Diode, LED Modules and Empty Component Plug Housings**	2002 Series	130
	**X-COM®S-SYSTEM-MINI** **Through and Ground Conductor Carrier Terminal Blocks and Double-Deck Carrier Terminal Blocks** 0.14 … 1 (1.5) mm² (24 … 16 AWG)	2020 Series	158
	**1- and 2-Conductor Female Plugs** **Female Plugs for Self-Assembly and 1- and 2- Conductor Female Plugs with Locking Levers and Strain Relief Plates** 0.14 … 1 (1.5) mm² (24 … 16 AWG)	2020 Series	162
	**X-COM®S-SYSTEM** **Through and Ground Conductor Carrier Terminal Blocks and Double-Deck Carrier Terminal Blocks** 0.25 … 2.5 (4) mm² (22 … 12 AWG)	2022 Series	174
	**1-Conductor Female Plugs** **Female Plugs for Self-Assembly and 1-Conductor Female Plugs with Locking Levers and Strain Relief Plates** 0.25 … 2.5 (4) mm² (22 … 12 AWG)	2022 Series	178

			Page
	**X-COM®S-SYSTEM, for Ex Applications** **Through and Ground Conductor Carrier Terminal Blocks and Double-Deck Carrier Terminal Blocks** 0.25 … 2.5 (4) mm² (22 … 12 AWG)	2022 Series	186
	**1-Conductor Female Plugs** 0.25 … 2.5 (4) mm² (22 … 12 AWG)	2022 Series	190
	**Multilevel Installation Terminal Blocks N-Disconnect Slide Links and Internal N-Disconnect** 0.25 … 2.5 (4) mm² (22 … 12 AWG)	2003 Series	196
	**Multilevel Installation Terminal Blocks with N-Disconnect Slide Links** 0.5 … 4 (6) mm² (20 … 10 AWG)	2005 Series	204
	**Supply Terminal Blocks for Distribution Boxes** 0.5 … 16 (25 “f-st”) mm² (20 … 4 AWG)	2016 Series	208
	**Accessories for Rail-Mount Terminal Blocks, TOPJOB® S**		140
	**Through and Ground Conductor Terminal Blocks** 6 … 35 mm² (10 … 2 AWG)	285 Series	214
	**Through and Ground Conductor Terminal Blocks** **Through Terminal Blocks with Mounting Flanges** 10 … 50 (70) mm² (8 … 2/0 AWG)	285 Series	218
	**Through and Ground Conductor Terminal Blocks** **Through Terminal Blocks with Mounting Flanges** 25 … 95 mm² (4 … 4/0 AWG)	285 Series	220
	**Through and Ground Conductor Terminal Blocks** **Through Terminal Blocks with Mounting Flanges** 50 … 185 mm² (1/0 AWG … 350 kcmil)	285 Series	222
	**Marking Systems**		230
	**Carrier Rails, Collective Jumper Carriers and Rail-Mount Terminal Block Covers** **Tools**		234

3 WAYS TO WIRE = 1 FAMILY

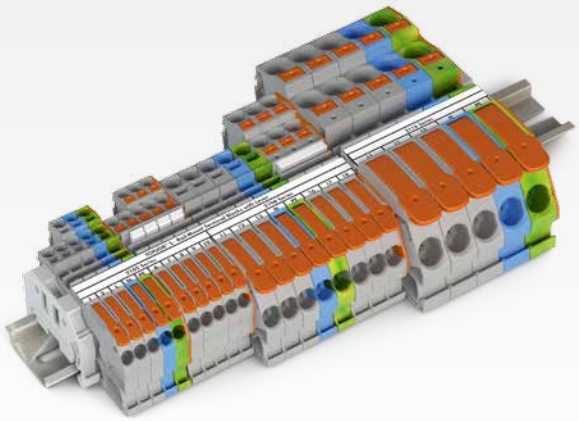


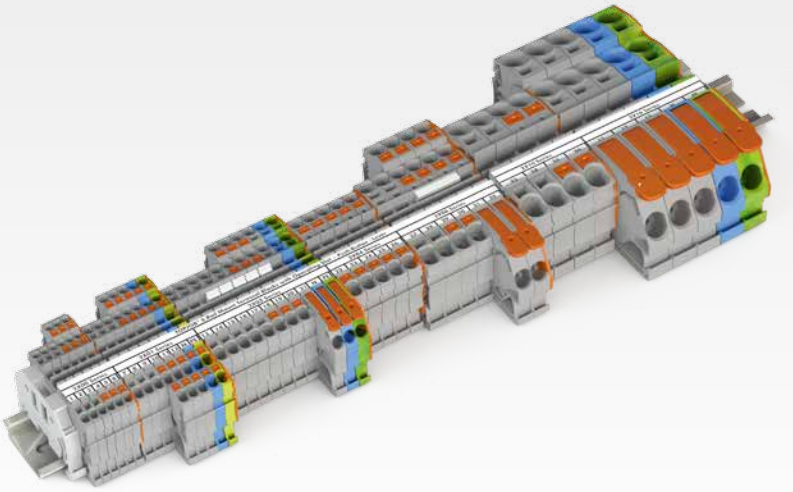
Operating Slot

- 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





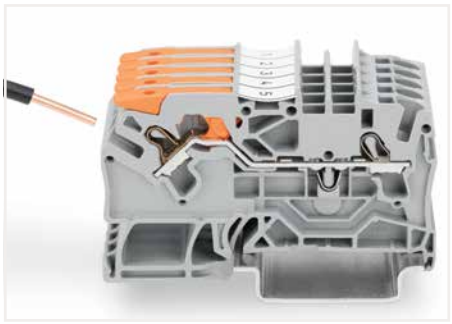
Lever

- 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

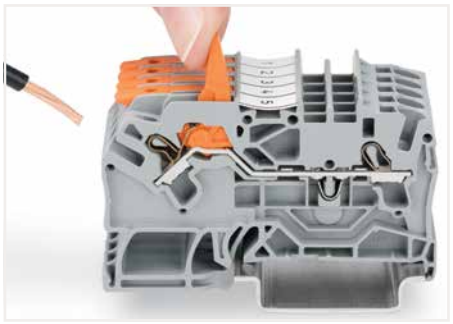
- All three actuation variants can be combined with each other
- Push-in termination of solid, stranded and ferruled conductors for all variants
- Marking strips and WMB markers provide continuous marking possibilities
- One existing range of jumpers for all three variants
- Test options for all variants

Rail-Mount Terminal Blocks with Lever and Push-in CAGE CLAMP®
2102, 2106 and 2116 Series
Description and Installation



Push-in termination of solid conductors

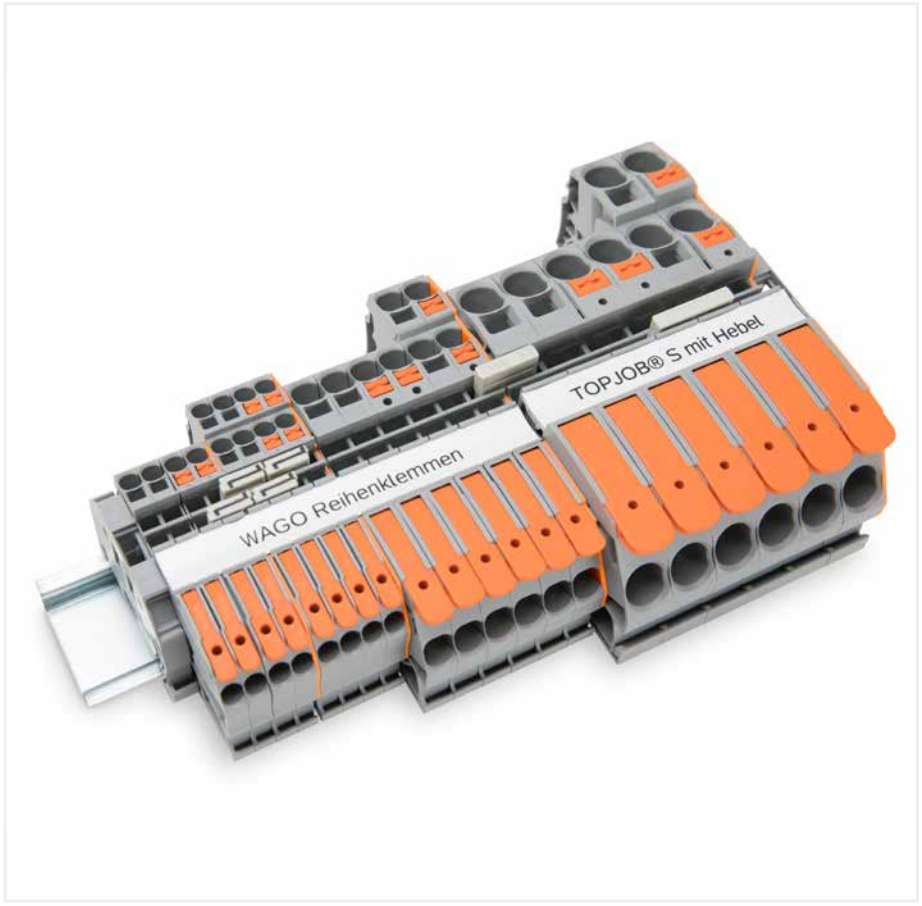
Push-in termination of ferruled conductors

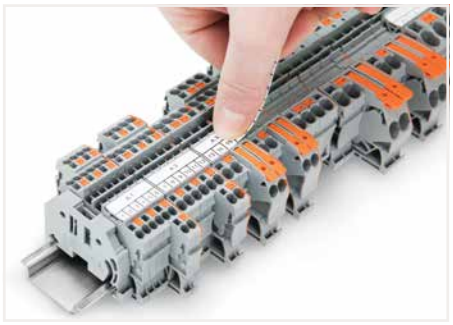


Pull the lever up until it stops, then connect the stranded conductor.

Push the lever back down – done!

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





Marking strips:
Snapping a strip into the marker slots.

WMB Inline markers:
Snapping a strip into the marker slots.

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

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

stranded

fine-stranded, also with tinned single strands

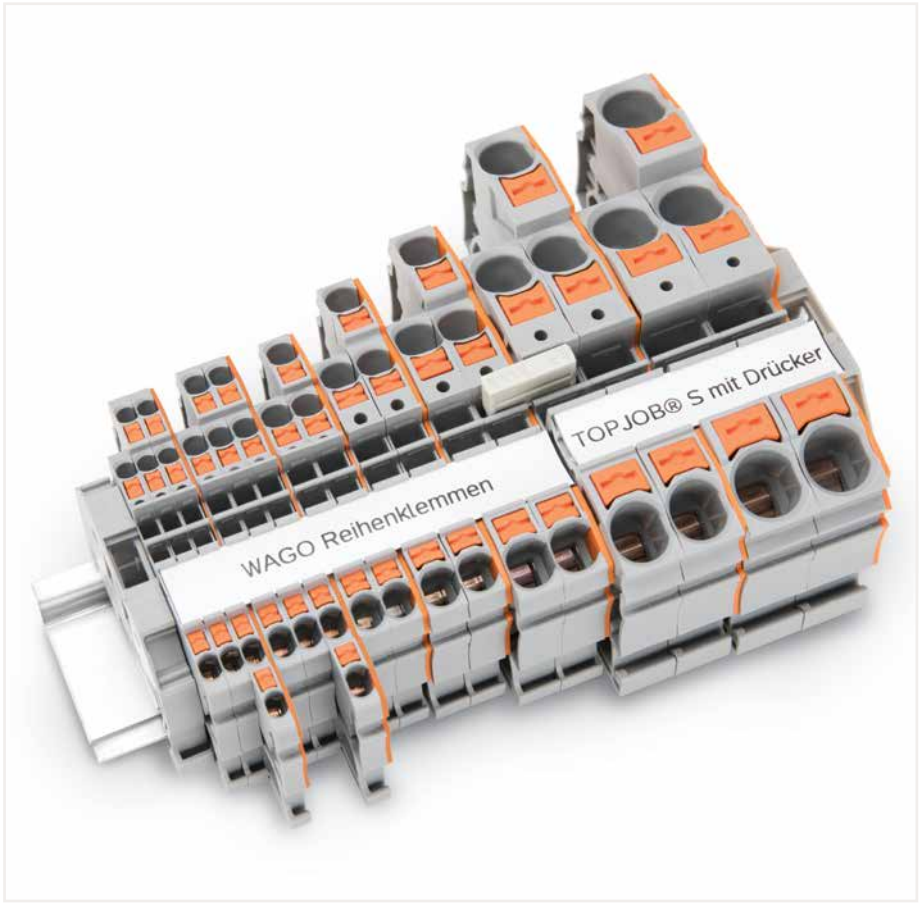
PUSH-IN CAGE CLAMP®

Rail-Mount Terminal Blocks with Push-Button and Push-in CAGE CLAMP®
2200 to 2216 Series
Description and Installation

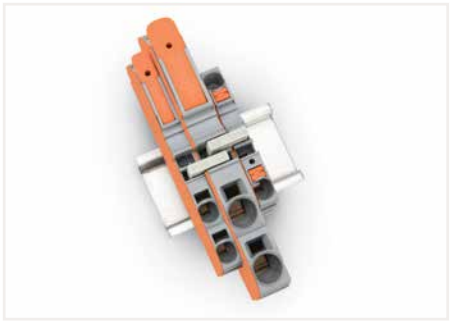

Push-in termination of solid and ferruled conductors

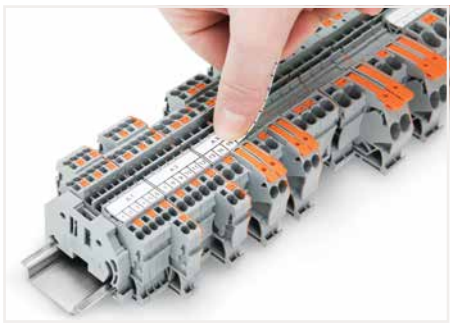

Terminating fine-stranded conductors via operating tool


Removing all conductors via operating tool




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


Commoning with step-down jumpers


Marking strips:
Snapping a strip into the marker slots.


WMB Inline markers:
Snapping a strip into the marker slots.


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


fine-stranded,
tip-bonded

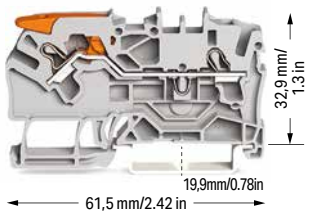

fine-stranded,
with ferrule
(gastight crimped)

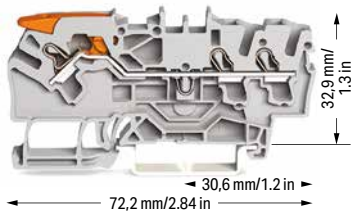

fine-stranded,
with pin terminal
(gastight crimped)

Through and Ground Conductor Terminal Block; with Levers and Push-in CAGE CLAMP®
TOPJOB® S; 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: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

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 146
Testing accessories, from page 140
Marking, from page 230

" 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	100
blue	2102-1204 ❸	100

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

Color	Item No.	Pack. Unit
gray	2102-1301	100
blue	2102-1304 ❸	100

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

green-yellow	2102-1207	100

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

green-yellow	2102-1307	100

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 TOPJOB® S connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

TOPJOB® S 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

Through and Ground Conductor Terminal Block; with Levers and Push-in CAGE CLAMP®

TOPJOB® S; 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-in CAGE CLAMP®

Color	Item No.	Pack. Unit
gray	2106-1201	50
blue	2106-1204 ❸	50

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

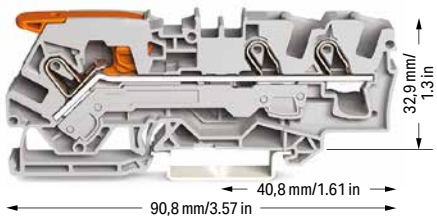
green-yellow	2106-1207	50

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-in CAGE CLAMP®

Color	Item No.	Pack. Unit
gray	2106-1301	25
blue	2106-1304 ❸	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	2106-1392	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 TOPJOB® S 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

❶ Conductor range: 0.5 … 10 mm² “s+f-st”
Push-in termination: 1 … 10 mm² “s”
and 1.5 … 6 mm²
“insulated ferrules, 12 mm”

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 149
Testing accessories, from page 142
Marking, from page 230

“ Approvals and corresponding ratings, visit www.wago.com

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

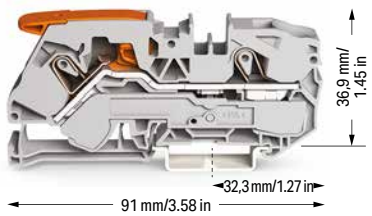
❶ Conductor range: 0.5 … 16 mm² “s+f-st”, 25 mm² “f-st”;
Push-in termination: 2.5 … 16 mm² “s” and 2.5 … 16 mm² “insulated ferrules, 18 mm”

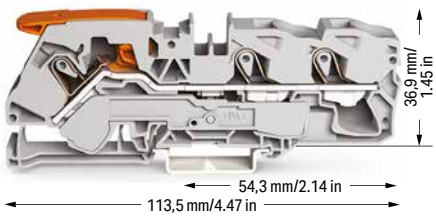
❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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

“ Please observe the application notes:
Jumpers, from page 149
Testing accessories, from page 143
Marking, from page 230

“ 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®

green-yellow		2116-1207	20

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

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 41 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 41 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)

Finger guard; touch-proof cover protects unused conductor entries

yellow	2016-100	100 (25)

Modular TOPJOB® S 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

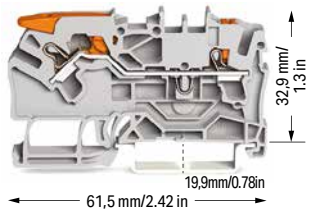
plain	793-5501	5

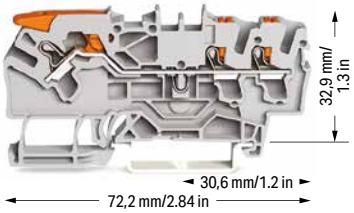
Through and Ground Conductor Terminal Block; with Lever and Push-Button

TOPJOB® S; 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: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

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 146
Testing accessories, from page 140
Marking, from page 230

“ Approvals and corresponding ratings, visit www.wago.com

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

Color	Item No.	Pack. Unit
gray	2102-5201	100
blue	2102-5204 ❸	100

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

Color	Item No.	Pack. Unit
gray	2102-5301	100
blue	2102-5304 ❸	100

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

green-yellow	2102-5207	100

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

green-yellow	2102-5307	100

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)

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

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)

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; 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

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

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

Modular TOPJOB® S 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 TOPJOB® S 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

Through and Ground Conductor Terminal Block; with Lever and Push-Button
TOPJOB® S; 6 (10) mm²; 2106 Series

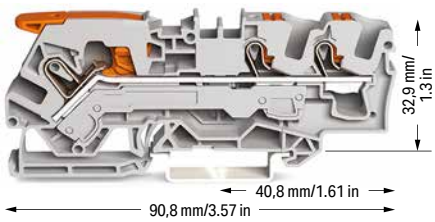
Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
800 V/8 kV/3 ❷	
I_N 41 A (55 A)	
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	

2-conductor through terminal block; with lever and push-button		
Color	Item No.	Pack. Unit
gray	2106-5201	50
blue	2106-5204 ❸	50

2-conductor ground terminal block; with lever and push-button		
green-yellow	2106-5207	50

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)

❶ Conductor range: 0.5 … 10 mm² "s+f-st"
Push-in termination: 1 … 10 mm² "s"
and 1.5 … 6 mm²
"insulated ferrules, 12 mm"

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 149
Testing accessories, from page 142
Marking, from page 230

" Approvals and corresponding ratings, visit www.wago.com

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 TOPJOB® S 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

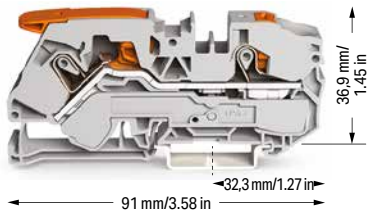
WMB Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm			
	plain	793-5501	5

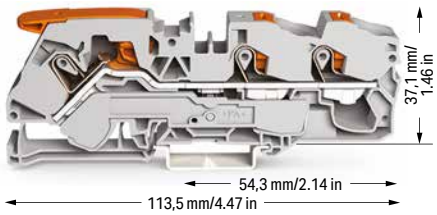
Through and Ground Conductor Terminal Block; with Lever and Push-Button

TOPJOB® S; 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: 2.5 … 16 mm² “s” and 2.5 … 16 mm² “insulated ferrules, 18 mm”

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 149
Testing accessories, from page 143
Marking, from page 230

“ 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

green-yellow	2116-5207	20

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

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 41 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 41 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 TOPJOB® S 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

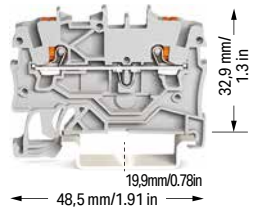
white	2009-110	1

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

plain	793-5501	5

Through and Ground Conductor Terminal Block; with Push-Button
TOPJOB® S; 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 (18 A)	
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

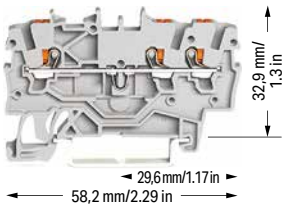


2-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2200-1201	100
blue	2200-1204 ❸	100

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 (18 A)	
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

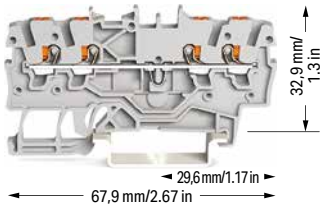


3-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2200-1301	100
blue	2200-1304 ❸	100

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 (18 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 TOPJOB® S connector; snaps together; for jumper contact slot Terminal block width: 5 mm / 0.197 inch			
gray	2000-511	100 (25)	

Modular TOPJOB® S 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 TOPJOB® S 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	

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V			
yellow	210-137	50	

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 Multi marking system; white; 10 strips with 10 markers/card; for 3.5 mm terminal block width			
plain	793-3501	5	

PUSH-IN CAGE CLAMP®

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”

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

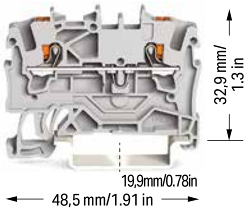
❸ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

“ Please observe the application notes:
Jumpers, from page 146
Testing accessories, from page 140
Marking, from page 230

“ Approvals and corresponding ratings,
visit www.wago.com

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



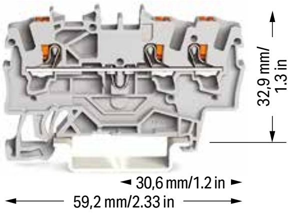
2-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2201-1201	100
blue	2201-1204 ❸	100

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	



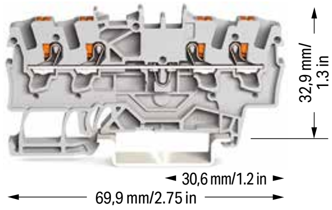
3-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2201-1301	100
blue	2201-1304 ❸	100

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

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

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 TOPJOB® S 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 TOPJOB® S connector; 1.5 mm thick		
gray	2001-541	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

Test plug; with 500 mm cable; 2.3 mm Ø; max. 42 V		
yellow	210-137	50

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: 0.5 … 2.5 mm² “s”
and 0.75 … 1.5 mm²
“insulated ferrules, 12 mm”

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 149
Testing accessories, from page 140
Marking, from page 230

“ Approvals and corresponding ratings, visit www.wago.com

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 4 … 4.2 mm

plain	**793-4501**	5

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

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

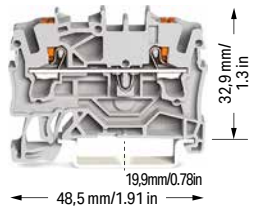
gray	**249-116**	100 (25)

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

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

Through and Ground Conductor Terminal Block; with Push-Button
TOPJOB® S; 2.5 (4) mm²; 2202 Series

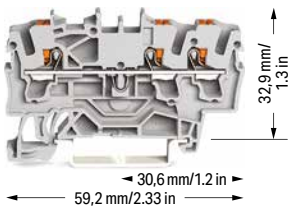
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
800 V/8 kV/3 ❷	
I_N 24 A (32 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

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

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

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

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)

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

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 146
Testing accessories, from page 140
Marking, from page 230

“ Approvals and corresponding ratings, visit www.wago.com

Accessories; 2202 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

Modular TOPJOB® S 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 TOPJOB® S 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

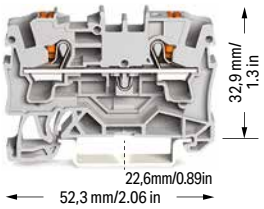
white **2009-110** 1

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

plain **793-5501** 5

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

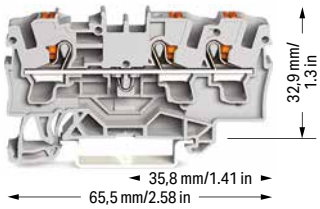
Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
800 V/8 kV/3 ❷	
I_N 32 A (41 A)	
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	



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

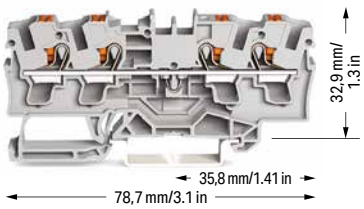
Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
800 V/8 kV/3 ❷	
I_N 32 A (41 A)	
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	



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	25

Modular TOPJOB® S 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 TOPJOB® S 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm			
	plain	793-5501	5

TOPJOB® S group marker carrier; snap-on type for jumper slot; 5 mm wide			
	gray	2009-191	50 (25)

PUSH-IN CAGE CLAMP®

❶ Conductor range: 0.5 … 6 mm² “s+f-st”
Push-in termination: 1 … 6 mm² “s”
and 0.75 … 4 mm²
“insulated ferrules, 12 mm”

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

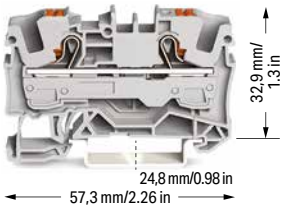
❸ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

“ Please observe the application notes:
Jumpers, from page 149
Testing accessories, from page 142
Marking, from page 230

“ Approvals and corresponding ratings,
visit www.wago.com

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

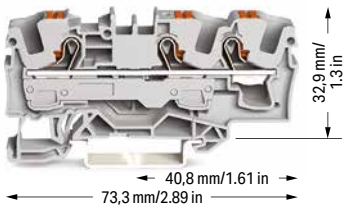
Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
800 V/8 kV/3 ❷	
I_N 41 A (57 A)	
Terminal block width: 7.5 mm / 0.295 inch	
13 … 15 mm / 0.51 … 0.59 inch	



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

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

❶ Conductor range: 0.5 … 10 mm² "s+f-st"
Push-in termination: 1 … 10 mm² "s"
and 1.5 … 6 mm²
"insulated ferrules, 12 mm"

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 149
Testing accessories, from page 142
Marking, from page 230

" Approvals and corresponding ratings, visit www.wago.com

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; 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

Modular TOPJOB® S 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm			
	plain	793-5501	5

Through and Ground Conductor Terminal Block; with Push-Button

TOPJOB® S; 10 (16) mm²; 2210 Series

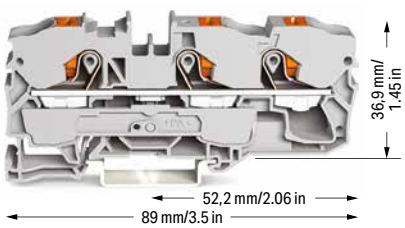
Technical Data	
0.5 … 10 (16) mm² ❶	20 … 6 AWG
800 V/8 kV/3 ❷	
I_N 57 A (76 A)	
Terminal block width: 10 mm / 0.394 inch	
17 … 19 mm / 0.67 … 0.91 inch	

2-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2210-1201	25
blue	2210-1204 ❸	25

2-conductor ground terminal block; with push-button		
green-yellow	2210-1207	25

Accessories; item-specific			
End and intermediate plate; 1 mm thick			
	orange	2010-1292	100 (25)
	gray	2010-1291	100 (25)

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 … 0.91 inch	



3-conductor through terminal block; with push-button		
Color	Item No.	Pack. Unit
gray	2210-1301	25
blue	2210-1304 ❸	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	2010-1392	100 (25)
	gray	2010-1391	100 (25)

❶ Conductor range: 0.5 … 16 mm² "s+f-st"
Push-in termination: 2.5 … 16 mm² "s"
and 2.5 … 10 mm²
"insulated ferrules, 18 mm"

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 149
Testing accessories, from page 142
Marking, from page 230

" Approvals and corresponding ratings, visit www.wago.com

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

Finger guard; touch-proof cover protects unused conductor entries			
	yellow	2010-100	100 (25)

Modular TOPJOB® S 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)

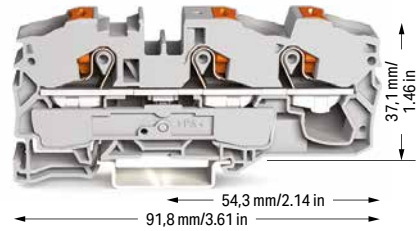
Marking strip; plain; 11 mm wide; 50 m reel			
	white	2009-110	1

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

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

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: 2.5 … 16 mm² “s” and 2.5 … 16 mm² “insulated ferrules, 18 mm”

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 149
Testing accessories, from page 143
Marking, from page 230

“ Approvals and corresponding ratings, visit www.wago.com

2-conductor through terminal block; with push-button

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

3-conductor through terminal block; with push-button

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

2-conductor ground terminal block; with push-button

green-yellow	2216-1207	50

3-conductor ground terminal block; with push-button

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 41 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 41 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 TOPJOB® S 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

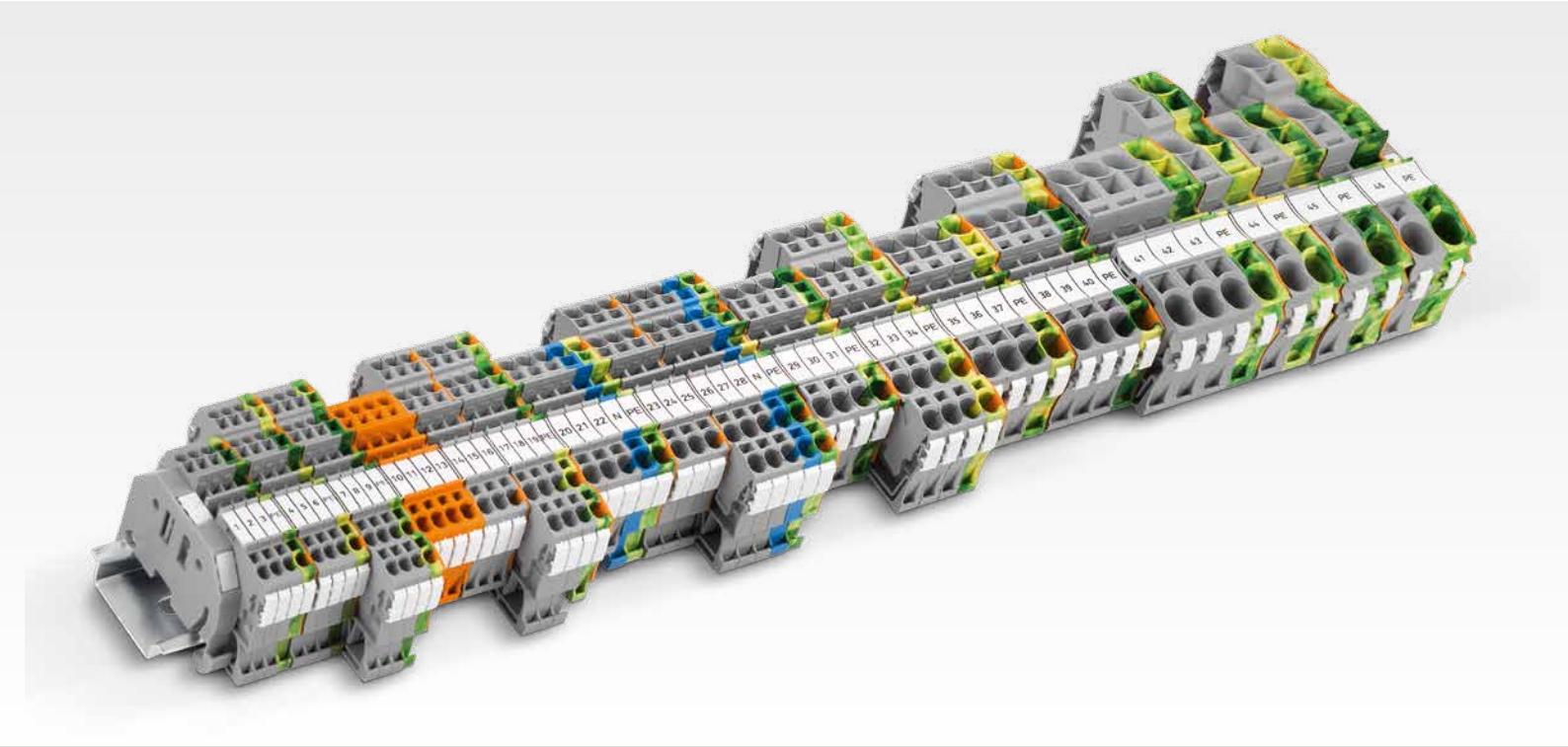
white	2009-110	1

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

plain	793-5501	5

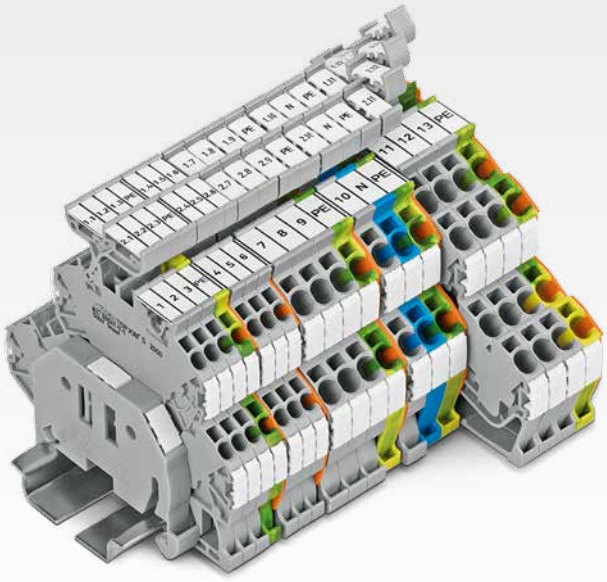
THROUGH TERMINAL BLOCKS

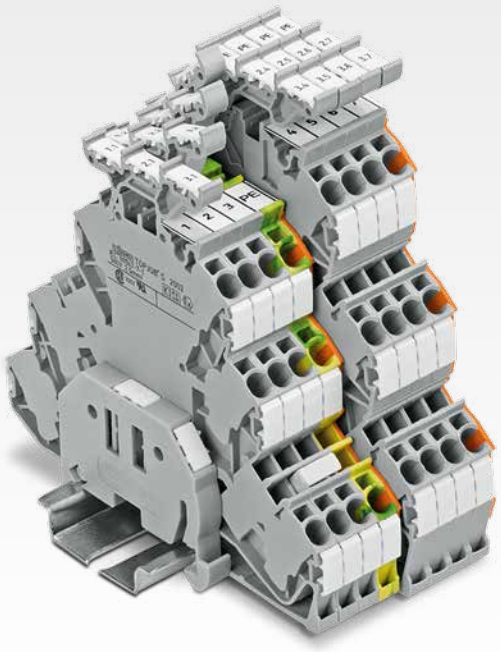
Single-Deck – Double-Deck – Triple-Deck



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 TOPJOB® S Through Terminal Blocks





Double-Deck Terminal Blocks

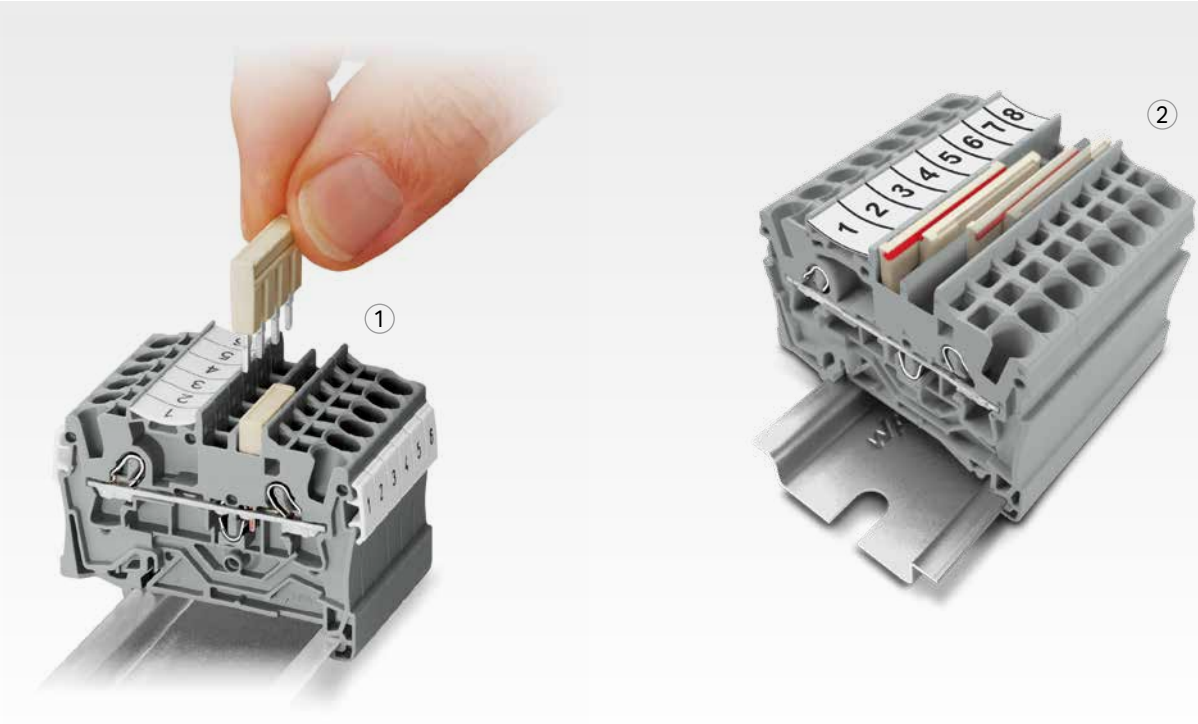
- Save space
- Just 3.5 mm wide to maximize space
- Rated for 800 V nominal voltage
- Pivoting marker carrier clearly identifies each clamping unit – even in the tightest areas
- Both decks can be commoned after wiring via pluggable vertical jumper

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

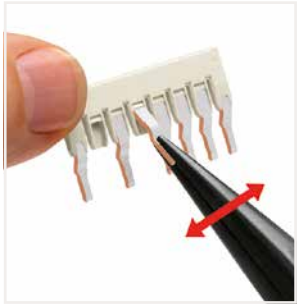
- Simply insert push-in type jumper bars into one of the center jumper slots.
- Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.
- Place the operating tool in the center of jumpers for up to five contacts, or alternately on both sides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

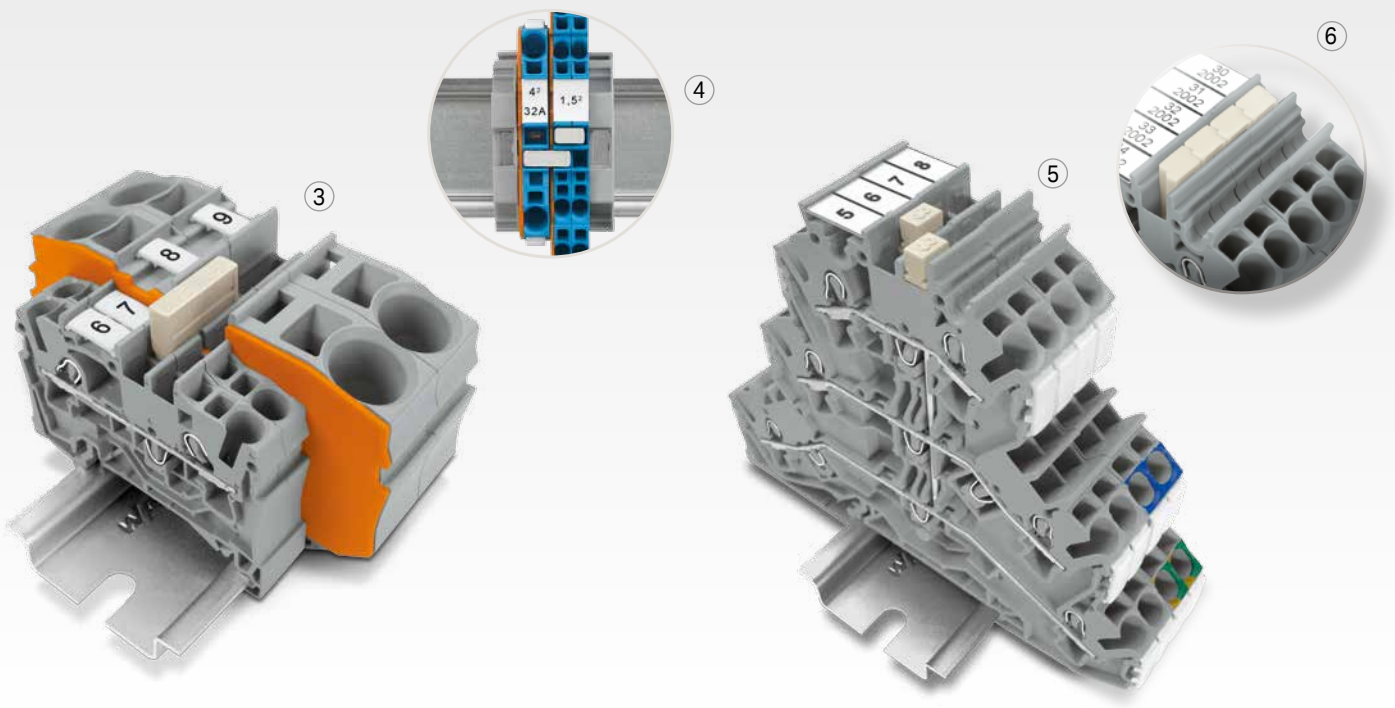
Standard jumpers offered by WAGO

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

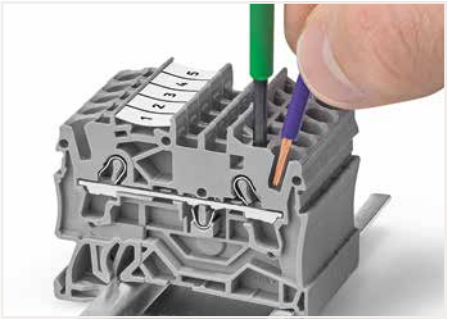
- Created for double- and triple-deck TOPJOB® S Terminal Blocks, the vertical jumpers can common two or three levels.

⑥ Adjacent Jumpers for Continuous Commoning

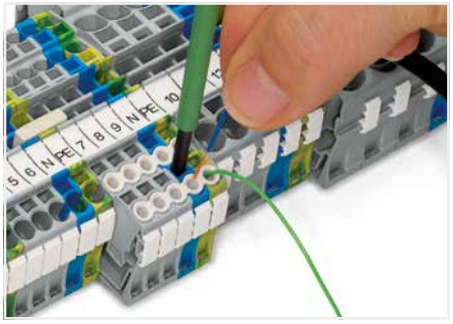
- Any number of 2002 Series Terminal Blocks can be commoned without a push-in type jumper bar (2- to 10-way).
- These jumpers are ideal for electric motor wiring or 4-conductor, double-deck rail-mount terminal blocks that only have one jumper slot per level. Connection is made by inserting each contact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

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

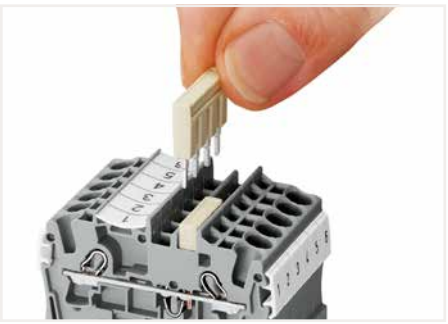
Terminating solid and ferruled conductors via push-in connection.



Terminating fine-stranded conductors via operating tool.

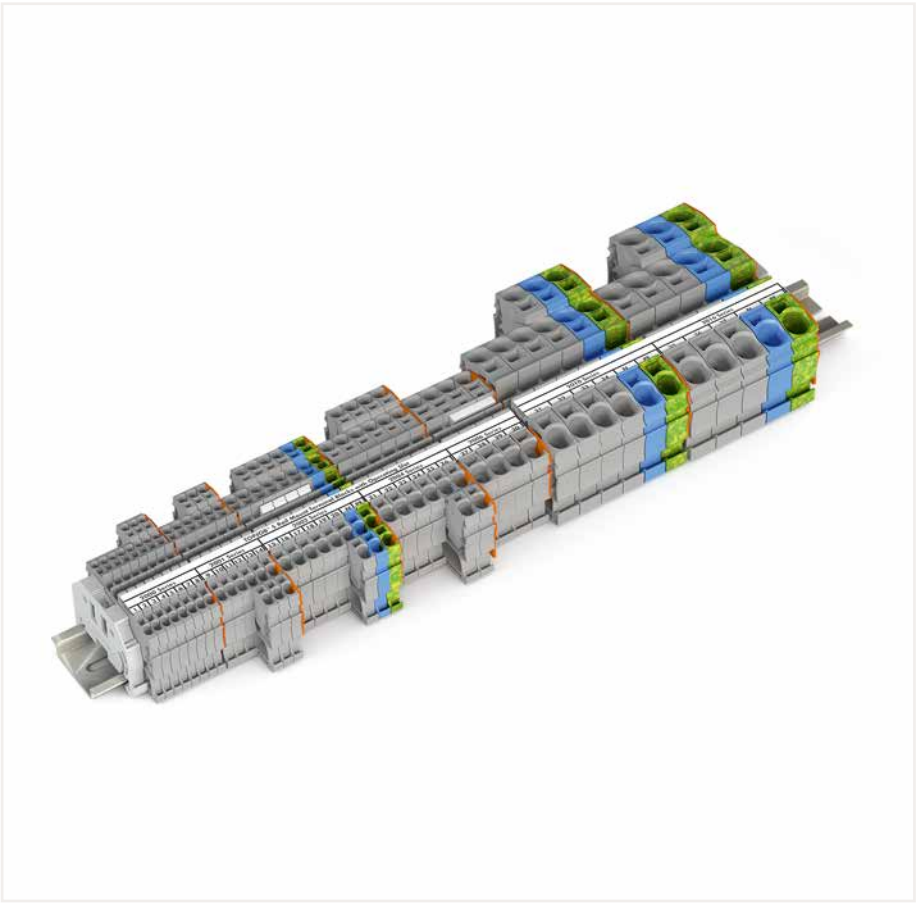


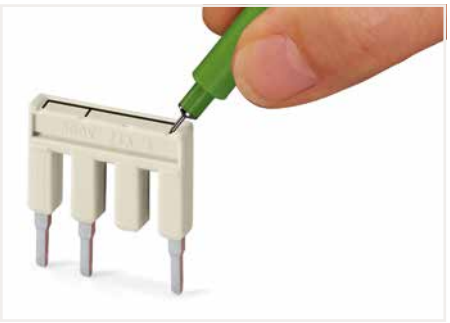
Conductor termination – insulation stop



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

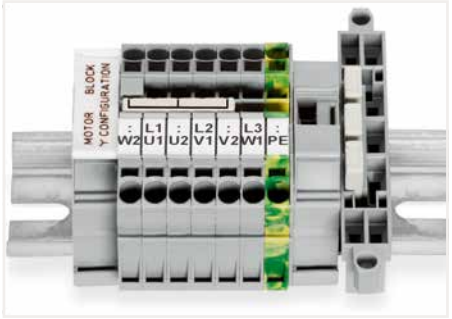
Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).





Push-In Type Jumper Bars
Marking with a felt-tip pen.

Commoning with Step-Down Jumpers



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

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

stranded

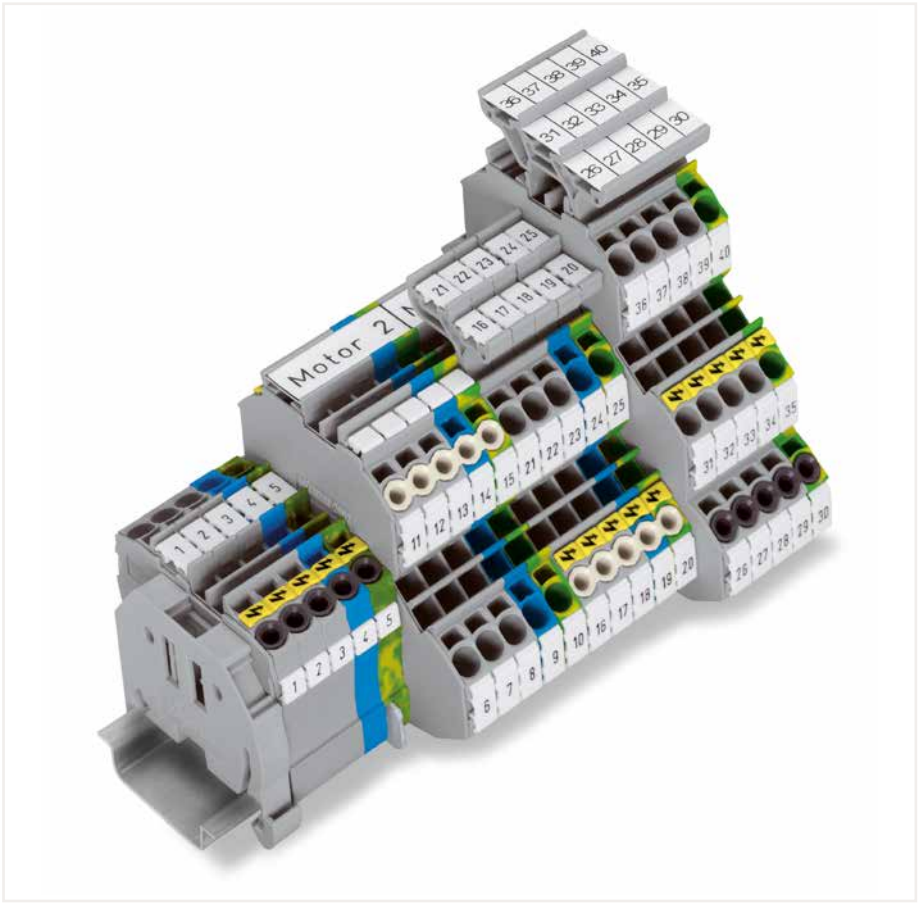
fine-stranded, also with tinned single strands

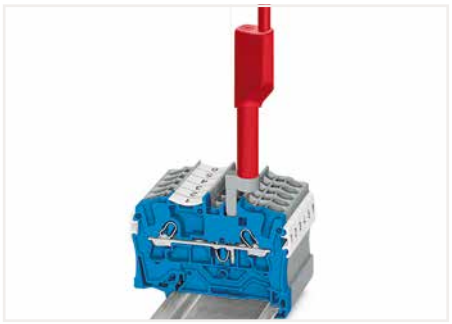
PUSH-IN CAGE CLAMP®

Rail-mount terminal block assembly for electric motor wiring

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

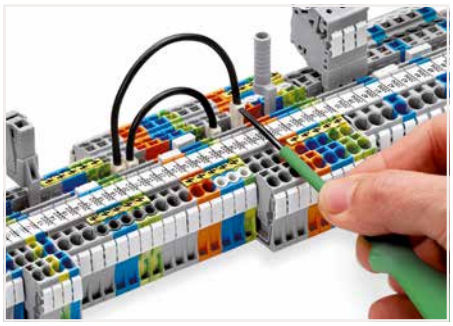
Testing tap (2009-182) for tool-free connection of test cables up to 2.5 mm² (12 AWG) – compatible with 2000 to 2016 Series



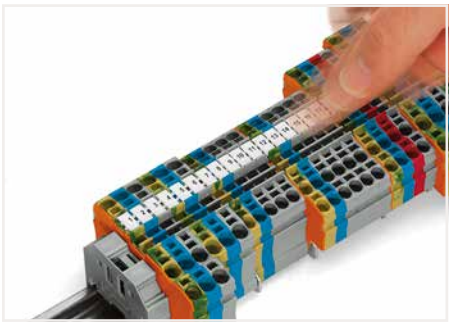


Test plug adapter (2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series

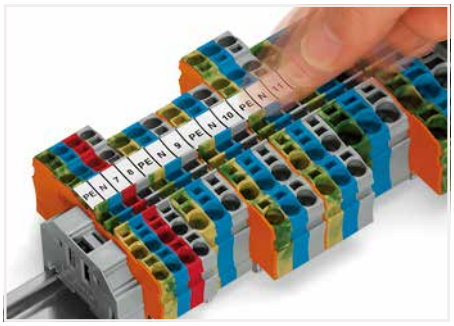
Group marker carrier (2009-163) for marking strips (2009-110)



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



WMB Inline markers
Snapping a strip into the marker slots.



Marking strips
Snapping a strip into the marker slots.

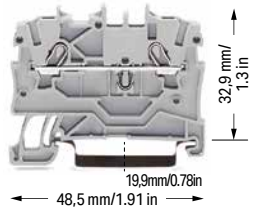
fine-stranded, tip-bonded

fine-stranded, with ferrule (gastight crimped)

fine-stranded, with pin terminal (gastight crimped)

Through/Ground Conductor/Ex and 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 (18 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

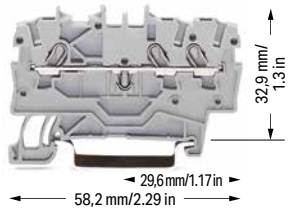
Accessories; item-specific

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)



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

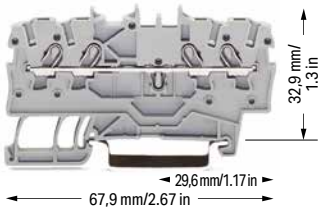
Accessories; item-specific

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)



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

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)

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

gray	2000-511	100 (25)

Modular TOPJOB® S 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 TOPJOB® S 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 (18 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”

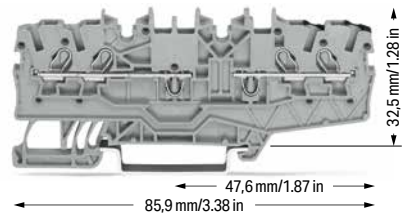
❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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

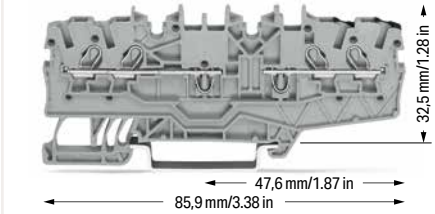
“ Please observe the application notes:
Separator for Ex e/Ex i applications, see page 29
Step-down jumpers, see page 41
Jumpers, from page 146
Testing accessories, from page 140
Marking, from page 230

“ 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	100



WAGO 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

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

yellow	210-137	50

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

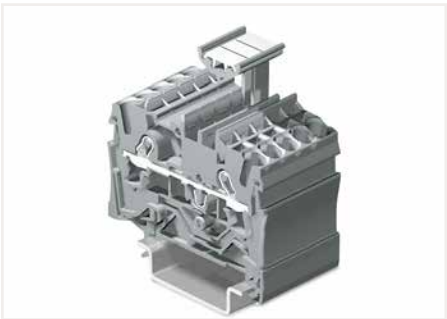
white	2009-113	1

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

white	2009-110	1

WMB Multi marking system; white; 10 strips with 10 markers/card; for 3.5 mm terminal block width

plain	793-3501	5



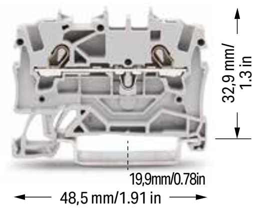
TOPJOB® S 2009-193 Group Marker Carrier (equipped with WMB Multi markers) for all 2001 to 2016 Series TOPJOB® S Rail-Mount Terminal Blocks
Do not use on an end plate!

Through/Ground Conductor/Shield Conductor/Ex and Double-Potential Terminal Block

TOPJOB® S; 1.5 (2.5) mm²; 2001 Series

2-conductor through terminal block

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	



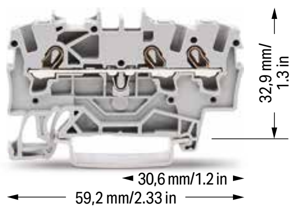
2-conductor through terminal block		
Color	Item No.	Pack. Unit
gray	2001-1201 ❹	100
blue	2001-1204 ❸ ❹	100
orange	2001-1202 ❹	100
red	2001-1203 ❹	100
black	2001-1205 ❹	100
yellow	2001-1206 ❹	100
2-conductor ground terminal block		
green-yellow	2001-1207 ❹	100
2-conductor shield terminal block		
white	2001-1208	100
Other terminal blocks with the same profile:		
Diode	2001-1211/1000-411	see page 120

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)



3-conductor through terminal block

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	



3-conductor through terminal block		
Color	Item No.	Pack. Unit
gray	2001-1301 ❹	100
blue	2001-1304 ❸ ❹	100
orange	2001-1302 ❹	100
red	2001-1303 ❹	100
black	2001-1305 ❹	100
yellow	2001-1306 ❹	100
3-conductor ground terminal block		
green-yellow	2001-1307 ❹	100
3-conductor shield terminal block		
white	2001-1308	100
Other terminal blocks with the same profile:		
Diode	2001-1311/1000-411	see page 120
LED	2001-1321/1000-434	see page 120

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)



4-conductor through terminal block

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	

4-conductor through terminal block		
Color	Item No.	Pack. Unit
gray	2001-1401 ❹	100
blue	2001-1404 ❸ ❹	100
orange	2001-1402 ❹	100
red	2001-1403 ❹	100
black	2001-1405 ❹	100
yellow	2001-1406 ❹	100
4-conductor ground terminal block		
green-yellow	2001-1407 ❹	100
4-conductor shield terminal block		
white	2001-1408	100
Other terminal blocks with the same profile:		
Diode	2001-1411/1000-411	see page 120
LED	2001-1421/1000-434	see page 120

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

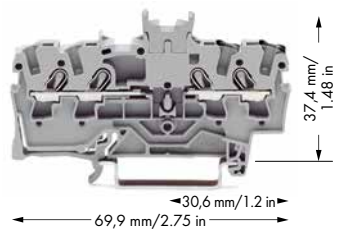
Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²		
light gray	2001-171	200 (25)
Protective warning marker; with black high-voltage symbol; for 5 terminal blocks		
yellow	2001-115	100 (25)
Step-down jumper; insulated; commons 6/4 mm² (10/12 AWG) to 4/2.5/1.5 mm² (12/14/16 AWG); I_N 32 A		
light gray	2006-499	25



Push-in type 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 double, center marking level

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

❶ Conductor range: 0.25 … 2.5 mm² “s+f-st”
Push-in termination: 0.5 … 2.5 mm² “s”
and 0.75 … 1.5 mm²
“insulated ferrules, 12 mm”

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 29
Step-down jumpers, see page 41
Jumpers, from page 149
Testing accessories, from page 140
Marking, from page 230

“ 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

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; 2001 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

Modular TOPJOB® S 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 TOPJOB® S 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

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

yellow	210-137	50

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

white	2009-114	1

Accessories; 2001 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

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

white	2009-110	1

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

plain	793-4501	5

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

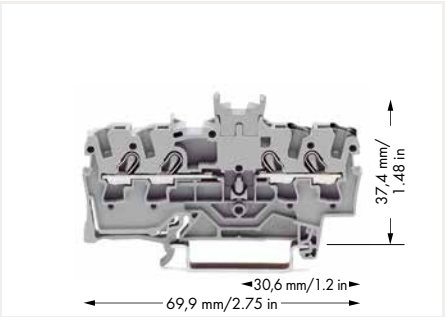
yellow	793-4501/000-002	5
red	793-4501/000-005	5
blue	793-4501/000-006	5
gray	793-4501/000-007	5
orange	793-4501/000-012	5
light green	793-4501/000-017	5
Green	793-4501/000-023	5
violet	793-4501/000-024	5

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

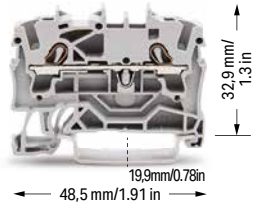
gray	249-117	50 (25)



Notice: These double-potential terminal blocks cannot be commoned with push-in type jumper bars!
WAGO 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/Ground Conductor/Shield Conductor/Ex and 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	see page 122

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	see page 122
LED	2002-1321/1000-434	see page 122

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	see page 122
LED	2002-1421/1000-434	see page 122

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)

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

yellow	2002-115	100 (25)

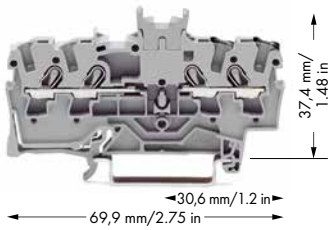
Push-in type jumper bar; insulated; I_N 25 A; light gray

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

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 level

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

❶ Conductor range: 0.25 … 4 mm² "s+f-st"
Push-in termination: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

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 29
Step-down jumpers, see page 41
Jumpers, from page 146
Testing accessories, from page 140
Marking, from page 230

" 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

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; 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	

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	

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; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

Modular TOPJOB® S 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 TOPJOB® S connector; 1.5 mm thick

gray	2002-541	100 (25)	

TOPJOB® S L-type test plug module; snaps together

gray	2002-611	100 (25)	

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

gray	2002-649	100 (25)	

End plate; for modular TOPJOB® S 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

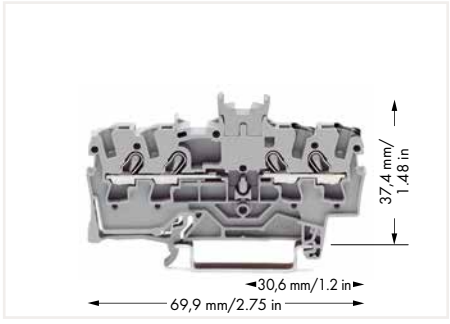
white	2009-115	1	

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

white	2009-110	1	

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

plain	793-5501	5	



Notice: These double-potential terminal blocks cannot be commoned with push-in type jumper bars!
WAGO 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.

Through/Ground Conductor/Shield Conductor/Ex 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: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

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 29
Step-down jumpers, see page 41
Jumpers, from page 146
Testing accessories, from page 140
Marking, from page 230

" 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 ❸❹	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 TOPJOB® S 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 TOPJOB® S connector; 1.5 mm thick

gray	2002-541	100 (25)

TOPJOB® S L-type test plug module; snaps together

gray	2002-611	100 (25)

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

gray	2002-649	100 (25)

End plate; for modular TOPJOB® S 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

Through/Ground Conductor/Ex 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/3❷	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: These terminal blocks cannot be commoned with push-in type jumper bars!		
Color	Item No.	Pack. Unit
gray	2002-6401 ❹	100
blue	2002-6404 ❸❹	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: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

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 29
Marking, from page 230

" Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

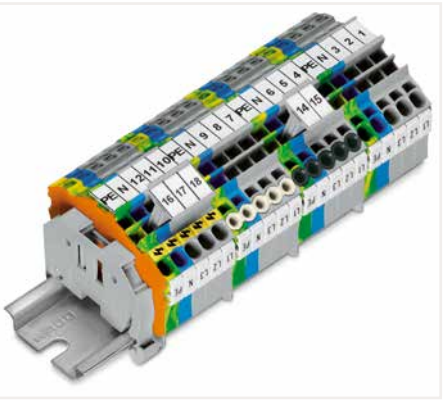
WMB Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm			
	plain	793-5501	5

WMB Multi marking system; plain; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm			
	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)

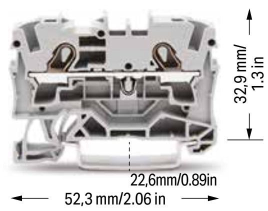
3- and 4-conductor terminal blocks (angled type)
WAGO's TOPJOB® S Rail-Mount Terminal Blocks have a 35-degree conductor entry angle permitting a very small bend radius and an extremely short wiring distance to the cable duct. These are space- and cost-saving solutions for switchgear and control cabinet 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/Ground Conductor/Shield Conductor/Ex 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 cURus
I_N 32 A (41 A)	600 V, 30 A CSA
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 (Ex)	2004-1201 ❹	50
blue (Ex)	2004-1204 ❸ ❹	50
orange (Ex)	2004-1202 ❹	50
red (Ex)	2004-1203 ❹	50
black (Ex)	2004-1205 ❹	50
yellow (Ex)	2004-1206 ❹	50

2-conductor ground terminal block		
green-yellow (Ex)	2004-1207 ❹	50

2-conductor shield terminal block		
white	2004-1208	50

Other terminal blocks with the same profile:		
Diode	2004-1211/1000-401	see page 124

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 cURus
I_N 32 A (41 A)	600 V, 30 A CSA
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 (Ex)	2004-1301 ❹	50
blue (Ex)	2004-1304 ❸ ❹	50
orange (Ex)	2004-1302 ❹	50
red (Ex)	2004-1303 ❹	50
black (Ex)	2004-1305 ❹	50
yellow (Ex)	2004-1306 ❹	50

3-conductor ground terminal block		
green-yellow (Ex)	2004-1307 ❹	50

3-conductor shield terminal block		
white	2004-1308	50

Other terminal blocks with the same profile:		
Diode	2004-1311/1000-401	see page 124

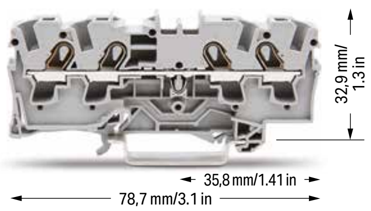
Accessories; item-specific

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 cURus
I_N 32 A (41 A)	600 V, 30 A CSA
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 (Ex)	2004-1401 ❹	50
blue (Ex)	2004-1404 ❸ ❹	50
orange (Ex)	2004-1402 ❹	50
red (Ex)	2004-1403 ❹	50
black (Ex)	2004-1405 ❹	50
yellow (Ex)	2004-1406 ❹	50

4-conductor ground terminal block		
green-yellow (Ex)	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	see page 124

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 … 6 mm² "s"
and 0.75 … 4 mm²
"insulated ferrules, 12 mm"

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 29
Step-down jumpers, see page 41
Jumpers, from page 149
Testing accessories, from page 142
Marking, from page 230

" Approvals and corresponding ratings, visit www.wago.com

Accessories; 2004 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

Modular TOPJOB® S 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 TOPJOB® S 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

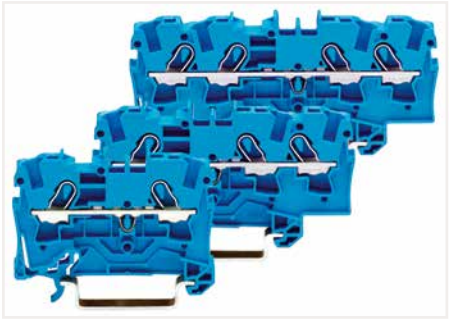
white | **2009-110** | 1

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

plain | **793-5501** | 5

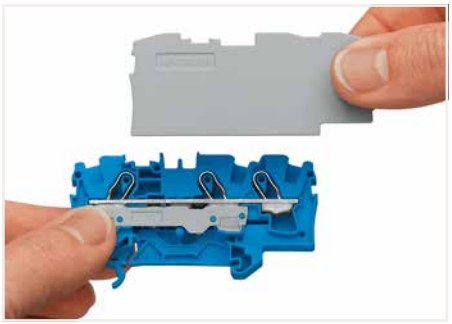
TOPJOB® S group marker carrier; snap-on type for jumper slot; 5 mm wide

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

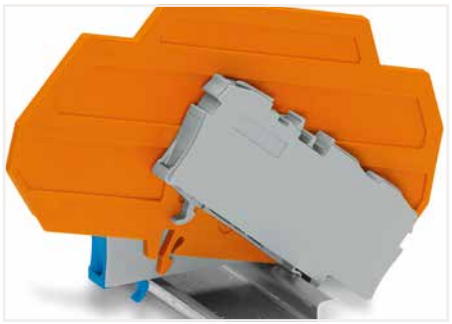


Through terminal blocks with a blue insulated housing are suitable for Ex i applications.

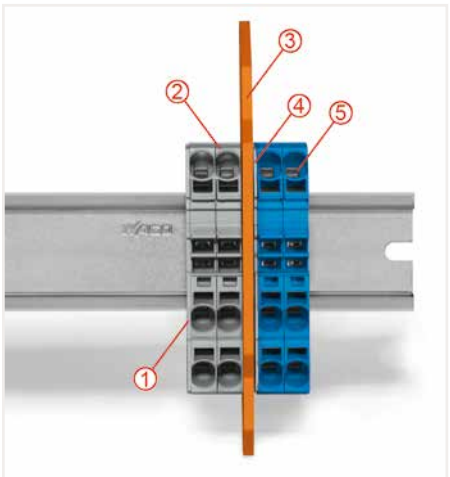
All through and ground conductor terminal blocks are suitable for Ex e II applications.



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.

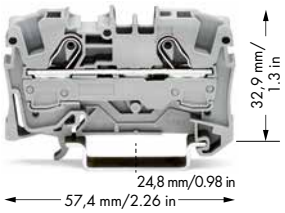


Separator located between Ex e II and Ex i terminal strip
① End plate
② Ex e II terminal blocks
③ Separator for Ex e/Ex i applications
④ End plate
⑤ Ex i terminal blocks

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.

Through/Ground Conductor/Shield Conductor/Ex 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	

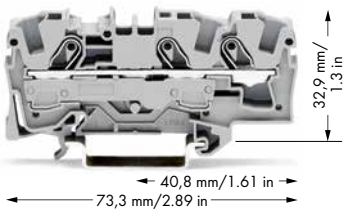


2-conductor through terminal block		
Color	Item No.	Pack. Unit
gray	2006-1201 ❹	50
blue	2006-1204 ❸ ❹	50
orange	2006-1202 ❹	50

2-conductor ground terminal block		
green-yellow	2006-1207 ❹	50

2-conductor shield terminal block		
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

3-conductor ground terminal block		
green-yellow	2006-1307 ❹	25

❶ Conductor range: 0.5 … 10 mm² "s+f-st"
Push-in termination: 1 … 10 mm² "s"
and 1.5 … 6 mm²
"insulated ferrules, 12 mm"

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 29
Step-down jumpers, see page 41
Jumpers, from page 149
Testing accessories, from page 142
Marking, from page 230

" 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)

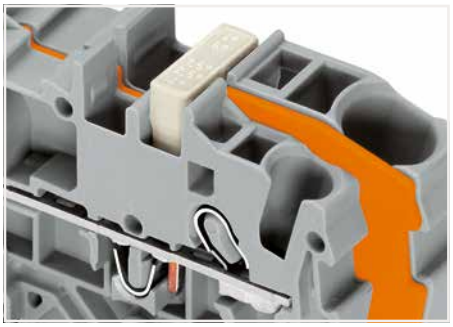
Lockout cap; for conductor entry and operating slot			
	gray	2006-191	25

Modular TOPJOB® S 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm			
	plain	793-5501	5



Commoning with Step-Down Jumpers

Through/Ground Conductor/Shield Conductor/Ex 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 … 0.91 inch	

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 … 0.91 inch	

❶ Conductor range: 0.5 … 16 mm² “s+f-st”
Push-in termination: 2.5 … 16 mm² “s”
and 2.5 … 10 mm²
“insulated ferrules, 18 mm”

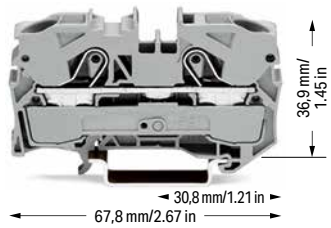
❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

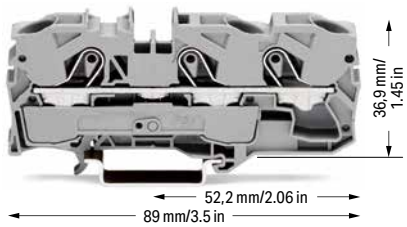
❸ Terminal blocks with a blue insulated housing are suitable for Ex i applications.

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 29
Step-down jumpers, see page 41
Jumpers, from page 149
Testing accessories, from page 142
Marking, from page 230

“ Approvals and corresponding ratings, visit www.wago.com





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

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

2-conductor ground terminal block		
green-yellow	2010-1207 ❹	25

3-conductor ground terminal block		
green-yellow	2010-1307 ❹	25

2-conductor shield terminal block		
white	2010-1208	25

Commoning with Step-Down Jumpers
An end plate must be inserted between the terminal blocks to be commoned. Step-down jumpers (2016-499) 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).
Step-down jumpers are simply pushed down for full insertion, similar to other push-in type jumper bars.
Note:
The total current of the outgoing circuits must not exceed the nominal current of the step-down jumper/push-in type jumper bar.

Accessories; item-specific

End and intermediate plate; 1 mm thick

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

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

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

120 mm	209-191	50 (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 TOPJOB® S connector; snaps together; for jumper contact slot

gray	2010-511	50 (25)

Test plug adapter; for 4 mm Ø test plug

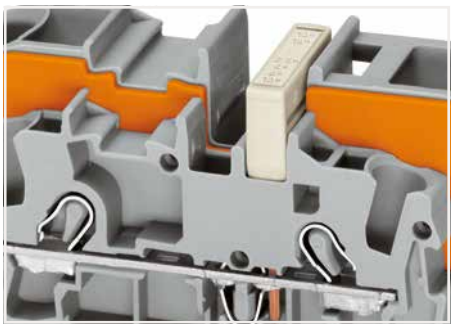
gray	2009-174	100 (25)

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

white	2009-110	1

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

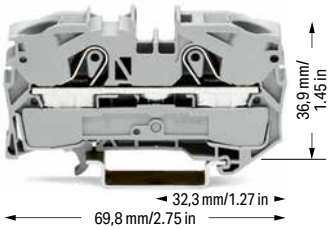
plain	793-5501	5



Commoning with Step-Down Jumpers

Through/Ground Conductor/Shield Conductor/Ex 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, 85 A
Terminal block width: 12 mm / 0.472 inch	
18 … 20 mm / 0.71 … 0.79 inch	

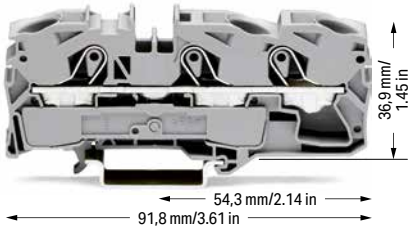


2-conductor through terminal block		
Color	Item No.	Pack. Unit
gray	2016-1201 ❹	20
blue	2016-1204 ❸ ❹	20
orange	2016-1202 ❹	20

2-conductor ground terminal block		
green-yellow	2016-1207 ❹	20

2-conductor shield terminal block		
white	2016-1208	20

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, 85 A
Terminal block width: 12 mm / 0.472 inch	
18 … 20 mm / 0.71 … 0.79 inch	



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

3-conductor ground terminal block		
green-yellow	2016-1307 ❹	20

❶ Conductor range: 0.5 … 16 mm² "s+f-st", 25 mm² "f-st";
Push-in termination: 2.5 … 16 mm² "s"
and 2.5 … 16 mm²
"insulated ferrules, 18 mm"

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 29
Step-down jumpers, see page 41
Jumpers, from page 149
Testing accessories, from page 143
Marking, from page 230

" Approvals and corresponding ratings, visit www.wago.com

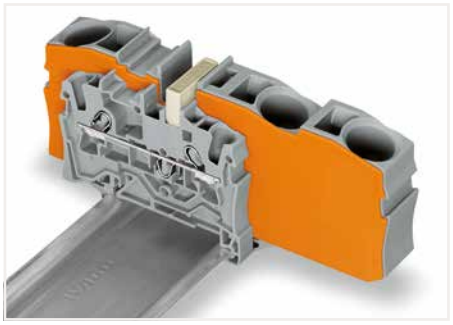
Accessories; item-specific

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)



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.

Accessories; 2016 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

Push-in type jumper bar; insulated; I_N 41 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 41 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)

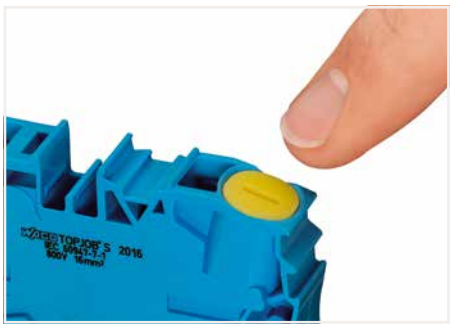
Finger guard; touch-proof cover protects unused conductor entries			
	yellow	2016-100	100 (25)

Modular TOPJOB® S 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

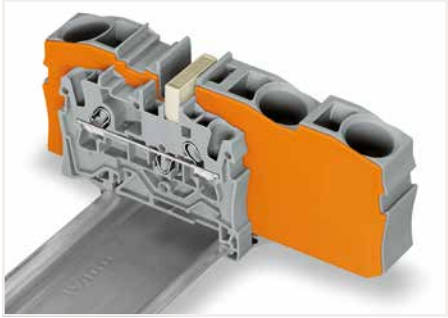
WMB Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm			
	plain	793-5501	5



Finger guard seals an unused conductor entry.

Step-Down Jumpers
TOPJOB® S; Installation

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



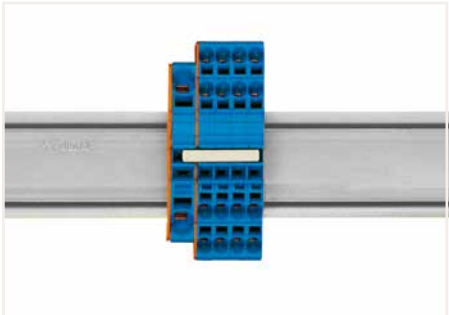
Step-down jumpers common terminal blocks of different sizes, without losing a conductor clamping point. This can be beneficial on long conductor runs where voltage drop can be a problem. A large conductor can be easily connected to smaller conductors at the distribution point. Commoning may be made in 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).

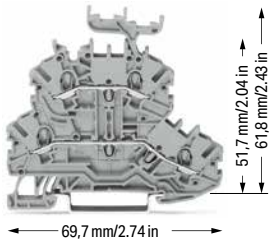


Stepping down via push-in type jumper bar.
Commoning via closed terminal side with end plate allows jumpering over two cross-section sizes, e.g., from 16 mm² (6 AWG) to 6 mm² (10 AWG) or from 6 mm² (10 AWG) to 2.5 mm² (14 AWG) (see illustration above).

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; 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: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

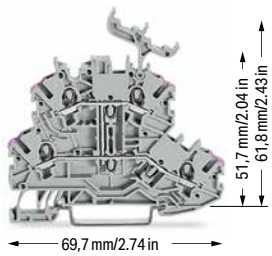


Double-deck terminal block; through/through terminal block; with marker carrier; gray housing

	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 housing

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



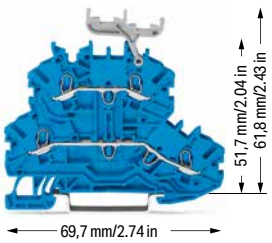
Double-deck terminal block; 4-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; gray housing

	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 housing

	Item No.	Pack. Unit
L	2000-2208	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: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

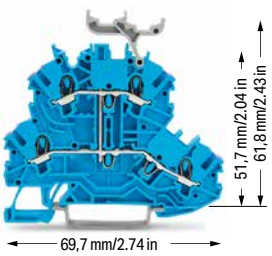


Double-deck terminal block; through/through terminal block; with marker carrier; blue housing

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

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

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



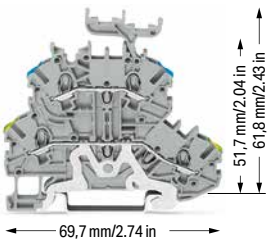
Double-deck terminal block; 4-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; blue housing

	Item No.	Pack. Unit
N	2000-2239	50

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

	Item No.	Pack. Unit
N	2000-2209	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: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	

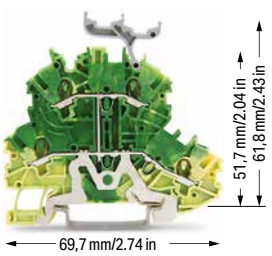


Double-deck terminal block; ground conductor/through terminal block; with marker carrier; blue housing

	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 housing

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



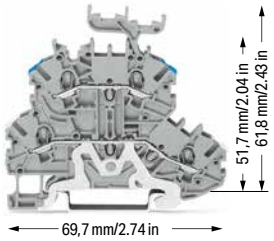
Double-deck terminal block; 4-conductor ground terminal block; with marker carrier; internally commoned; green-yellow housing

	Item No.	Pack. Unit
PE	2000-2237	50

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

	Item No.	Pack. Unit
PE	2000-2207	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: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



Double-deck terminal block; shield/through terminal block; with marker carrier; gray housing		
	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 housing		
Shield/N	2000-2218	50
Shield/L	2000-2228	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”

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

“ Please observe the application notes:
Jumpers, from page 151
Testing accessories, from page 145
Marking, from page 230

“ 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 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)

WMB Inline; plain; 2,300 WMB markers (3.5 mm)/reel			
	white	2009-113	1

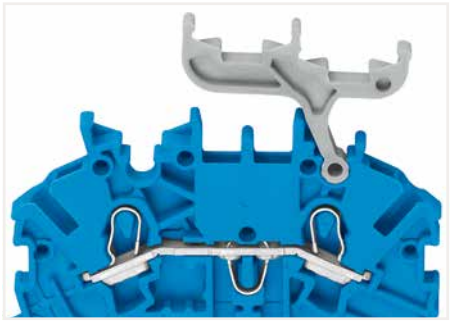
Accessories; 2000 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

WMB Multi marking system; 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

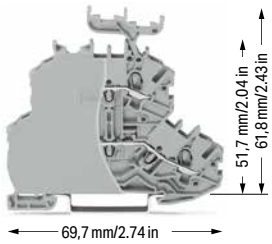
Double-deck marker carrier; pivoting			
	gray	2000-121	50 (25)



Double-Deck Terminal Blocks
A double-deck marker carrier (2000-121) can be fitted retrospectively to double-deck terminal blocks without marker carrier.

Double-Deck Terminal Block with End Plate; 800 V
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 (16 A)	
Terminal block width: 4.2 mm / 0.165 inch	
9 … 11 mm / 0.35 … 0.43 inch	

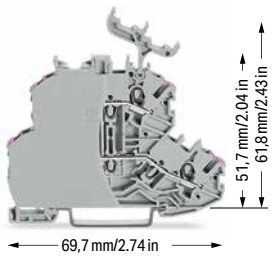


Double-deck terminal block; through/through terminal block; with end plate; with marker carrier; gray housing

	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 housing

	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



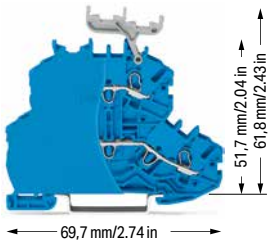
Double-deck terminal block; 4-conductor through terminal block; with end plate; with marker carrier; internally commoned; violet conductor entry; gray housing

	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 housing

	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	

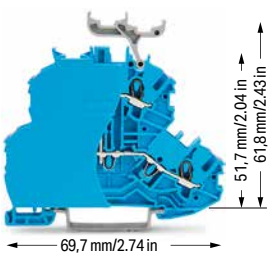


Double-deck terminal block; through/through terminal block; with end plate; with marker carrier; blue housing

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

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

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



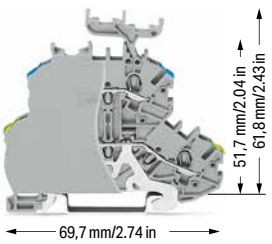
Double-deck terminal block; 4-conductor through terminal block; with end plate; with marker carrier; internally commoned; violet conductor entry; blue housing

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

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

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

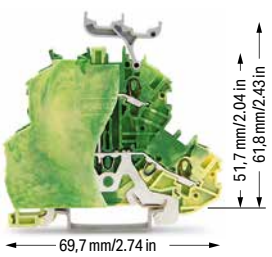


Double-deck terminal block; ground conductor/through terminal block; with end plate; with marker carrier; gray housing

	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 housing

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



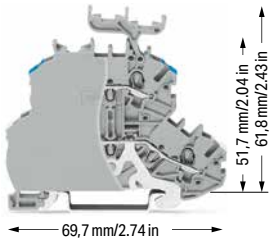
Double-deck terminal block; 4-conductor ground terminal block; with end plate; with marker carrier; internally commoned; green-yellow housing

	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 housing

	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 housing		
	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 housing		
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"

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

" Please observe the application notes:
Jumpers, from page 151
Testing accessories, from page 145
Marking, from page 230

" 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 4 … 4.2 mm

plain	793-4501	5

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

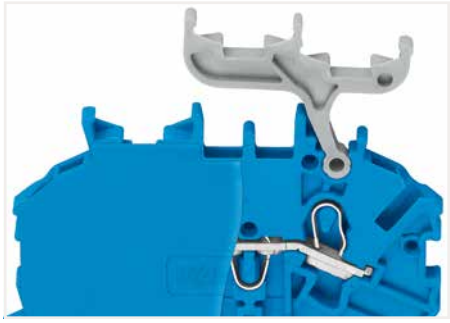
yellow	793-4501/000-002	5
red	793-4501/000-005	5
blue	793-4501/000-006	5
gray	793-4501/000-007	5
orange	793-4501/000-012	5
light green	793-4501/000-017	5
green	793-4501/000-023	5
violet	793-4501/000-024	5

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

white	2009-110	1

Double-deck marker carrier; pivoting

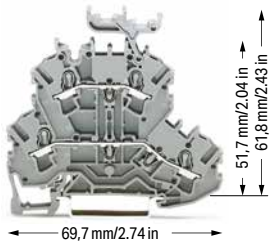
gray	2000-121	50 (25)



Double-Deck Terminal Blocks
A double-deck marker carrier (2000-121) can be fitted retrospectively to double-deck terminal blocks without 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 housing

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

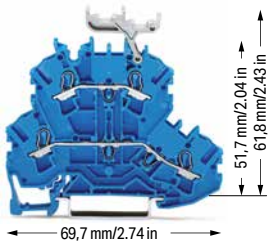
Double-deck terminal block; through/through terminal block; without marker carrier; gray housing

	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 126
LED	2002-2221/1000-434	Page 126

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	



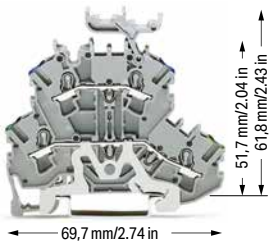
Double-deck terminal block; through/through terminal block; with marker carrier; blue housing

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

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

	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	

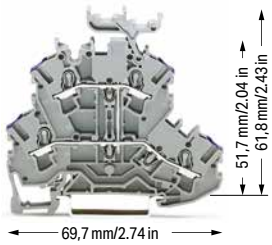


Double-deck terminal block; ground conductor/through terminal block; with marker carrier; blue housing

	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 housing

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

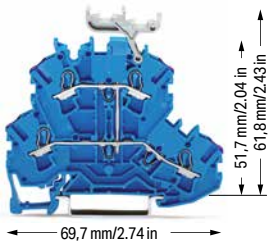


Double-deck terminal block; 4-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; gray housing

	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 housing

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

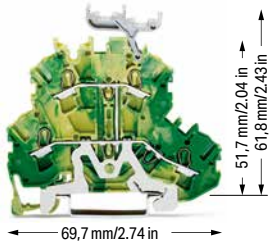


Double-deck terminal block; 4-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; blue housing

	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 housing

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



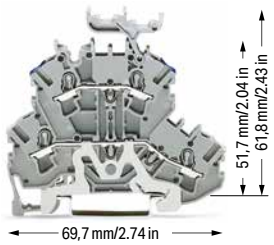
Double-deck terminal block; 4-conductor ground terminal block; with marker carrier; internally commoned; green-yellow housing

	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 housing

	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 housing		
	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 housing		
Shield/N	2002-2218	50
Shield/L	2002-2228	50

❶ Conductor range: 0.25 … 4 mm² "s+f-st"
Push-in termination: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

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 151
Testing accessories, from page 145
Marking, from page 230

" 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)

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

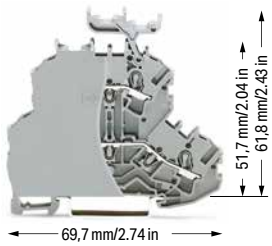
Double-deck vertical jumper; insulated; I_N 24 A			
	light gray	2002-492	100 (25)
	orange	2002-492/000-012	100 (25)

Double-deck terminal block assembly

Both ground and shield conductor terminal blocks have a contact foot in the bottom level, automatically establishing direct contact to the carrier 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 with End Plate; 800 V
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	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 housing

	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

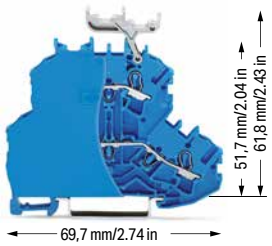
Double-deck terminal block; through/through terminal block; with end plate; without marker carrier; gray housing

	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 126
LED	2002-2221/1000-434	Page 126

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	



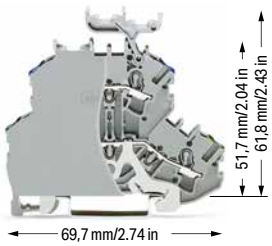
Double-deck terminal block; through/through terminal block; with end plate; with marker carrier; blue housing

	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 housing

	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	

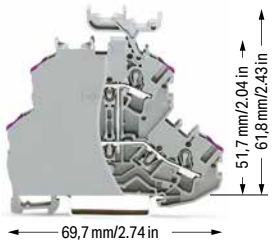


Double-deck terminal block; ground conductor/through terminal block; with end plate; with marker carrier; gray housing

	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 housing

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

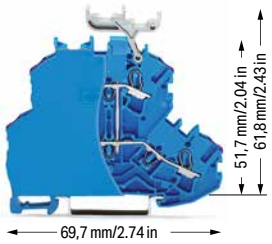


Double-deck terminal block; 4-conductor through terminal block; with end plate; with marker carrier; internally commoned; violet conductor entry; gray housing

	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 housing

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

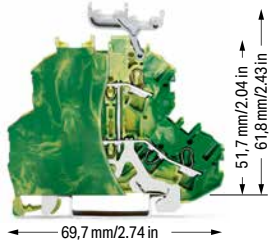


Double-deck terminal block; 4-conductor through terminal block; with end plate; with marker carrier; internally commoned; violet conductor entry; blue housing

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

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

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



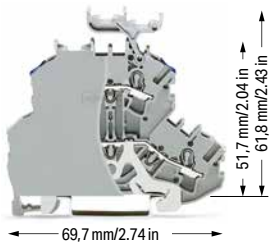
Double-deck terminal block; 4-conductor ground terminal block; with end plate; with marker carrier; internally commoned; green-yellow housing

	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 housing

	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	



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

	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 housing

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

❶ Conductor range: 0.25 … 4 mm² "s+f-st"
Push-in termination: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

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 151
Testing accessories, from page 145
Marking, from page 230

" 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

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

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

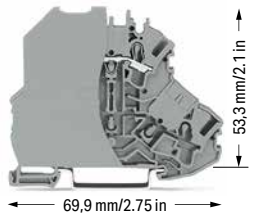
white	2009-110	1

Double-deck marker carrier; pivoting

gray	2002-121	50 (25)

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

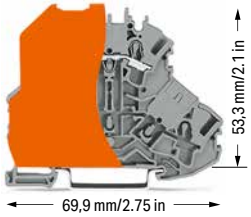
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
1000 VAC/DC/1500 VDC/12 kV/3 ❷	
I_N 24 A	
Terminal block width: 7.2 mm / 0.283 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

	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 housing

	Item No.	Pack. Unit
◯ L	2002-2201/098-000	50

❶ Conductor range: 0.25 … 4 mm² "s+f-st"
Push-in termination: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

❷ 1000 VAC/DC = rated voltage
1500 VDC
12 kV = rated impulse voltage
3 = pollution degree

" Please observe the application notes:
Testing accessories, from page 145
Marking, from page 230

" 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

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)

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

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

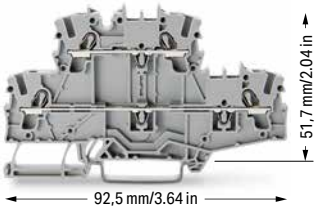
gray	2002-121	50 (25)

PUSH-IN CAGE CLAMP®

Double-Deck Terminal Block; with Vertical Conductor Entry

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	
I_N 24 A (28 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

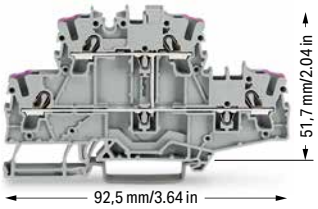


Double-deck terminal block; through/through terminal block; with vertical conductor entry; without marker carrier; gray housing

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

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

N/N	2002-2704	50



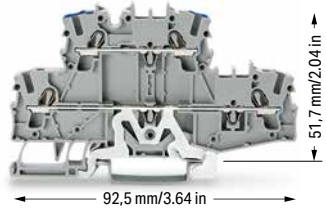
Double-deck terminal block; 4-conductor through terminal block; with vertical conductor entry; without marker carrier; internally commoned; violet conductor entry; gray housing

	Item No.	Pack. Unit
L	2002-2708	50

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

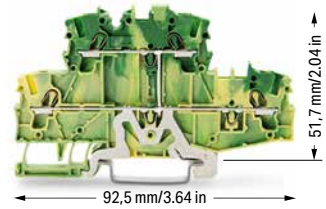
N	2002-2709	50

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 housing

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



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

	Item No.	Pack. Unit
PE	2002-2707	50

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

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

“ Please observe the application notes:
Jumpers, from page 151
Testing accessories, from page 145
Marking, from page 230

“ 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

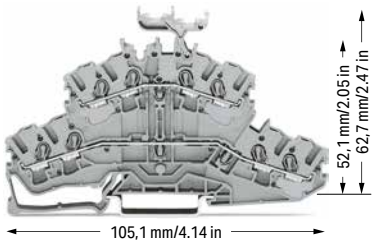
light gray	2002-492	100 (25)
orange	2002-492/000-012	100 (25)

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

2-way	2002-400	25

4-Conductor Double-Deck 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 (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 housing

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

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

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

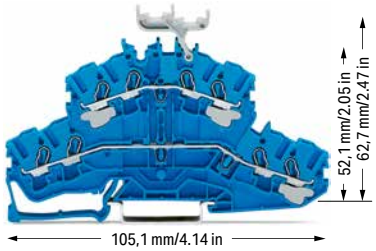
4-conductor double-deck terminal block; 8-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; gray housing

	Item No.	Pack. Unit
L	2002-2438 ❹	50

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

	Item No.	Pack. Unit
L	2002-2408 ❹	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; through/through terminal block; with marker carrier; blue housing

	Item No.	Pack. Unit
N/N	2002-2434 ❸ ❹	50

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

	Item No.	Pack. Unit
N/N	2002-2404 ❸ ❹	50

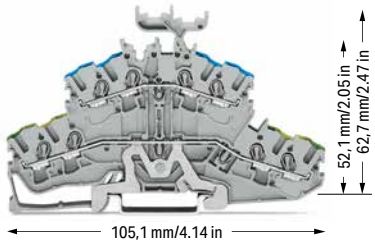
4-conductor double-deck terminal block; 8-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; blue housing

	Item No.	Pack. Unit
N	2002-2439 ❸ ❹	50

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

	Item No.	Pack. Unit
N	2002-2409 ❸ ❹	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; ground conductor/through terminal block; with marker carrier; gray housing

	Item No.	Pack. Unit
PE/N	2002-2447 ❹	50
PE/L	2002-2457 ❹	50

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

	Item No.	Pack. Unit
PE/N	2002-2417 ❹	50
PE/L	2002-2427 ❹	50

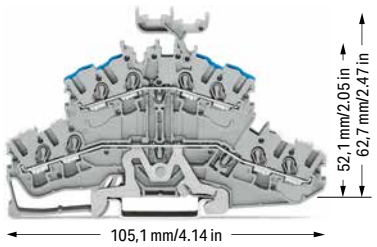
4-conductor double-deck terminal block; 8-conductor ground terminal block; with marker carrier; internally commoned; green-yellow housing

	Item No.	Pack. Unit
PE	2002-2437 ❹	50

4-conductor double-deck terminal block; 8-conductor ground terminal block; without marker carrier; internally commoned; green-yellow housing

	Item No.	Pack. Unit
PE	2002-2407 ❹	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 housing

	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 housing

Shield/N	2002-2418	50
Shield/L	2002-2428	50

❶ Conductor range: 0.25 … 4 mm² "s+f-st"
Push-in termination: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

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.
550 V; 21 A
17 A jumper
16 A staggered jumper

" Please observe the application notes:
Jumpers, from page 151
Testing accessories, from page 145
Marking, from page 230

" 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

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

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

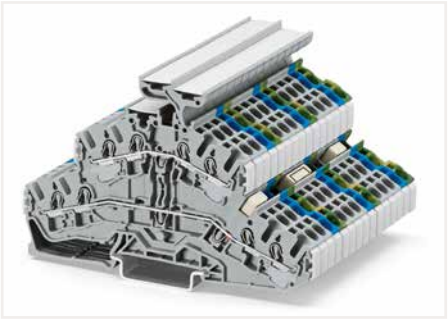
plain	793-5501	5

Double-deck marker carrier; pivoting

gray	2002-121	50 (25)

TOPJOB® S group marker carrier; snap-on type for jumper slot; 5 mm wide

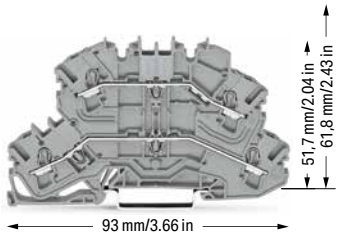
gray	2009-191	50 (25)



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 ❶	22 … 12 AWG
500 V/6 kV/3 ❷	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	

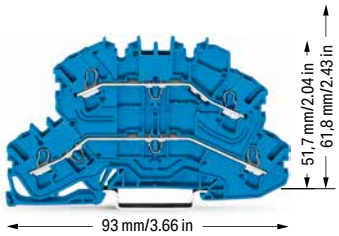


Double-deck terminal block; through/through terminal block; same profile as double-deck disconnect terminal block; without marker carrier; gray housing

	Item No.	Pack. Unit
L/L	2002-2601	50
N/L	2002-2602	50
L/N	2002-2603	50

Other terminal blocks with the same profile:		
Carrier	2002-2661	Page 56
Disconnect	2002-2671	Page 56
Fuse	2002-2611	Page 57

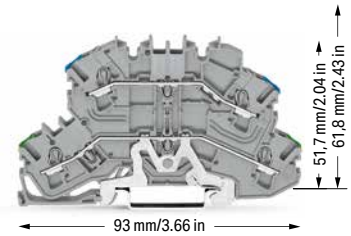
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
500 V/6 kV/3 ❷	300 V, 20 A
I_N 24 A (28 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Double-deck terminal block; through/through terminal block; same profile as double-deck disconnect terminal block; without marker carrier; blue housing

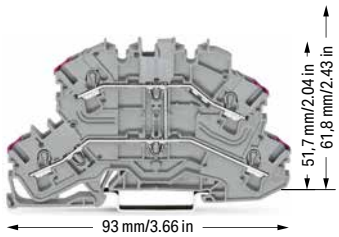
	Item No.	Pack. Unit
N/N	2002-2604 ❸	50

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



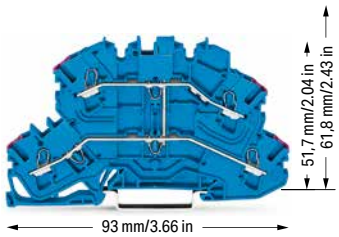
Double-deck terminal block; ground conductor/through terminal block; same profile as double-deck disconnect terminal block; without marker carrier; gray housing

	Item No.	Pack. Unit
PE/N	2002-2647	50
PE/L	2002-2657	50



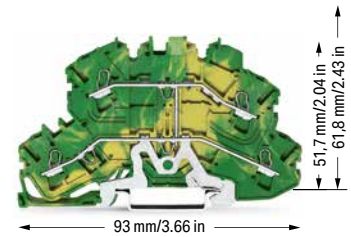
Double-deck terminal block; 4-conductor through terminal block; same profile as double-deck disconnect terminal block; without marker carrier; internally commoned; violet conductor entry; gray housing

	Item No.	Pack. Unit
L	2002-2608	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 housing

	Item No.	Pack. Unit
N	2002-2609 ❸	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 housing

	Item No.	Pack. Unit
PE	2002-2607	50

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

❷ 400 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.

“ Please observe the application notes:
Jumpers, from page 151
Testing accessories, from page 145
Marking, from page 230

“ 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

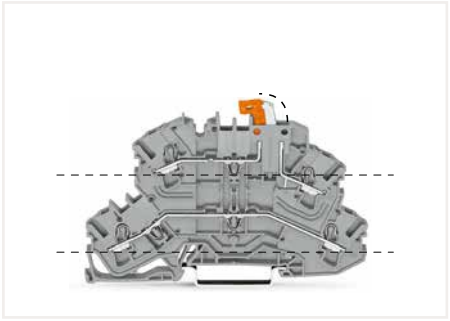
1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Double-deck vertical jumper; insulated; I_N 24 A

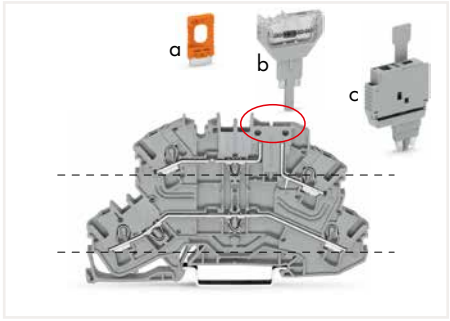
light gray	2002-492	100 (25)
orange	2002-492/000-012	100 (25)

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

2-way	2002-400	25



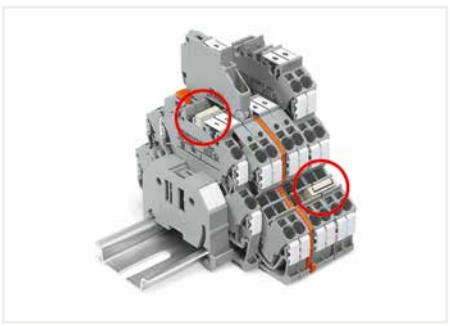
Double-deck disconnect terminal blocks with a pivoting knife disconnect (2002-2671) can be used as through terminal blocks on the lower deck and as disconnect terminal blocks on the upper deck.
Besides disconnection and measurement, double-deck carrier terminal blocks (2002-2667) also provide ground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



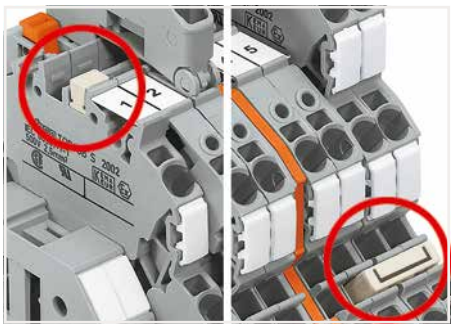
Carrier terminal blocks (2002-2661) have the same design as disconnect terminal blocks.
The following components may be used:
- Disconnect plugs (a: 2002-401)
- Pluggable diode (b: 2002-800/1000-411)
- LED module (2002-800/1000-541, no illustration)
- Fuse plug (c: 2004-911)

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).

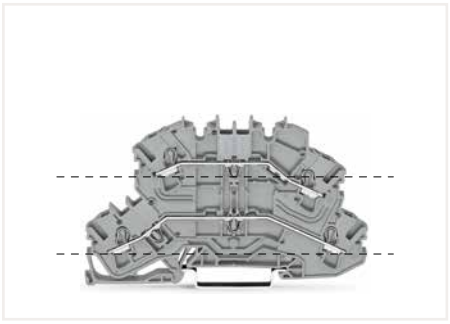
An end plate for fuse disconnect terminal blocks (shown in orange, 2002-1092) is used for additional protection, preventing the fuse holder from being opened. The fuse cannot be replaced until disconnecting the fuse holder from the power supply.



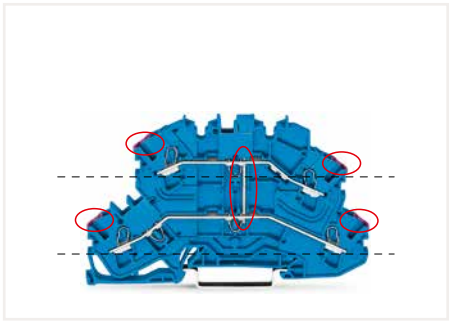
The same profile allows for commoning with TOPJOB® S double-deck terminal blocks (upper deck) and with triple-deck terminal blocks (lower deck).



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



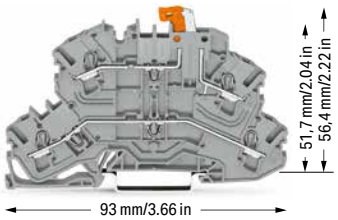
Through terminal blocks (2002-2601) feature two independent current bars on both lower and upper deck, sharing the same profile as disconnect terminal blocks.
These terminal blocks can be commoned via double-deck vertical jumpers (2002-492).



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

Double-Deck Disconnect Terminal Block and 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	

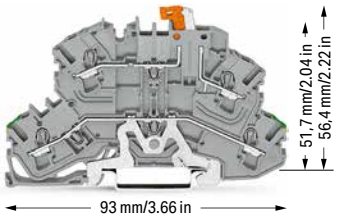


Double-deck disconnect terminal block; with a pivoting knife disconnect; gray housing		
	Item No.	Pack. Unit
◯ L/L	2002-2671	50
◯ N/L	2002-2672	50

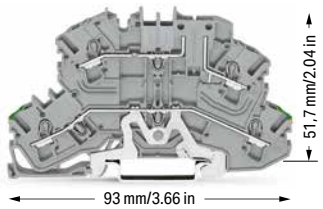
Other terminal blocks with the same profile:		
Through	2002-2601	Page 46
Fuse	2002-2611	Page 57

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



Double-deck disconnect terminal block; with a pivoting knife disconnect; gray housing		
	Item No.	Pack. Unit
◯ Shield/L	2002-2678	50



Double-deck carrier terminal block; upper-deck base; gray housing		
	Item No.	Pack. Unit
◯ PE/L	2002-2667	50

❶ Conductor range: 0.25 … 4 mm² "s+f-st"
Push-in termination: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

" Please observe the application notes:
Jumpers, from page 151
Testing accessories, from page 145
Marking, from page 230

" 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

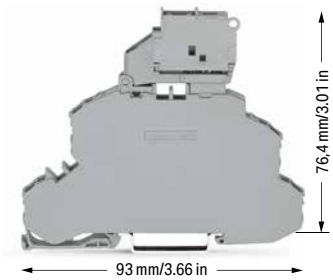
Double-deck vertical jumper; insulated; I_N 24 A			
	light gray	2002-492	100 (25)
	orange	2002-492/000-012	100 (25)

Adjacent jumper for continuous commoning; insulated; I_N 25 A, light gray			
	2-way	2002-400	25

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 miniature metric fuse; without blown fuse indication; gray
Electrical ratings are given by the fuse.

	Item No.	Pack. Unit
○ L/L	2002-2611	25
○ N/L	2002-2612	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 miniature metric 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	25
○ 30 … 65 V	2002-2611/1000-542	25
○ 230 V	2002-2611/1000-836	25

Other terminal blocks with the same profile:		
Through	2002-2601	Page 46

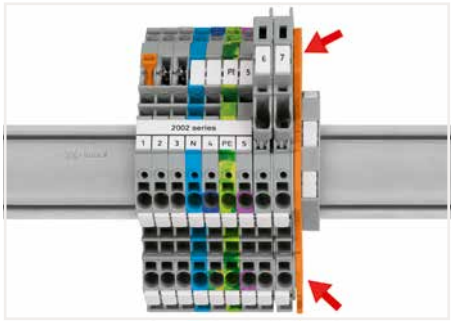
❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

❷ 250 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

“ Please observe the application notes:
Jumpers, from page 151
Marking, from page 230

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

“ Approvals and corresponding ratings, visit www.wago.com



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

Accessories; 2002 Series

Appropriate marking systems: WMB/Marking Strips

End and intermediate plate; 1 mm thick

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

End plate for fuse terminal blocks; 2 mm thick

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

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

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

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

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

Double-deck vertical jumper; insulated; I_N 24 A

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

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

light gray	2002-171	200 (25)

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

dark gray	2002-172	200 (25)

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

yellow	2002-115	100 (25)

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

red	210-136	50

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

	210-137	50

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

white	2009-110	1

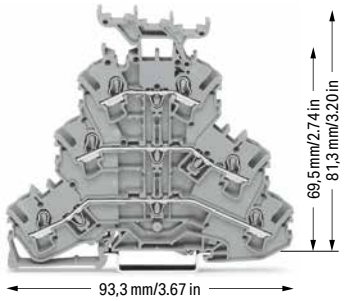
WMB Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

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

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 housing

	Item No.	Pack. Unit
L/L/L	2002-3231 4	50
L/L/N	2002-3233 4	50

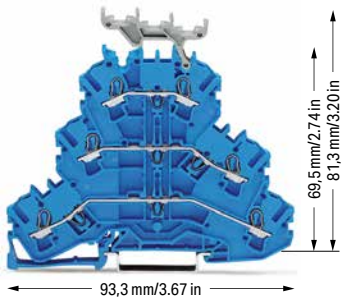
Triple-deck terminal block; through/through/through terminal block; without marker carrier; gray housing

	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 128
LED	2002-3221/1000-434	Page 128

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	



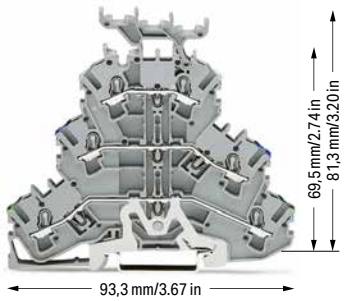
Triple-deck terminal block; through/through/through terminal block; with marker carrier; blue housing

	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 housing

	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	

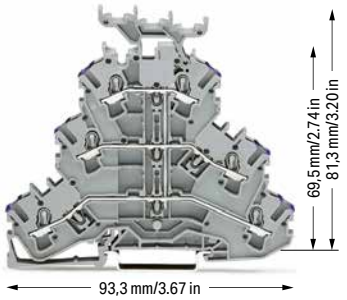


Triple-deck terminal block; through/through/through terminal block; with marker carrier; blue housing

	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 housing

	Item No.	Pack. Unit
PE/N/L	2002-3217 4	50
PE/L/L	2002-3227 4	50

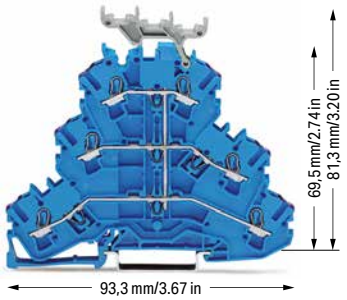


Triple-deck terminal block; 6-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; gray housing

	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 housing

	Item No.	Pack. Unit
L	2002-3208 4	50

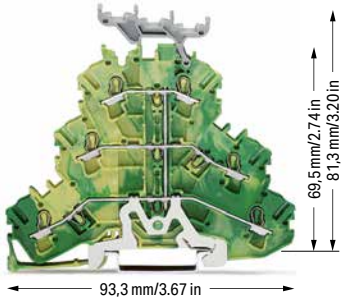


Triple-deck terminal block; 6-conductor through terminal block; with marker carrier; internally commoned; violet conductor entry; blue housing

	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 housing

	Item No.	Pack. Unit
N	2002-3209 3 4	50



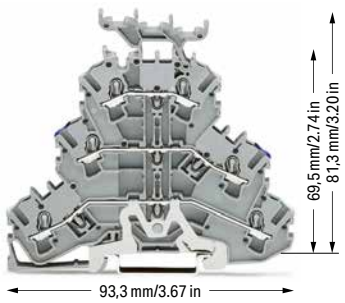
Triple-deck terminal block; 6-conductor ground terminal block; with marker carrier; internally commoned; green-yellow housing

	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 housing

	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: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

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 151
Testing accessories, from page 145
Marking, from page 230

" 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 housing

	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 housing

○ 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)

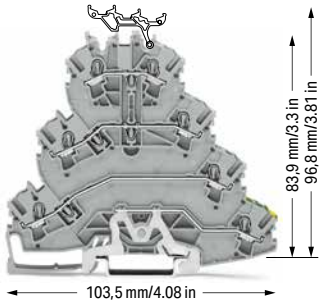
Triple-deck vertical jumper; insulated; I_N 24 A

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
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

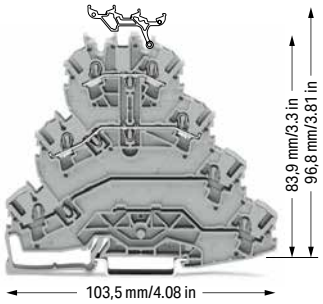
	Item No.	Pack. Unit
L1 - L2 - L3 - PE	2002-4127 ❸	25

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
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

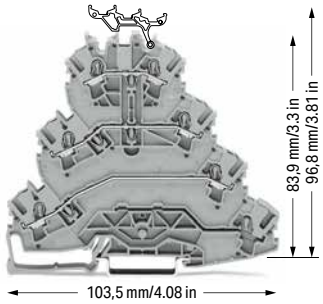
	Item No.	Pack. Unit
L1 - L2	2002-4111 ❸	25

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
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

2-way	2002-400	25

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

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

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

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

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

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: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

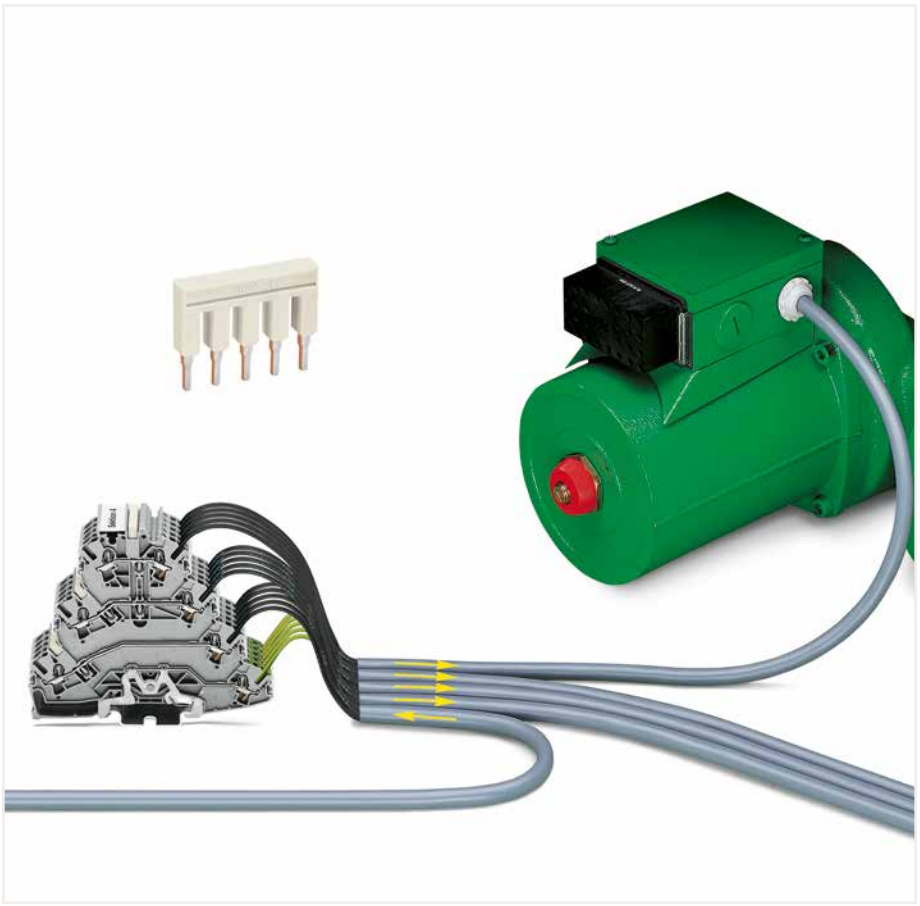
❷ 800 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

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

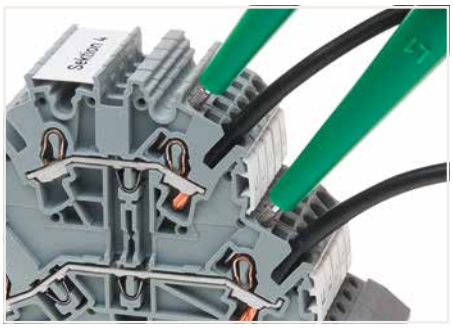
“ Please observe the application notes:
Jumpers, from page 146
Testing accessories, from page 145
Marking, from page 230

“ Approvals and corresponding ratings, visit www.wago.com

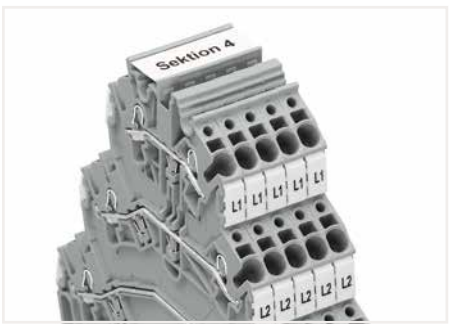
Creating spacer housings for electric motor wiring rail-mount terminal blocks via
lockout caps (2002-192) for conductor entry and operating slot.



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.

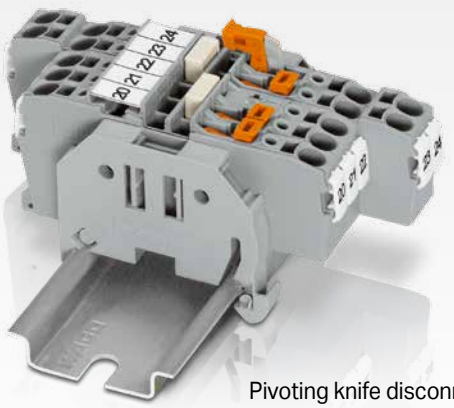


Testing with voltage tester.

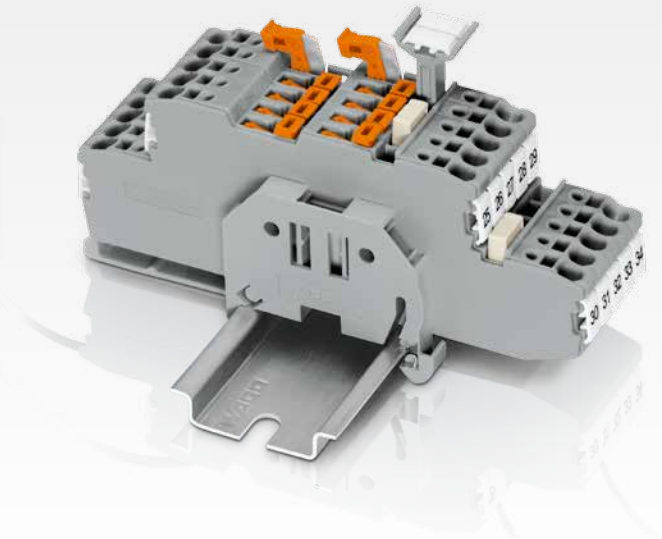


Marking clamping points via WMB Multi Marking System.
Group marking via marking strips (Item No. 709-177

DISCONNECT/TEST TERMINAL BLOCKS

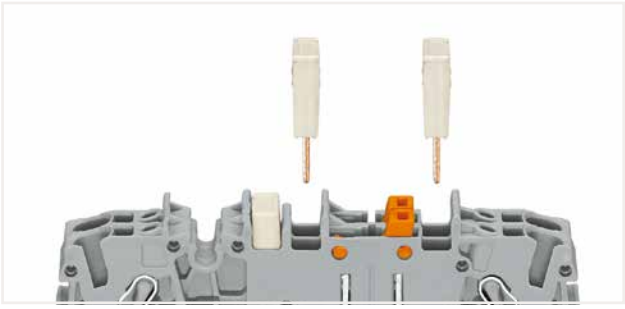


Pivoting knife disconnects clearly indicate the circuit state.



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.

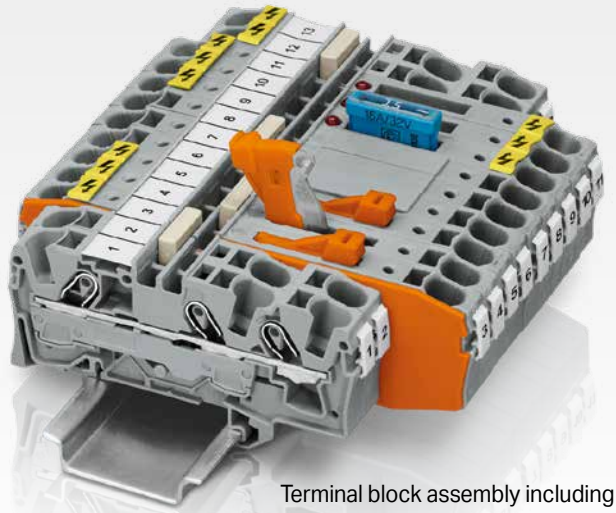
Double-Deck, Double-Disconnect Terminal Blocks

- 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.

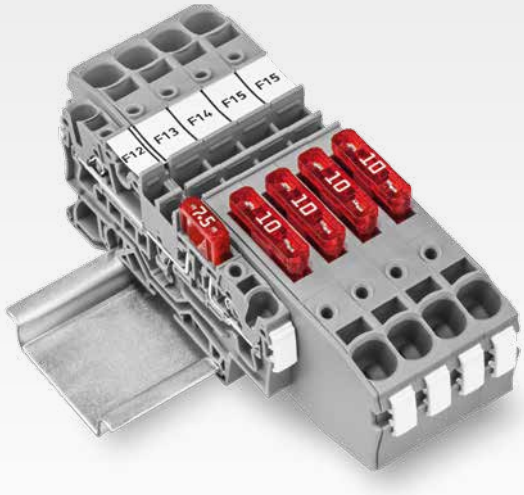
Pivoting marker carriers provide an additional marking location.

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



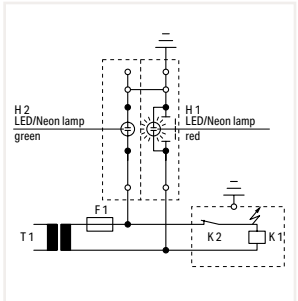
Terminal block assembly including 6 mm² (10 AWG) through and disconnect terminal blocks



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).

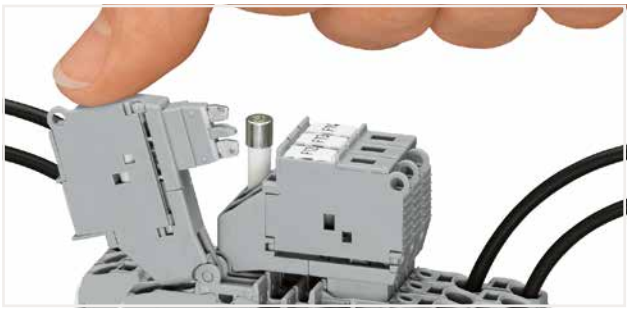


Test position – grounding: slide link open, auxiliary circuit not grounded, red LED/neon lamp lights

Ground conductor disconnect terminal block – top view

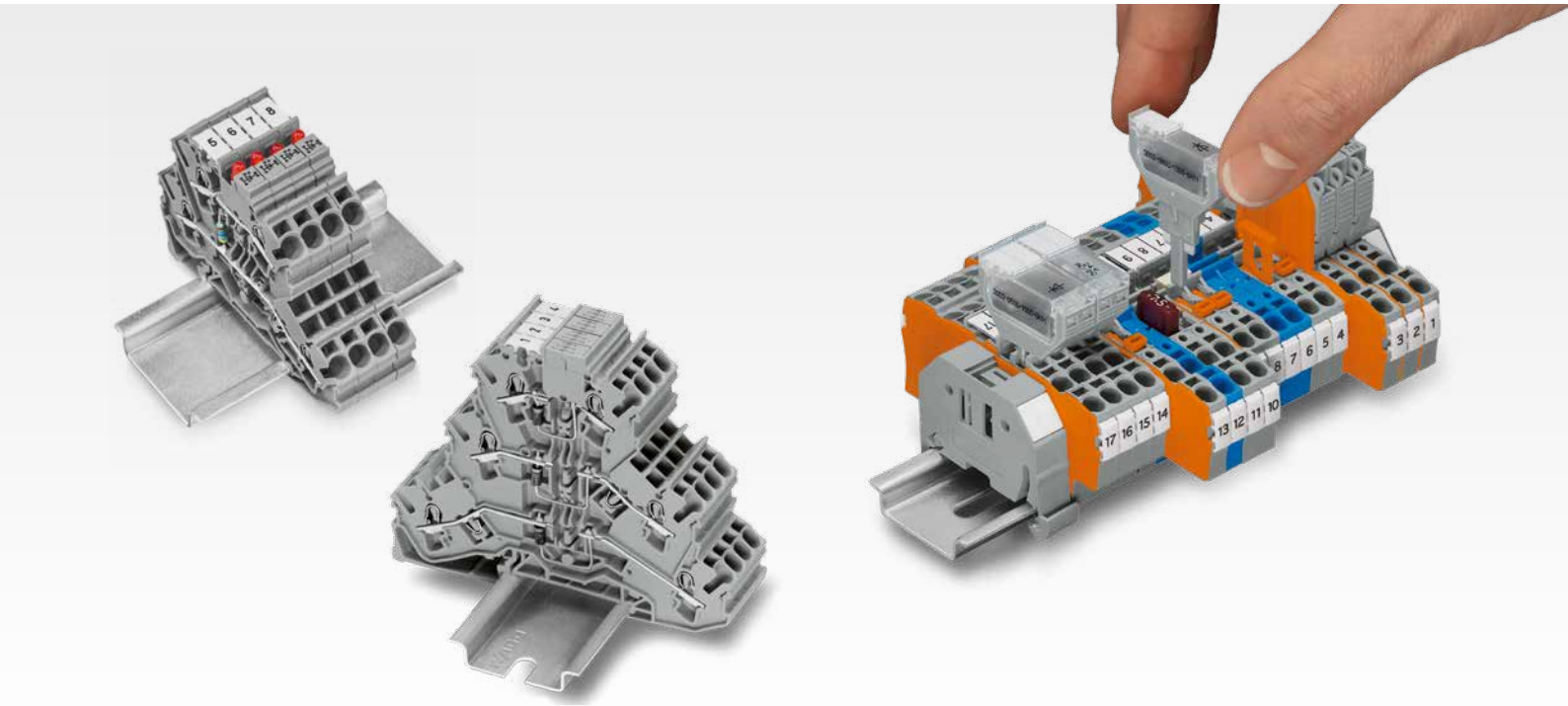
Fuse Terminal Blocks

- 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



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).

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

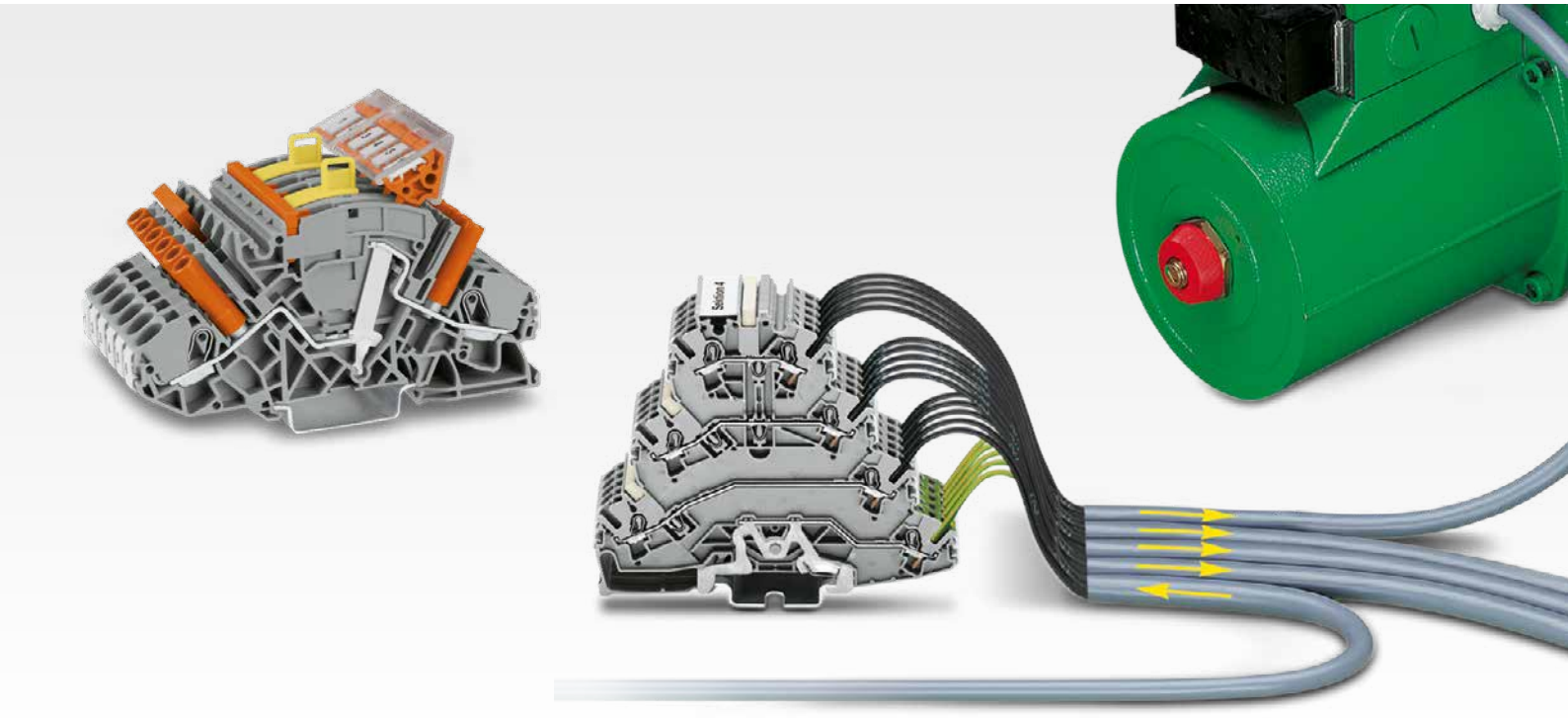
- Component plugs can either be pre-assembled, or the components (e.g., diodes, resistors) can be assembled by the user via solder-free connection
- Available in 5.2 mm or 10.4 mm width for carrier terminal blocks or for use in a jumper slot

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

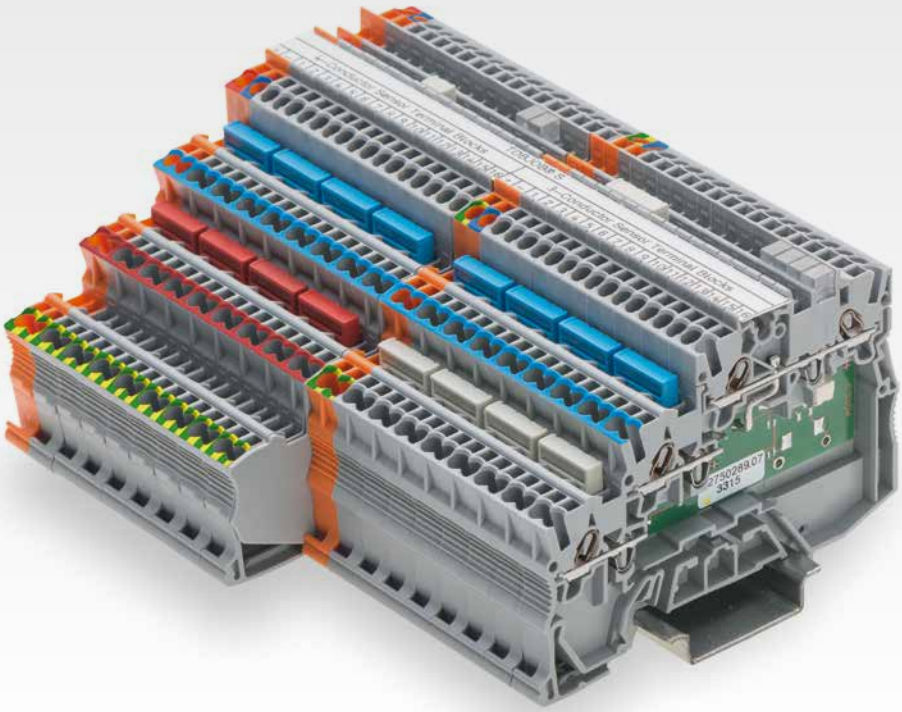
- Quadruple-deck, rail-mount terminal blocks for electric motor wiring
- Compact design: three phases and one ground conductor in a single terminal block
- Specialty versions featuring two or three potentials without a ground contact are also available

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

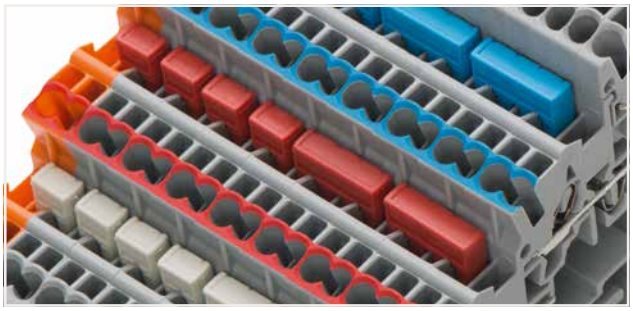


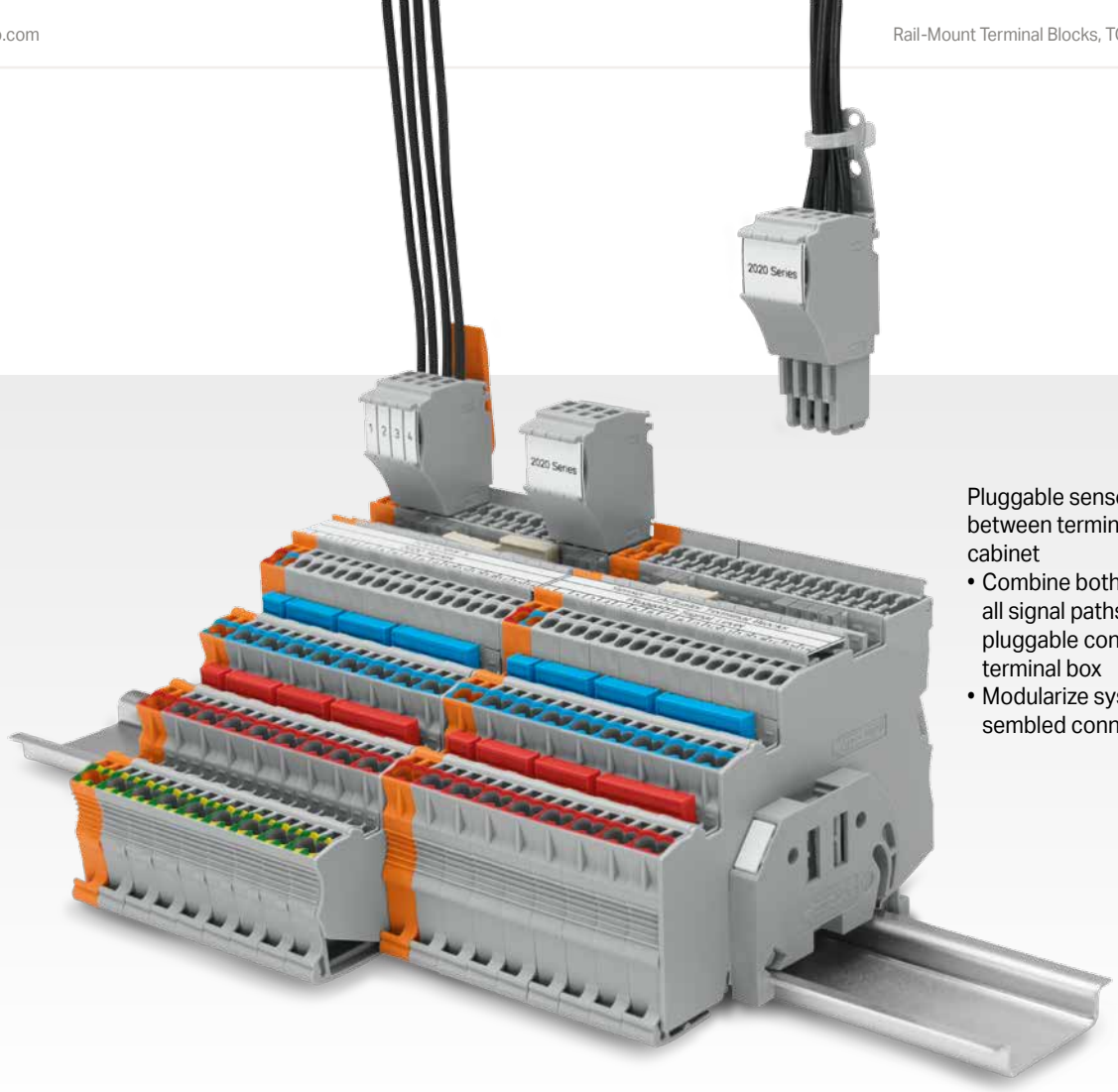
Maximum Signal Density

- 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

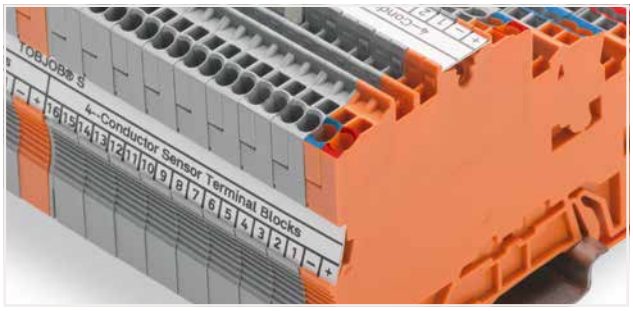
- Combine both power supply and all signal paths into one single pluggable connector within a terminal box
- Modularize systems via pre-assembled connectors

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

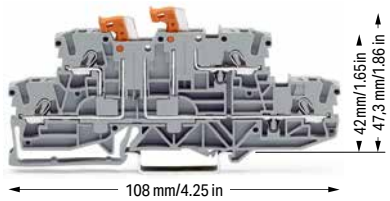
LED, Wiring and Marking in Plain View

- LEDs, jumpers and markers are always visible – even when wired
- Streamlined terminal block design provides quick wiring overview and a simplified control layout



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	



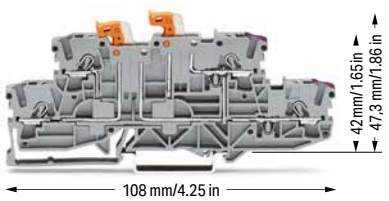
Double-deck, double-disconnect terminal block; with 2 pivoting knife disconnects; gray housing

	Item No.	Pack. Unit
L/L	2002-2951	50
N/L	2002-2952	50

Double-deck, double-disconnect terminal block; with 2 pivoting knife disconnects; blue housing

	Item No.	Pack. Unit
N/N	2002-2954	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	



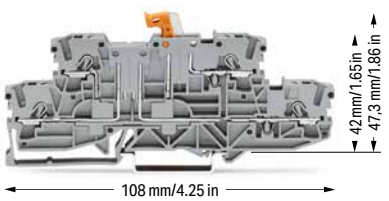
Double-deck, double-disconnect terminal block; with two pivoting knife disconnects; lower and upper decks internally commoned on right side, violet conductor entry; gray housing

	Item No.	Pack. Unit
L/L	2002-2958	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 housing

	Item No.	Pack. Unit
N/N	2002-2959	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 housing

	Item No.	Pack. Unit
L/L	2002-2971	50
N/L	2002-2972	50

Double-deck disconnect terminal block; with pivoting knife disconnect; same profile as double-deck, double-disconnect terminal block; blue housing

	Item No.	Pack. Unit
N/N	2002-2974	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	
blue	2002-423/000-006	

Modular TOPJOB® S 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 TOPJOB® S 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

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules; 12 mm”

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

“ Please observe the application notes:
Jumpers, from page 146
Testing accessories, from page 140
Marking, from page 230

“ Approvals and corresponding ratings,
visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	**793-5501**	5

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

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

TOPJOB® S group marker carrier; snap-on type for jumper slot; 5 mm wide

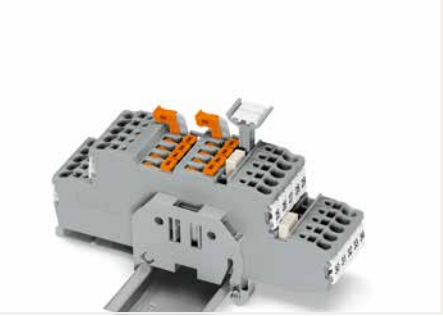
gray	**2009-191**	50 (25)

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

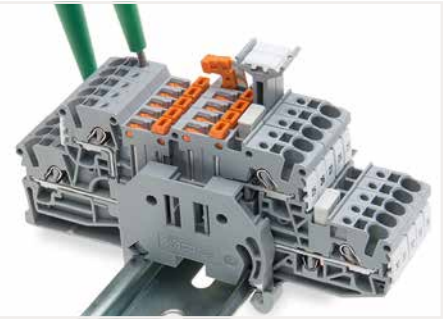
gray	**249-116**	100 (25)

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

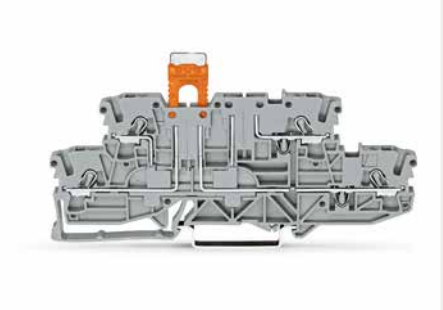
gray	**249-117**	50 (25)



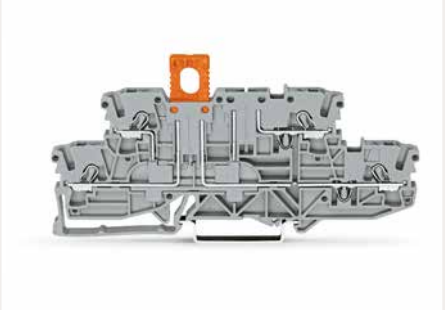
Double-deck, double-disconnect terminal blocks (2002-2951) with group marker carrier accommodated in jumper contact slot



Testing with voltage tester.



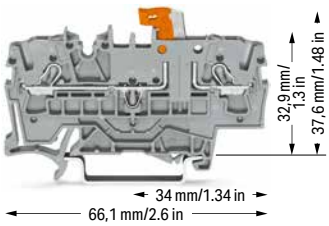
Carrier terminal block (2002-2941) with disconnect plug (2002-401) in parked position



Carrier terminal block (2002-2941) with disconnect plug (2002-401) in operating position

Disconnect/Test Terminal Block and Through Terminal Block of Same Profile
TOPJOB® S; 2.5 (4) mm²; 2002 Series

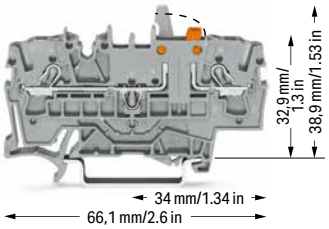
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

Color	Item No.	Pack. Unit
gray	2002-1671	50
blue	2002-1674	50
orange	2002-1672	50

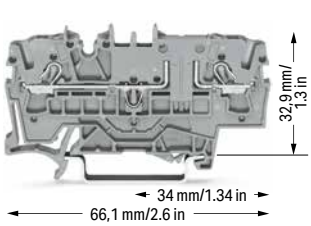
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

Color	Item No.	Pack. Unit
gray	2002-1671/401-000	50
blue	2002-1674/401-000	50
orange	2002-1672/401-000	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.	Pack. Unit
gray	2002-1601	50
blue	2002-1604	50
orange	2002-1602	50

Other terminal blocks with the same profile:

Carrier	2002-1661	Page 106
Fuse	2002-1681	Page 80

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 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

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

Modular TOPJOB® S 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 TOPJOB® S connector; 1.5 mm thick

gray	2002-541	100 (25)

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules; 12 mm”

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

“ Please observe the application notes:
Jumpers, from page 146
Testing accessories, from page 140
Marking, from page 230

“ Approvals and corresponding ratings,
visit www.wago.com

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

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

TOPJOB® S L-type test plug module; snaps together

gray **2002-611** 100 (25)

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

gray **2002-649** 100 (25)

End plate; for modular TOPJOB® S test plug module; 1.5 mm thick

gray **2002-641** 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

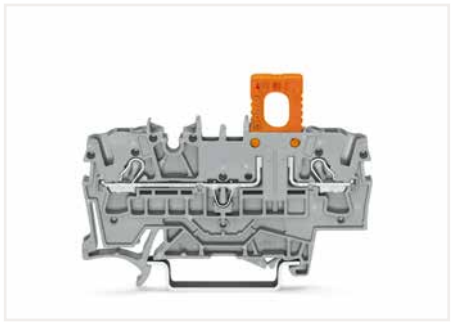
WMB Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain **793-5501** 5

Double-deck marker carrier; pivoting

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

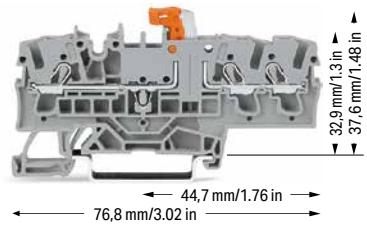
Carrier terminal block (2002-1661) with disconnect plug (2002-401) in parked position



Carrier terminal block (2002-1661) with disconnect plug (2002-401) in operating position

Disconnect/Test Terminal Block and Through Terminal Block of Same Profile
TOPJOB® S; 2.5 (4) mm²; 2002 Series

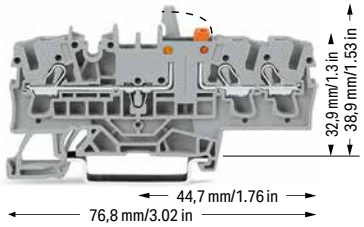
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

Color	Item No.	Pack. Unit
gray	2002-1771	50
blue	2002-1774	50
orange	2002-1772	50

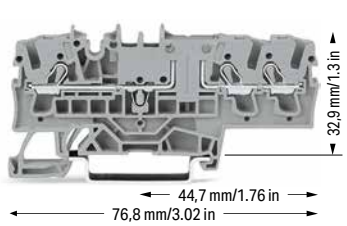
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

Color	Item No.	Pack. Unit
gray	2002-1771/401-000	50
blue	2002-1774/401-000	50
orange	2002-1772/401-000	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.	Pack. Unit
gray	2002-1701	50
blue	2002-1704	50
orange	2002-1702	50

3-conductor ground terminal block

green-yellow	2002-1707	50

Other terminal blocks with the same profile:

Carrier	2002-1761	Page 106
Fuse	2002-1781	Page 80

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 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

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

Modular TOPJOB® S connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

End plate; for modular TOPJOB® S connector; 1.5 mm thick

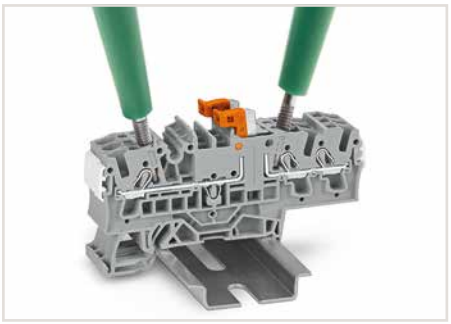
gray	2002-541	100 (25)

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules; 12 mm”

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

“ Please observe the application notes:
Jumpers, from page 146
Testing accessories, from page 140
Marking, from page 230

“ Approvals and corresponding ratings,
visit www.wago.com



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

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

TOPJOB® S L-type test plug module; snaps together

gray **2002-611** 100 (25)

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

gray **2002-649** 100 (25)

End plate; for modular TOPJOB® S test plug module; 1.5 mm thick

gray **2002-641** 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

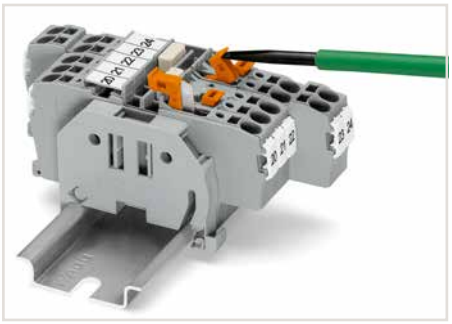
white **2009-110** 1

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

plain **793-5501** 5

Double-deck marker carrier; pivoting

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

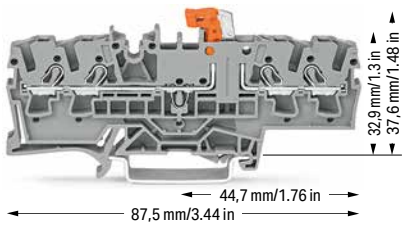


Disconnect/test terminal block with pivoting knife disconnect –
Opening a knife disconnect.

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

Disconnect/Test Terminal Block and Through Terminal Block of Same Profile
TOPJOB® S; 2.5 (4) mm²; 2002 Series

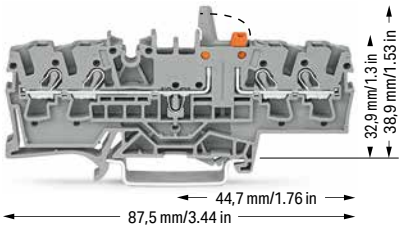
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

Color	Item No.	Pack. Unit
gray	2002-1871	50
blue	2002-1874	50
orange	2002-1872	50

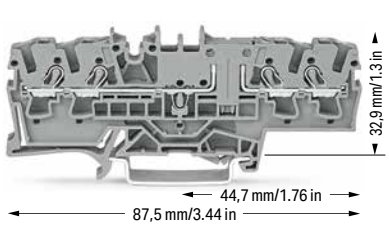
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

Color	Item No.	Pack. Unit
gray	2002-1871/401-000	50
blue	2002-1874/401-000	50
orange	2002-1872/401-000	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.	Pack. Unit
gray	2002-1801	50
blue	2002-1804	50
orange	2002-1802	50

Other terminal blocks with the same profile:

Carrier	2002-1861	Page 106
Fuse	2002-1881	Page 80

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 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

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

Modular TOPJOB® S 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 TOPJOB® S connector; 1.5 mm thick

gray	2002-541	100 (25)

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules; 12 mm”

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

“ Please observe the application notes:
Jumpers, from page 146
Testing accessories, from page 140
Marking, from page 230

“ Approvals and corresponding ratings,
visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

TOPJOB® S L-type test plug module; snaps together

gray | **2002-611** | 100 (25)

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

gray | **2002-649** | 100 (25)

End plate; for modular TOPJOB® S test plug module; 1.5 mm thick

gray | **2002-641** | 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

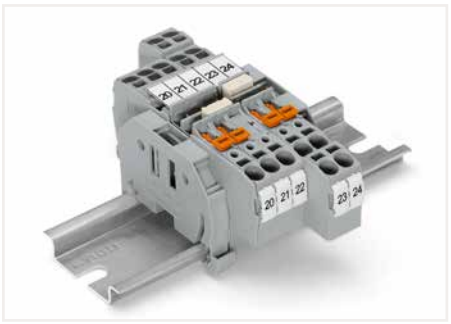
white | **2009-110** | 1

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

plain | **793-5501** | 5

Double-deck marker carrier; pivoting

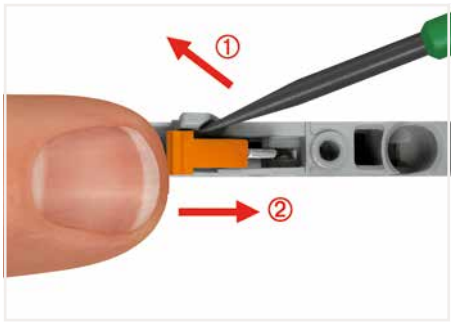
gray | **2002-121** | 50 (25)



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

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

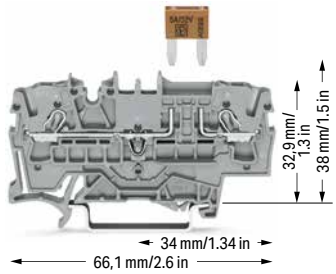
Disconnect/test terminal block with pivoting knife disconnect and mechanical interlock –
Top view



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

Fuse Terminal Block; for Mini-Automotive Blade-Style Fuses
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, 10 A
I_N 10 A ❸	300 V, 10 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



2-conductor fuse terminal block; with test point; for mini-automotive blade-style fuses

Color	Item No.	Pack. Unit
gray	2002-1681	50

Blade-style fuses are not offered by WAGO.

Other terminal blocks with the same profile:

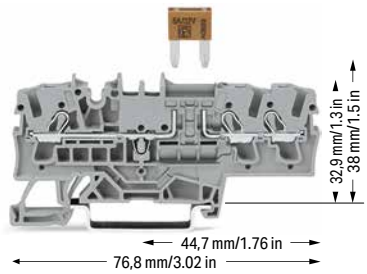
Through	2002-1601	Page 74

Accessories; item-specific

End and intermediate plate; 1 mm thick

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

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



3-conductor fuse terminal block; with test point; for mini-automotive blade-style fuses

Color	Item No.	Pack. Unit
gray	2002-1781	50

Blade-style fuses are not offered by WAGO.

Other terminal blocks with the same profile:

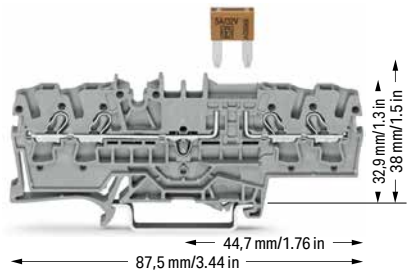
Through	2002-1701	Page 76

Accessories; item-specific

End and intermediate plate; 1 mm thick

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

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



4-conductor fuse terminal block; with test point; for mini-automotive blade-style fuses

Color	Item No.	Pack. Unit
gray	2002-1881	100

Blade-style fuses are not offered by WAGO.

Other terminal blocks with the same profile:

Through	2002-1801	Page 78

Accessories; item-specific

End and intermediate plate; 1 mm thick

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

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

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

Modular TOPJOB® S 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)

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules; 12 mm”

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)

“ Please observe the application notes:
Jumpers, from page 146
Testing accessories, from page 140
Marking, from page 230

“ Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

TOPJOB® S L-type test plug module; snaps together

gray | **2002-611** | 100 (25)

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

gray | **2002-649** | 100 (25)

End plate; for modular TOPJOB® S test plug module; 1.5 mm thick

gray | **2002-641** | 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

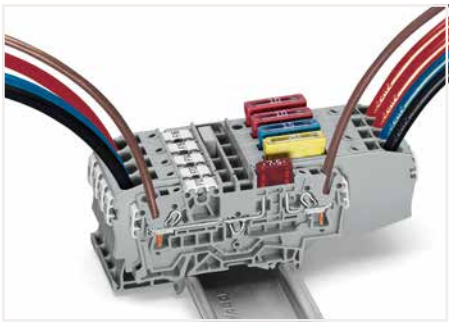
white | **2009-110** | 1

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

plain | **793-5501** | 5

Double-deck marker carrier; pivoting

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

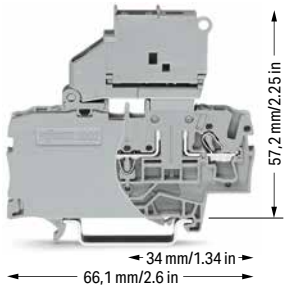


Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartridges can operate perfectly as protection (break-off point) if they are properly selected and used according to manufacturer specifications.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

Fused Disconnect Terminal Block with Pivoting Fuse Holder; for (5 x 20) mm Miniature Metric Fuses

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	250 V, 6,3 A
I_N 6.3 A	250 V, 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; for (5 x 20) mm miniature metric fuse; without blown fuse indication
Electrical ratings are given by the fuse.

	Item No.	Pack. Unit
gray	2002-1611	50

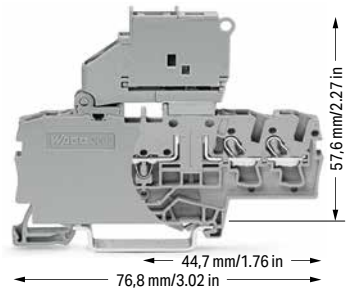
2-conductor fused disconnect terminal block with a pivoting fuse holder; for (5 x 20) mm miniature metric fuse; with blown fuse indication by LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

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

Other terminal blocks with the same profile:

Through	2002-1601	Page 74

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	250 V, 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; for (5 x 20) mm miniature metric fuse; without blown fuse indication
Electrical ratings are given by the fuse.

	Item No.	Pack. Unit
gray	2002-1711	50

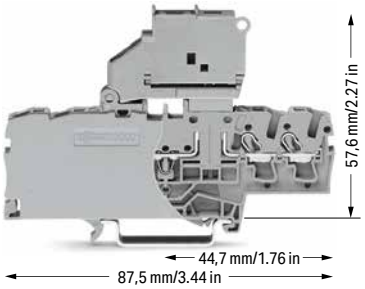
3-conductor fused disconnect terminal block with a pivoting fuse holder; for (5 x 20) mm miniature metric fuse; with blown fuse indication by LED; gray
Electrical ratings are given by the fuse and blown fuse indication. Leakage current in case of a blown fuse: LED 2 mA

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

Other terminal blocks with the same profile:

Through	2002-1701	Page 76

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	250 V, 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; for (5 x 20) mm miniature metric fuse; without blown fuse indication
Electrical ratings are given by the fuse.

	Item No.	Pack. Unit
gray	2002-1811	100

4-conductor fused disconnect terminal block with a pivoting fuse holder; for (5 x 20) mm miniature metric 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	50
30 … 65 V	2002-1811/1000-542	50
230 V	2002-1811/1000-836	50
120 V	2002-1811/1000-867	50

Other terminal blocks with the same profile:

Through	2002-1801	Page 78

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

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules; 12 mm”

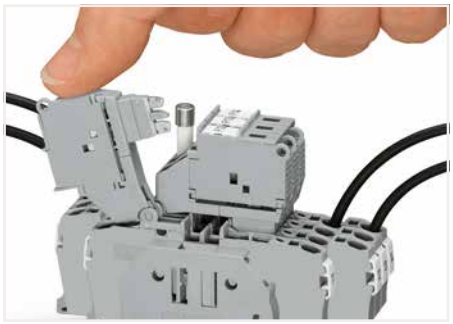
❷ 250 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

“ Please observe the application notes:
Jumpers, from page 150
Marking, from page 230

“ 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

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.



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

Miniature fuses 5 x 20

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
	Fuse terminal blocks			
2002-1611 2002-1711 2002-1811	1.6 W	1.6 W	2.5 W	2.5 W
2002-1611/….-…. 2002-1711/….-…. 2002-1811/….-….	1.6 W	1.6 W	2.5 W	2.5 W

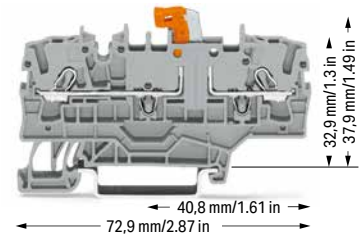
When selecting miniature metric fuses, make sure that the maximum power loss listed below is not exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal blocks must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature fuses. 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:

Disconnect/Test Terminal Block and Through/Ground Terminal Block; with Additional Jumper Slot

TOPJOB® S; 2.5 (4) mm²; 2002 Series

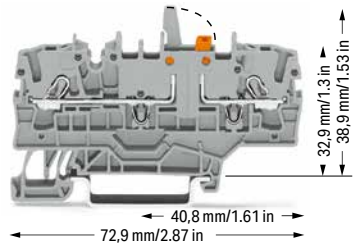
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

Color	Item No.	Pack. Unit
gray	2002-1971	50
blue	2002-1974	50
orange	2002-1972	50

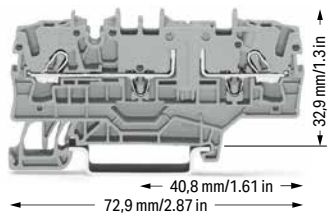
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	300 V, 15 A
I_N 16 A	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

Color	Item No.	Pack. Unit
gray	2002-1971/401-000	50
blue	2002-1974/401-000	50
orange	2002-1972/401-000	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	
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; with additional jumper slot; same profile as 2-conductor disconnect terminal block

Color	Item No.	Pack. Unit
gray	2002-1901	50
blue	2002-1904	50
orange	2002-1902	50

2-conductor ground terminal block

green-yellow	2002-1907	50

Other terminal blocks with the same profile:

Carrier	2002-1961	Page 106
Fuse	2002-1981	see page 86

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 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

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

Modular TOPJOB® S connector; snaps together; for jumper contact slot

gray	2002-511	100 (25)

End plate; for modular TOPJOB® S connector; 1.5 mm thick

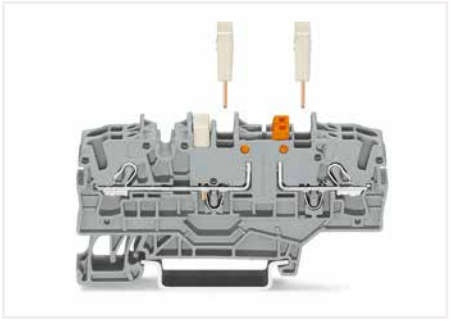
gray	2002-541	100 (25)

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules; 12 mm”

❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

“ Please observe the application notes:
Jumpers, from page 146
Testing accessories, from page 140
Marking, from page 230

“ Approvals and corresponding ratings,
visit www.wago.com



Three jumper slots available

Accessories; 2002 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

TOPJOB® S L-type test plug module; snaps together

gray **2002-611** 100 (25)

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

gray **2002-649** 100 (25)

End plate; for modular TOPJOB® S test plug module; 1.5 mm thick

gray **2002-641** 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

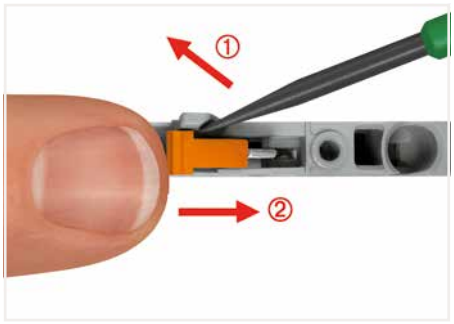
plain **793-5501** 5

Double-deck marker carrier; pivoting

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

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

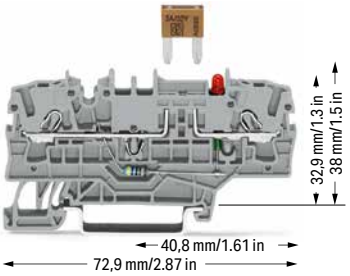
Disconnect/test terminal block with pivoting knife disconnect and mechanical interlock –
Top view



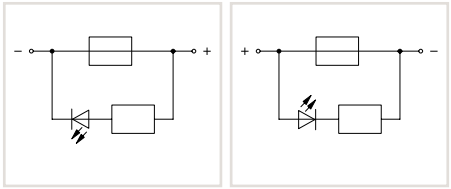
Disconnect/test terminal block with pivoting knife disconnect and mechanical interlock –
closing the knife disconnect.

Fuse Terminal Block for Mini-Automotive Blade-Style Fuses; with Additional Jumper Slot
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	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	



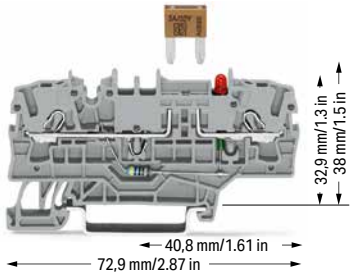
2002-1981/1000-429 2002-1981/1000-449



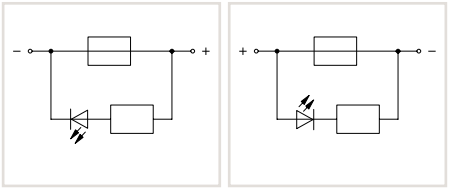
2-conductor fuse terminal block; with test point; for mini-automotive blade-style fuses; 12 V; with blown fuse indication by LED; LED power consumption: 4.8 mA Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	Pack. Unit
gray	2002-1981/1000-429	50
gray	2002-1981/1000-449	50

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



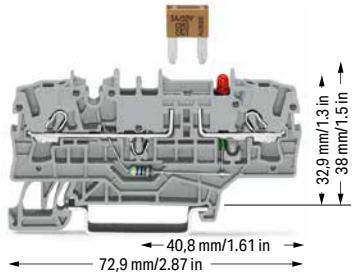
2002-1981/1000-413 2002-1981/1000-434



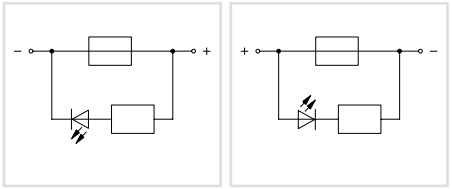
2-conductor fuse terminal block; with test point; for mini-automotive blade-style fuses; 24 V; with blown fuse indication by LED; LED power consumption: 4.8 mA Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

Color	Item No.	Pack. Unit
gray	2002-1981/1000-413	50
gray	2002-1981/1000-434	50

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	48 V, 10 A
I_N 10 A ❸	
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; with test point; for mini-automotive blade-style fuses; 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	50
gray	2002-1981/1000-435	50

Other terminal blocks with the same profile:		
Through	2002-1901	Page 84

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

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

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

Staggered jumper; insulated; I_N 25 A; light gray

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

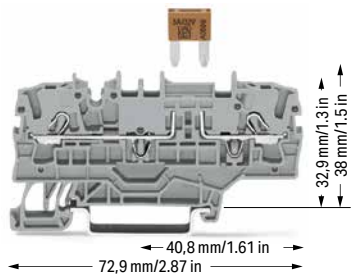
Adjacent jumper for continuous commoning; insulated; I_N 25 A, light gray

2-way	2002-400	25

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

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

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



❶ Conductor range: 0.25 … 4 mm² "s+f-st"
Push-in termination: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules; 12 mm"

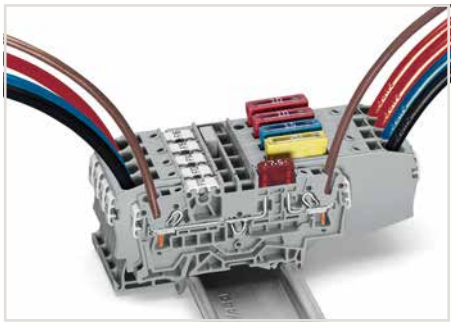
❷ 400 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

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 146
Testing accessories, from page 140
Marking, from page 230

" 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 an ambient operating 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; with test point; for mini-automotive blade-style fuses; 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**	50

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	**793-5501**	5

Double-deck marker carrier; pivoting

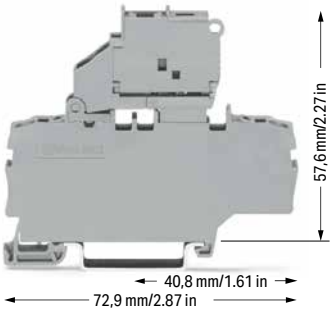
gray	**2002-121**	50 (25)

PUSH-IN CAGE CLAMP®

Fused Disconnect Terminal Block with Pivoting Fuse Holder and Additional Jumper Slot; for (5 x 20) mm Miniature Metric Fuses

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	600 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	



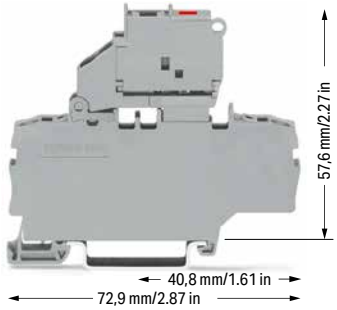
2-conductor fused disconnect terminal block with a pivoting fuse holder; with additional jumper slot; for (5 x 20) mm miniature metric fuse; without blown fuse indication
Electrical ratings are given by the fuse.

Color	Item No.	Pack. Unit
gray	2002-1911	50

Other terminal blocks with the same profile:

Through	2002-1901	Page 84

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/6 kV/3 ❷	30 V, 6,3 A
I_N 6.3 A	
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 additional jumper slot; for (5 x 20) mm miniature metric 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	2002-1911/1000-541	50
30 … 65 V	2002-1911/1000-542	50
120 V	2002-1911/1000-867	50
230 V	2002-1911/1000-836	50

Other terminal blocks with the same profile:

Through	2002-1901	Page 84

❶ Conductor range: 0.25 … 4 mm² "s+f-st"
Push-in termination: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules; 12 mm"

❷ 250 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

" Please observe the application notes:
Jumpers, from page 150
Marking, from page 230

" 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			
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 miniature metric 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 miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.

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

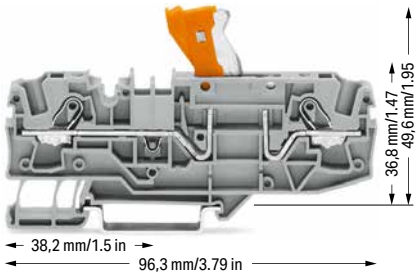
Push-in type jumper bar; insulated; I_N 32 A; light gray

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

Disconnect Terminal Block and Ground Conductor Disconnect Terminal Block and Through Terminal Block of Same Profile

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, 15 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 90

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

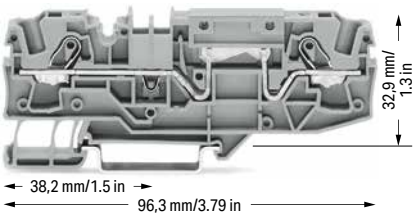
Push-in type jumper bar; insulated; I_N 41 A; light gray

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
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 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 108
Fuse	2006-1681	Page 92

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

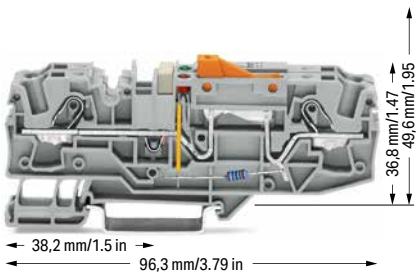
Disconnect plug for carrier terminal blocks; suitable when using a carrier terminal block as disconnect terminal block

orange	2006-401	100 (25)

Blind plug for carrier terminal block; indicates a disconnection

red	2006-451	100 (25)

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
Terminal block width: 15 mm / 0.591 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 VDC	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 90

Accessories; item-specific

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

2-way	2006-402	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)

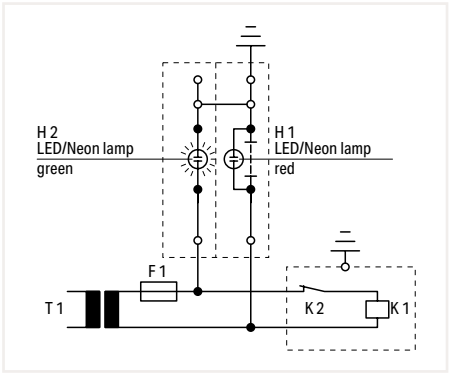
❶ Conductor range: 0.5 … 10 mm² “s+f-st”
Push-in termination: 1 … 10 mm² “s”
and 1.5 … 6 mm²
“insulated ferrules, 12 mm”

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

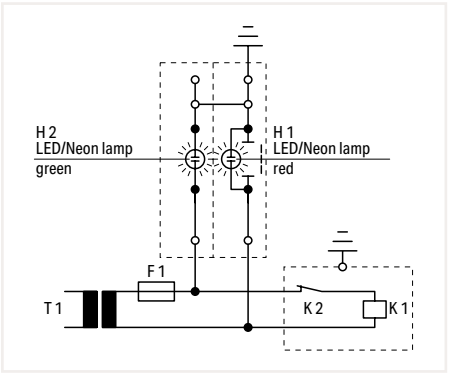
“ Please observe the application notes:
Jumpers, from page 149
Marking, from page 230

“ Approvals and corresponding ratings,
visit www.wago.com

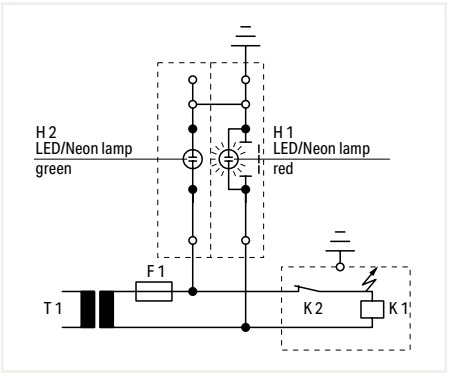
Ground conductor disconnect terminal block – top view



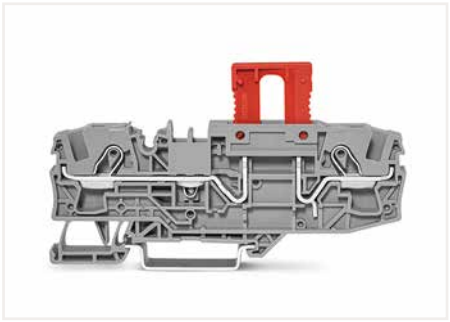
Operating condition
Slide link closed, auxiliary circuit grounded,
green LED/neon lamp illuminates.



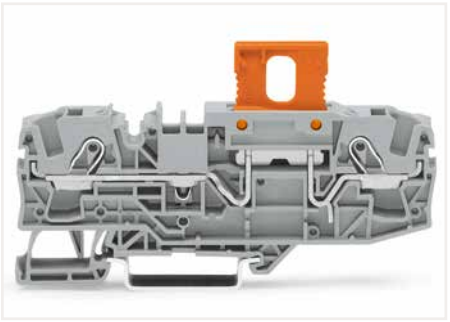
Test condition – no grounding
Slide link open, auxiliary circuit not grounded.



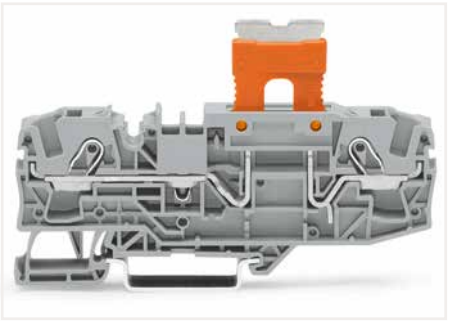
Test condition – grounding
Slide link open, auxiliary circuit not grounded,
red LED/neon lamp illuminates.



Blind plug for carrier terminal block (indicates a disconnection)



Carrier terminal block (2006-401) with disconnect plug (2006-1661) in operating position



Carrier terminal block (2006-401) with disconnect plug (2002-1661) in parked position

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.

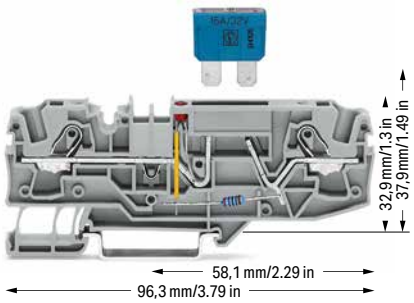
In order to fulfill this requirement, a connection to the protective bonding circuit must be provided in accordance with Section 8.2 and the devices must be connected as described in Section 9.1.4. Control circuits fed from a transformer and not connected to the protective bonding circuit must be provided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

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.

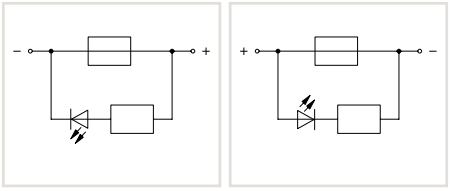
Multipole control switches that interrupt all live conductors must be used where the control circuit is directly connected between the phase conductors of the supply or between a phase conductor and a neutral conductor, which is either not grounded or grounded through a high impedance. This is required for starting or stopping those 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.

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

Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
500 V/8 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	



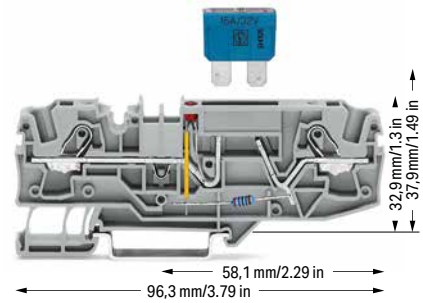
2006-1681/1000-429 2006-1681/1000-449



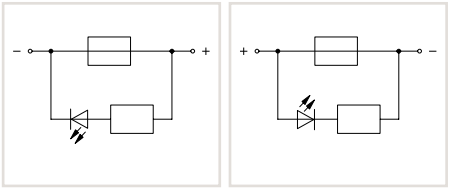
2-conductor fuse terminal block for automotive blade-style fuses; 12 V; with test point; with blown fuse indication by LED; LED power consumption: 4.8 mA
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

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/8 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	



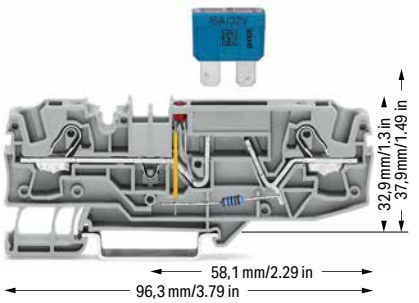
2006-1681/1000-413 2006-1681/1000-434



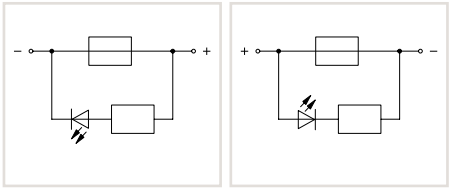
2-conductor fuse terminal block for automotive blade-style fuses; 24 V; with test point; with blown fuse indication by LED; LED power consumption: 4.8 mA
Electrical ratings are given by the fuse and blown fuse indication. Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

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/8 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 fuses; 48 V; with test point; 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 90

Accessories; 2006 Series

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)

Appropriate marking systems: WMB/Marking Strips

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

white	2009-110	1

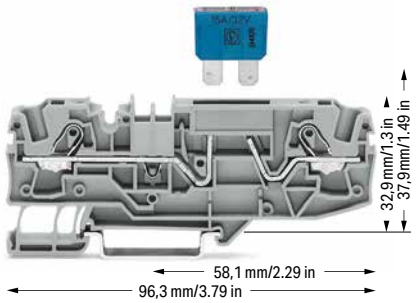
WMB Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

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/8 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: 1 … 10 mm² "s"
and 1.5 … 6 mm²
"insulated ferrules, 12 mm"

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

❸ LED power consumption: 4.8 mA

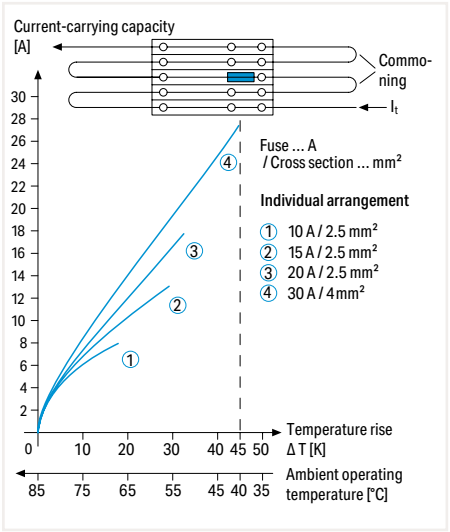
" Blade-style fuses are not offered by WAGO.
Thermal automotive circuit breakers are not offered by WAGO.
WAGO recommends automotive circuit breakers from ETA.

" Please observe the application notes:
Marking, from page 230

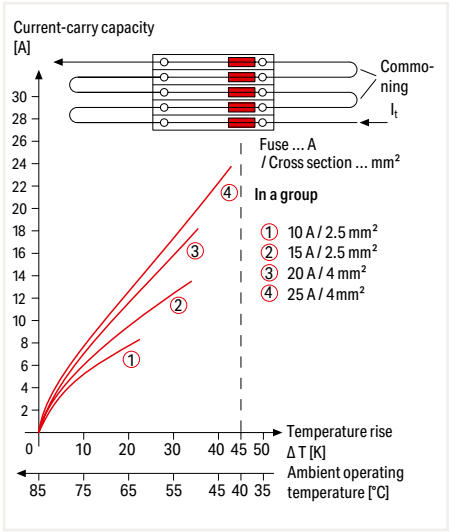
" Approvals and corresponding ratings, visit www.wago.com

2-conductor fuse terminal block for automotive blade-style fuses; 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!

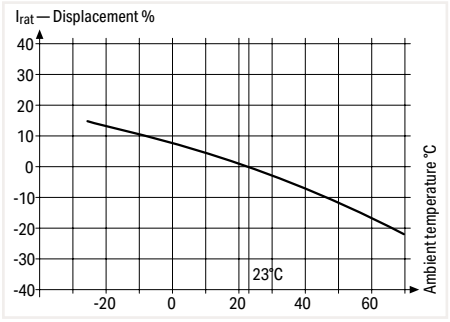
Color	Item No.	Pack. Unit
gray	2006-1681	25



Application Notes on Terminal Blocks for Miniature Metric Fuses
Diagram: Individual arrangement



Application Notes on Terminal Blocks for Miniature Metric Fuses
Diagram: Block arrangement



Application Notes on Terminal Blocks for Miniature Metric Fuses
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 ambient operating 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

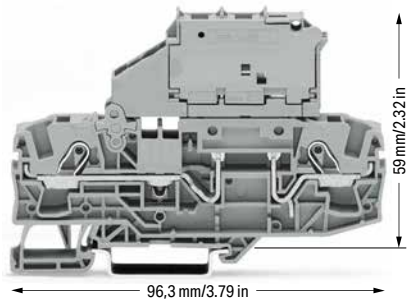
With regard to product safety, fuse cartridges must generally be tested both under normal and faulty operating conditions within your application.

PUSH-IN CAGE CLAMP®

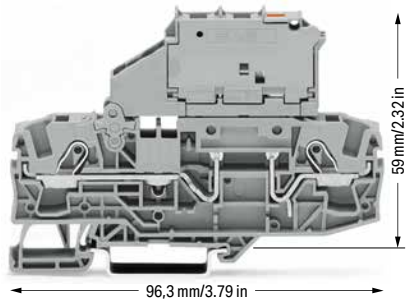
Fused Disconnect Terminal Block with Pivoting Fuse Holder; for 5 x 20 mm, 5 x 30 mm and ¼" x 1¼" Miniature Metric Fuses

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, 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: 1 … 10 mm² "s"
and 1.5 … 6 mm²
"insulated ferrules, 12 mm"

❷ 8000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

" Please observe the application notes:
Jumpers, from page 149
Marking, from page 230

" 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 miniature metric fuse

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

for (5 x 30) mm miniature metric fuse

gray	2006-1621	25

for ¼" x 1¼" miniature metric fuse

gray	2006-1631	25

Other terminal blocks with the same profile:

Through	2006-1601	Page 90

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 miniature metric 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 miniature metric fuse

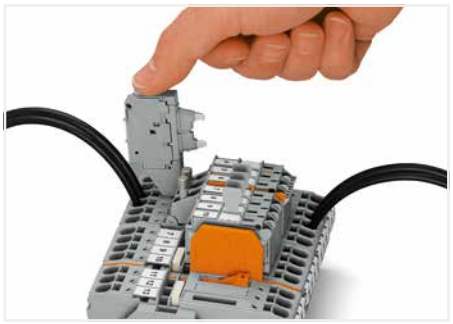
12 … 30 V	2006-1621/1000-541	25
30 … 65 V	2006-1621/1000-542	25
120 V	2006-1621/1000-867	25
230 V	2006-1621/1000-836	25
380 … 500 V	2006-1621/1000-859	25

for ¼" x 1¼" miniature metric fuse

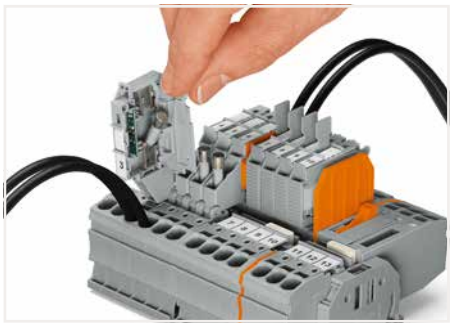
12 … 30 V	2006-1631/1000-541	25
30 … 65 V	2006-1631/1000-542	25
120 V	2006-1631/1000-867	25
230 V	2006-1631/1000-836	25
380 … 500 V	2006-1631/1000-859	25

Other terminal blocks with the same profile:

Through	2006-1601	Page 90



Fused disconnect terminal block with a pivoting fuse holder
Pivot 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

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

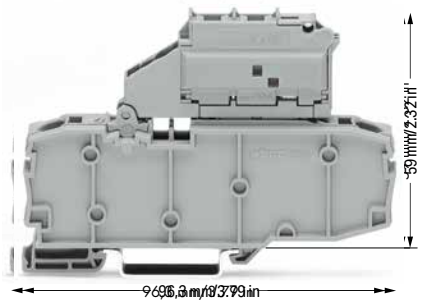
plain	793-5501	5

PUSH-IN CAGE CLAMP®

Fused Disconnect Terminal Block with Pivoting Fuse Holder; for ¼" x 1¼" Miniature Metric Fuses

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, 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	



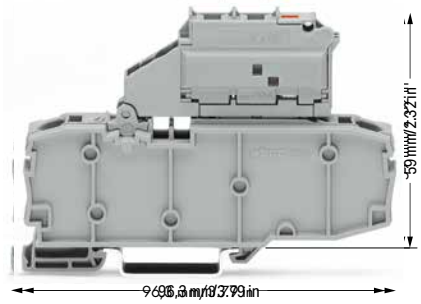
Fused disconnect terminal block with a pivoting fuse holder and end plate; without blown fuse indication
Electrical ratings are given by the fuse.

for ¼" x 1¼" miniature metric fuse

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

Other terminal blocks with the same profile:		
Through	2006-1601	Page 90

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" miniature metric 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

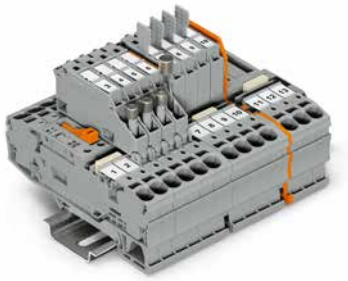
Other terminal blocks with the same profile:		
Through	2006-1601	Page 90

❶ Conductor range: 0.5 … 10 mm² "s+f-st"
Push-in termination: 1 … 10 mm² "s"
and 1.5 … 6 mm²
"insulated ferrules, 12 mm"

❷ 8000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

" Please observe the application notes:
Jumpers, from page 149
Marking, from page 230

" 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

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

plain	793-5501	5

Miniature fuses

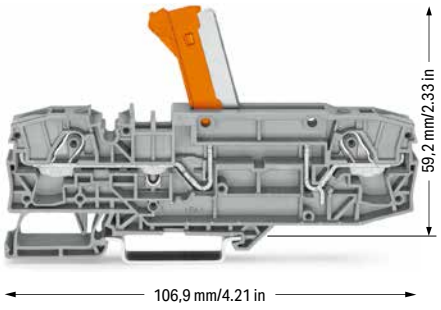
Series Item No.		Overload and short circuit protection		Short circuit protection only	
		Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
		Fused disconnect terminal blocks			
2006-1611	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-1621	7.5	1.6 W	1.6 W	2.5 W	2.5 W
2006-1631	7.5	1.6 W	1.6 W	2.5 W	2.5 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 miniature metric 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 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; 30 A; Through/Carrier Terminal Block of Same Profile
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

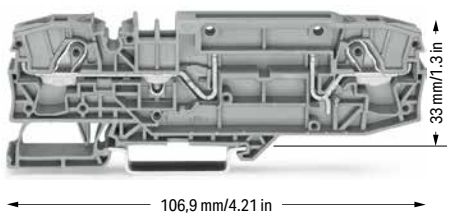


2-conductor disconnect/test terminal block; with test point; orange disconnect link

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

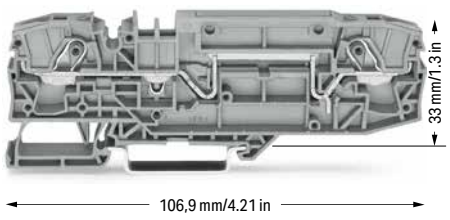
Accessories; item-specific

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/Mini-WSB/Marker 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

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: 1 … 10 mm² “s”
and 1.5 … 6 mm²
“insulated ferrules, 12 mm”

❷ 1000 VAC/DC = rated voltage
1500 VDC
12 kV = rated impulse voltage
3 = pollution degree

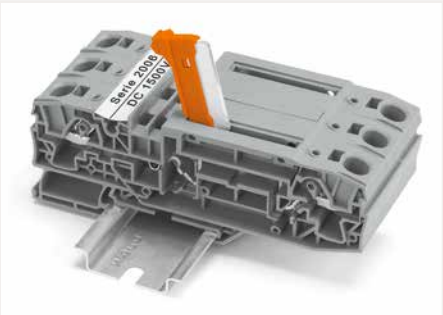
“ Please observe the application notes:
Marking, from page 230

“ Protective warning markers must be applied individually.

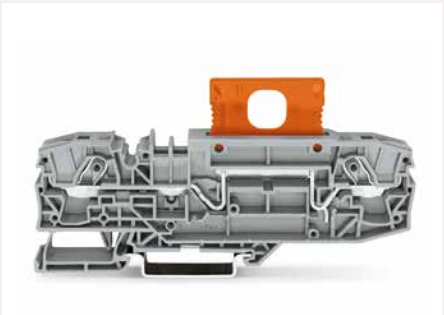
“ Approvals and corresponding ratings, visit www.wago.com

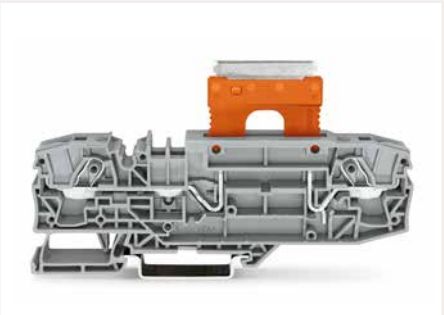
Both 2006-8671 and 2006-8661 TOPJOB® S Disconnect Terminal Blocks are specially designed for use in photovoltaic and wind power systems, where voltages exceeding 1,000 V (IEC) and 600 V (UL) are required (e.g., generator junction boxes).

- 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 TOPJOB® S terminal blocks

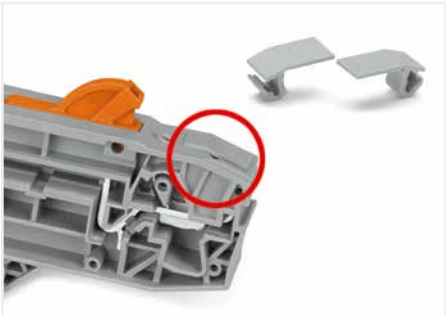


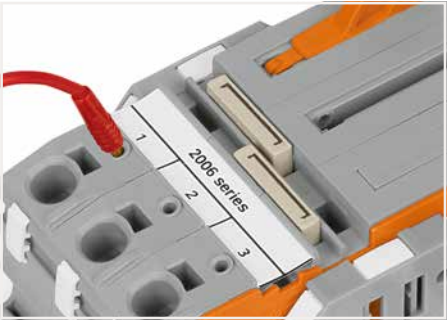
Disconnect/test terminal block with knife disconnect (2006-8671) in disconnect position


Carrier terminal block with disconnect plug (2006-8401) in operating position


Carrier terminal block with disconnect plug (2006-8401) in parked position

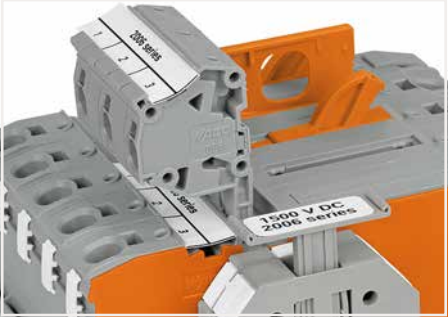
Commoning a 15 mm-wide terminal block via push-in type jumper bars: 1 to 3 (2006-433) and 1 to 5 (2006-435).


Cover (2006-191) seals unused conductor entry.



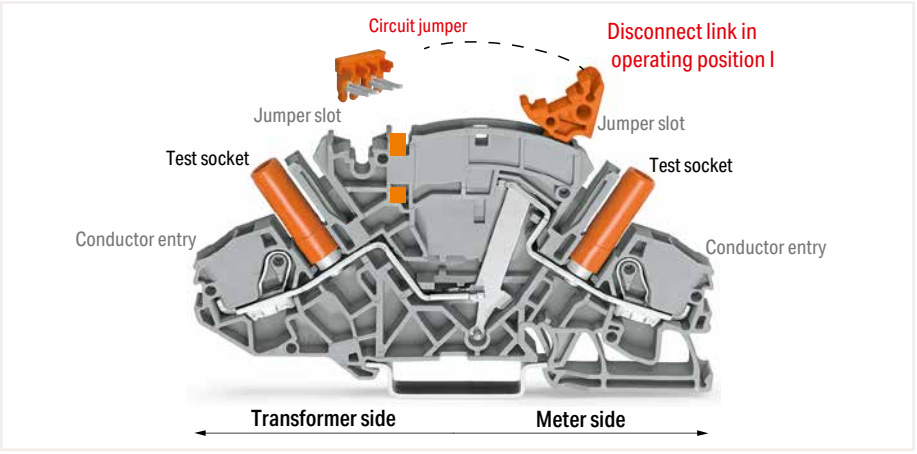
Test slots on both terminal block sides allow for direct measurement.

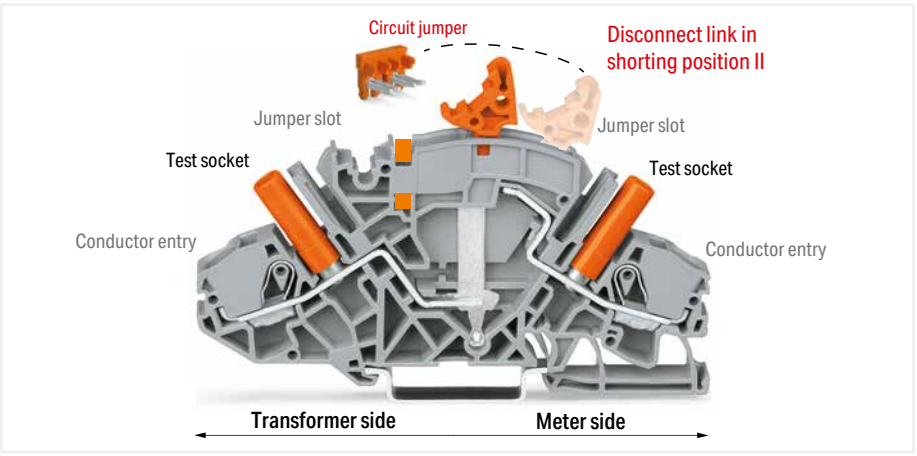

Test slots on both terminal block sides allow for direct measurement.

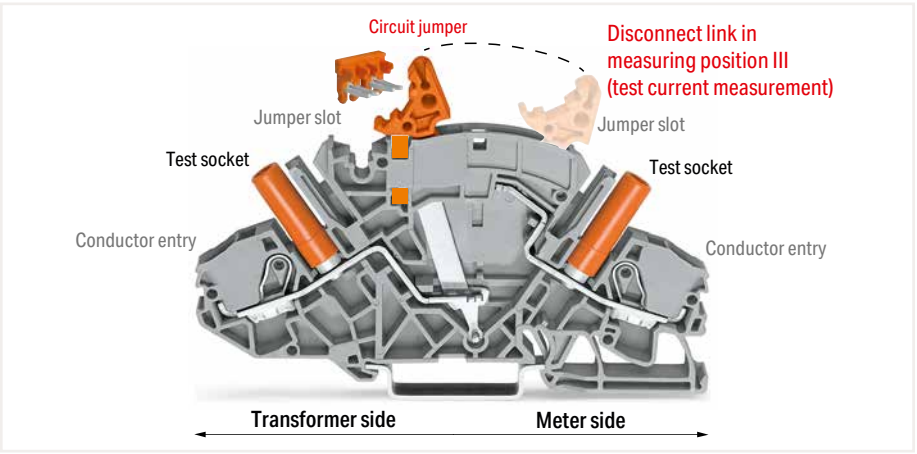


Alternatively, measurement can also be performed using TOPJOB® S Connectors (2006-511) from terminal block 1 to 2. Spacer modules (2006-549) must be used to compensate for the 15 mm terminal block width.

Current Transformer Terminal Blocks, 2007-8821 (Orange Disconnect Link)
TOPJOB® S







WAGO's TOPJOB® S 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.

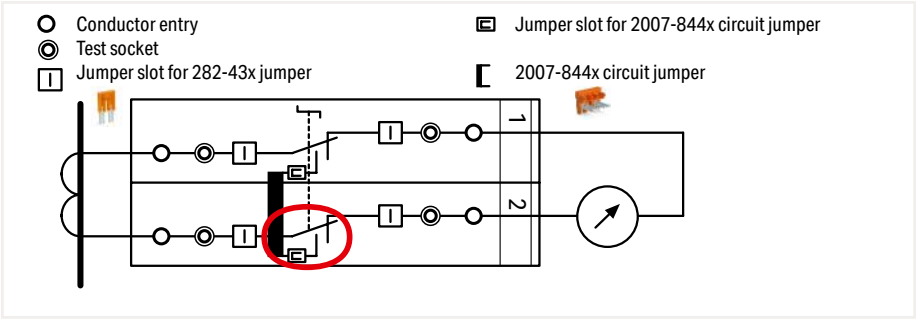
Preparing shorting path for the current transformer circuits.

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.

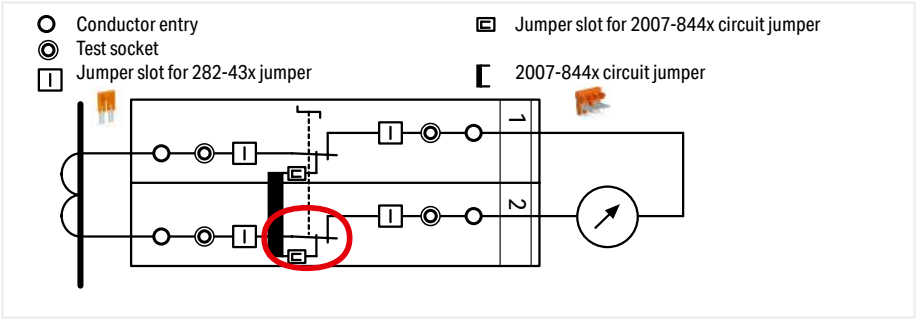
Implementing a Current and Voltage Transformer Circuit
TOPJOB® S

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)



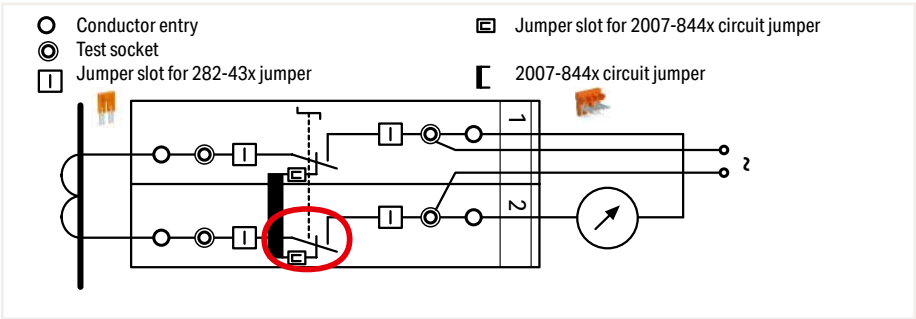
In the operating position, the measurement device is connected to the transformer, the circuit jumper is inserted and the disconnect link is in position I.

Disconnect link in shorting position II



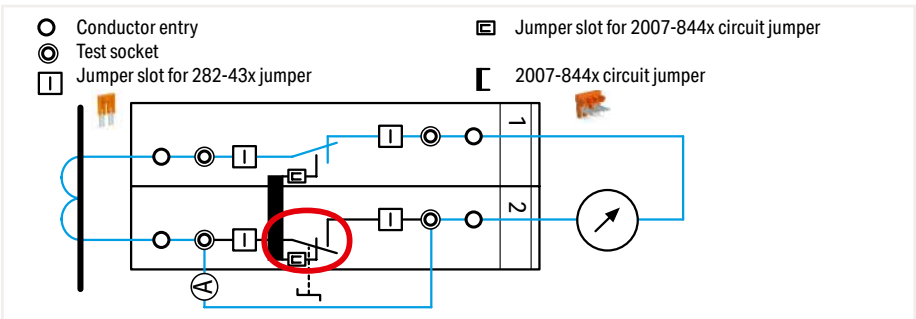
The transformer is not disconnected from the measuring device yet, the shorting path is activated by moving the disconnect link into shorting position II and the transformer is safely shorted.

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.

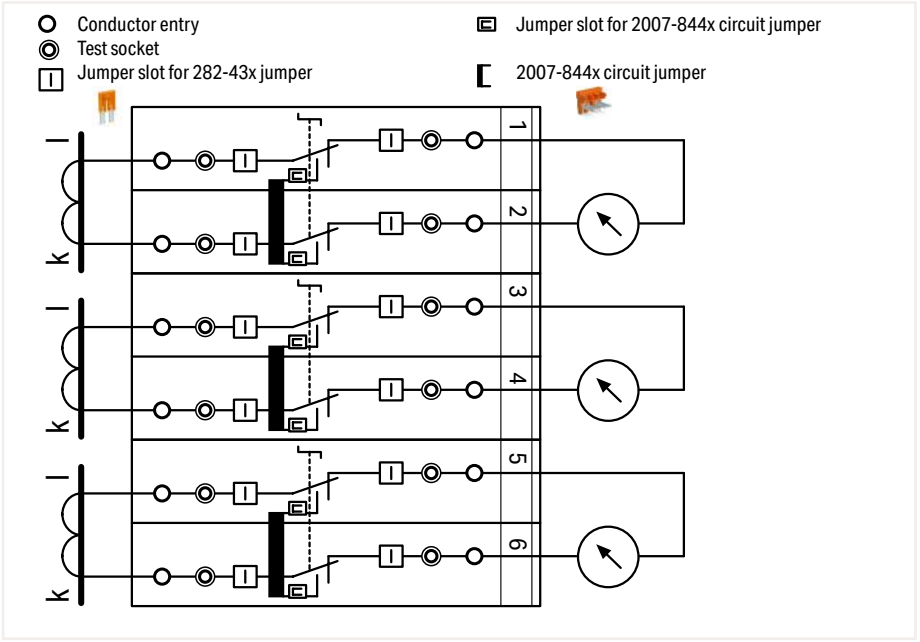
Measurement testing (using both test sockets)
Terminal block 1: Disconnect link in operating position I
Terminal block 2: Disconnect link in measuring position III



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).

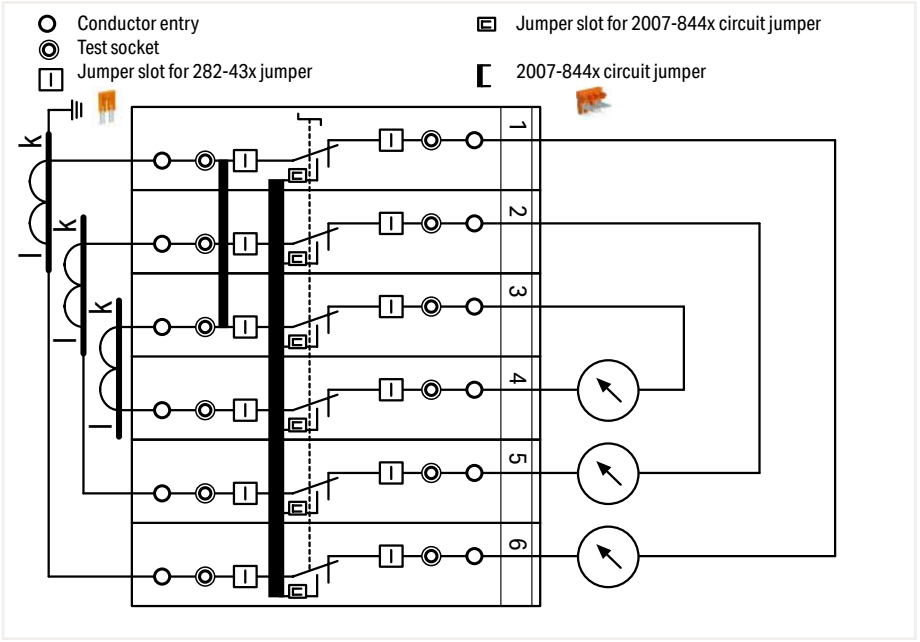
Examples for Current Transformer Circuits
TOPJOB® S

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



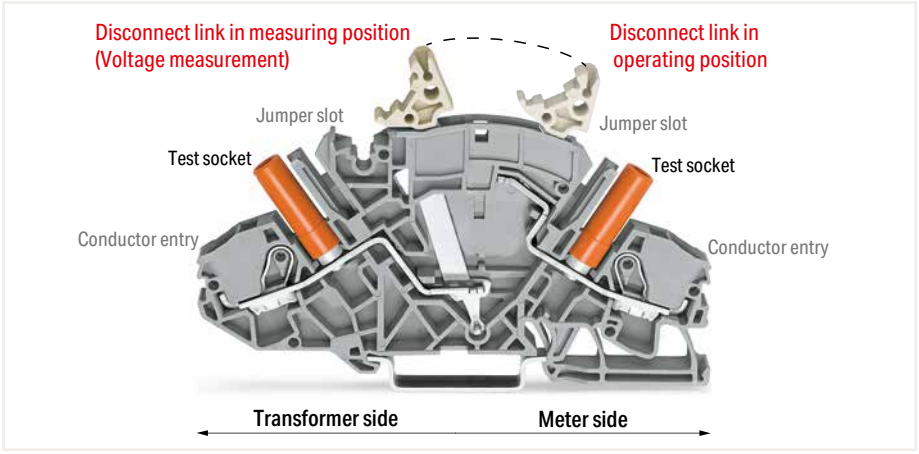
Pairs of disconnect links are interconnected via locking cover or interlocking link. Measurement testing is performed after the interlocking is released.

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.

2007-8811 Voltage Transformer Terminal Blocks (Light Gray Disconnect Link)
TOPJOB® S



WAGO's TOPJOB® S Voltage Transformer (Disconnect/ Test) Terminal Block (2007-8811) is designed for current transformer circuits.

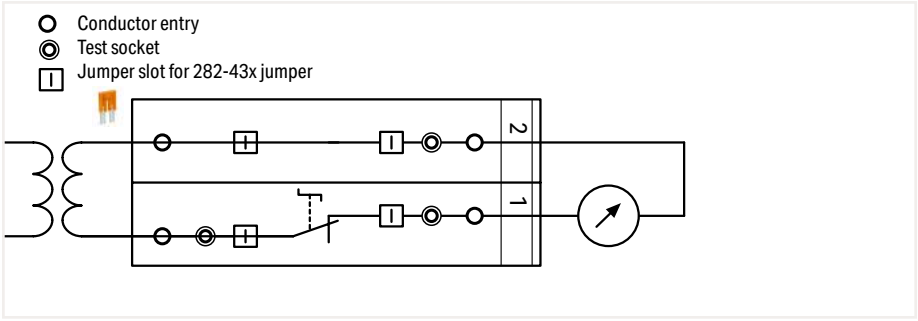
First, disconnect the voltage transformer from the circuit (move disconnect link from operating position to measuring position). Connecting a measurement device via test socket on the meter side can only be performed after disconnection is complete (measuring position).

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.

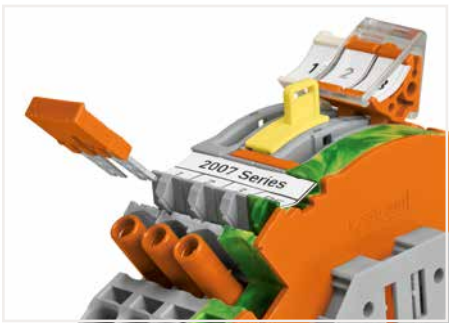
Example for voltage transformer testing
Measuring set for single-phase voltage transformer testing
Terminal blocks required:

- 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 measuring 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.



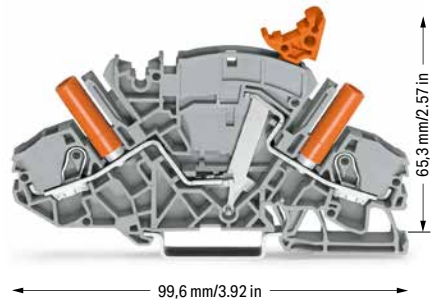
Additional commoning option on the transformer side

Multipole switching via snap-on type, transparent (locking) cover for disconnect links.

Disconnect/Test Terminal Block; 30 A; Through/Ground Conductor Terminal Block for Current and Voltage Transformer Circuits

TOPJOB® S; 6 (105) mm²; 2007 Series

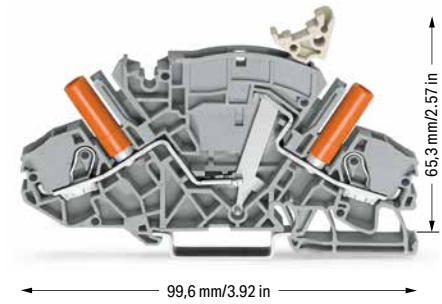
Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
500 V/6 kV/3 ❷	300 V, 30 A
I_N 30 A	
Terminal block width: 8 mm / 0.315 inch	
13 … 15 mm / 0.51 … 0.59 inch	



2-conductor disconnect/test terminal block; with touch-proof test sockets; for 4 mm Ø test plugs; e.g., current transformer circuits; with circuit jumper slot

Color	Item No.	Pack. Unit
gray	2007-8821	20

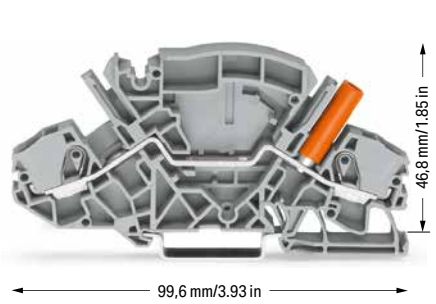
Technical Data	
0.5 … 6 (10) mm² ❶	20 … 8 AWG
500 V/6 kV/3 ❷	300 V, 30 A
I_N 30 A	
Terminal block width: 8 mm / 0.315 inch	
13 … 15 mm / 0.51 … 0.59 inch	



Disconnect/test terminal block; with touch-proof test sockets; for 4 mm Ø test plugs; e.g., for voltage transformer circuits

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

Jumper; 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/Mini-WSB/Marker 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

1-3-5	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 Multi marking system; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

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: 1 … 10 mm² "s"
and 1.5 … 6 mm²
"insulated ferrules, 12 mm"

❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

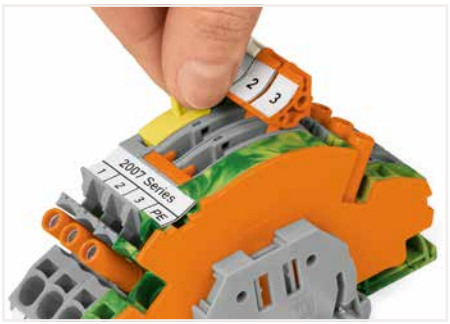
" Please observe the application notes:
Marking, from page 230

" 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 Multi marking system; 10 strips with 10 markers/ per card; for 5 … 17.5 mm terminal block width; yellow

k/l (50x)	794-5553/000-002	5

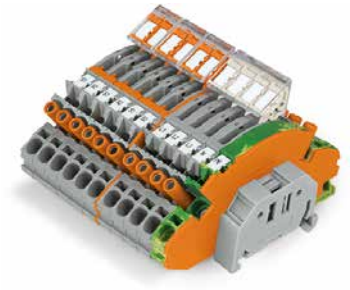
WMB Multi marking system; 10 strips with 10 markers/ per card; for 5 … 17.5 mm terminal block width; blue

U/V (50x)	794-5554/000-006	5

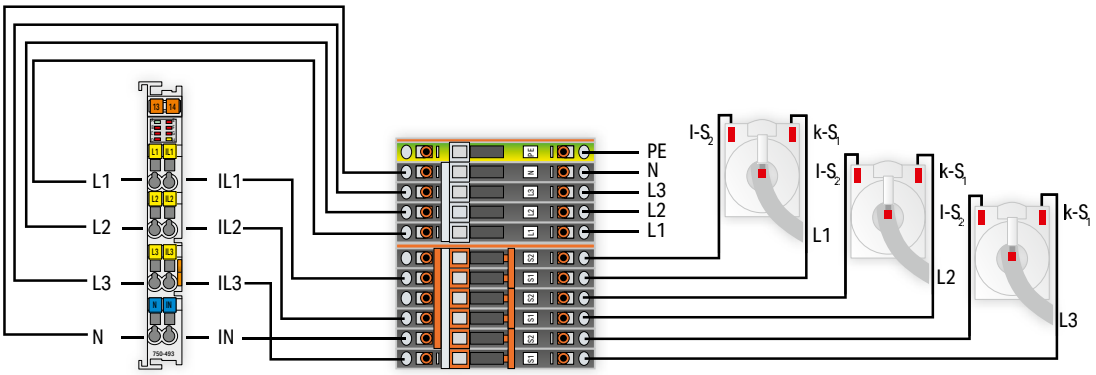
Interlocking link mechanically locks multiple links for multi-pole switching applications.

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 for Current and Voltage Transformers
TOPJOB® S; 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	1
Assembly width incl. end stop 11.2 cm	



3-Phase Power Measurement Module, 750 Series

Terminal Block Assembly for Current and Voltage Transformers, 2007 Series

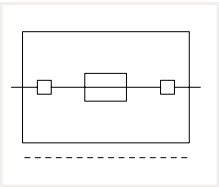
Current Transformers, 855 Series

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	1
Assembly width incl. end stop 8.5 cm	

Fuse Plug on 2.5 (4) mm² Carrier Terminal Block
TOPJOB® S; 2004 Series

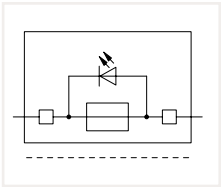
Technical Data
250 V / I_N 6,3 A
Plug width: 6.1 mm / 0.24 inch



Fuse plug with pull-tab; for (5 x 20) mm miniature metric 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 miniature metric 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

Fuse Plug Accessories

Appropriate marking systems: WMB/Mini-WSB/Marker 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)

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

orange	2002-401	100 (25)

" Approvals and corresponding ratings, visit www.wago.com

Fuse Plug Accessories

Appropriate marking systems: WMB/Mini-WSB/Marker 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)

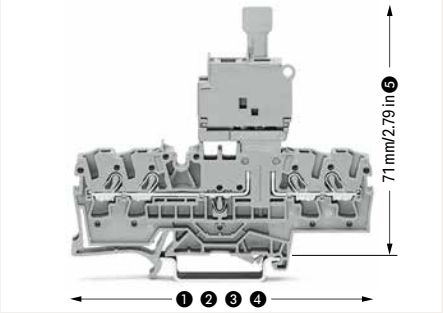
WMB Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

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

Fuse Plug on 2.5 (4) mm² Carrier Terminal Block
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

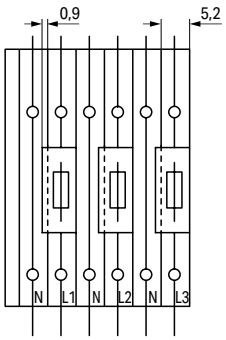
Using fuse plugs with rail-mount terminal blocks for control circuit protection is highly advantageous because the function and wiring levels are separated:
- No additional cost for assembly and wiring
- No risk of accidental contact with live parts when disconnecting the fuse plug
- The fuse plug is 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

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			
2004-911 2004-911/….-….	1.6 W	1.6 W	2.5 W	2.5 W

When selecting miniature metric fuses, make sure that the maximum power loss listed 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 miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.

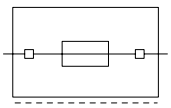


Open side of terminal block left

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 on 6 (10) mm² Carrier Terminal Block
TOPJOB® S; 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 miniature metric fuse

Color	Item No.	Pack. Unit
gray	2006-911	25

for 5 x 30 mm miniature metric fuse

Color	Item No.	Pack. Unit
gray	2006-921	25

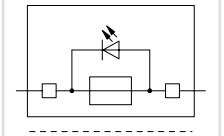
for ¼" x 1¼" miniature metric fuse

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)

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 miniature metric fuse

	Item No.	Pack. Unit
12 … 30 V	2006-911/1000-541	25
30 … 65 V	2006-911/1000-542	25
120 V	2006-911/1000-867	25
230 V	2006-911/1000-836	25

for 5 x 30 mm miniature metric fuse

	Item No.	Pack. Unit
12 … 30 V	2006-921/1000-541	25
30 … 65 V	2006-921/1000-542	25
120 V	2006-921/1000-867	25
230 V	2006-921/1000-836	25
380 … 500 V	2006-921/1000-859	25

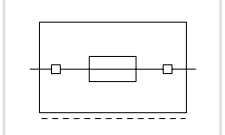
for ¼" x 1¼" miniature metric fuse

	Item No.	Pack. Unit
12 … 30 V	2006-931/1000-541	25
30 … 65 V	2006-931/1000-542	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)

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" miniature metric 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)

Fuse Plug Accessories

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

Appropriate marking systems: WMB/Mini-WSB/Marker Strips

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

gray	249-116	100 (25)

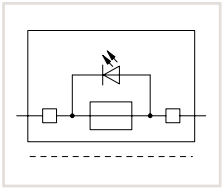
Screwless end stop; for DIN-35 rail; 10 mm wide

gray	249-117	50 (25)

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" miniature metric fuse

	Item No.	Pack. Unit
12 … 30 V	2006-931/1099-541	25
30 … 65 V	2006-931/1099-542	25
120 V	2006-931/1099-867	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)

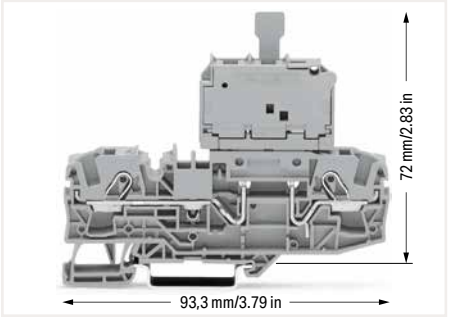
" Approvals and corresponding ratings, visit www.wago.com

Miniature 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

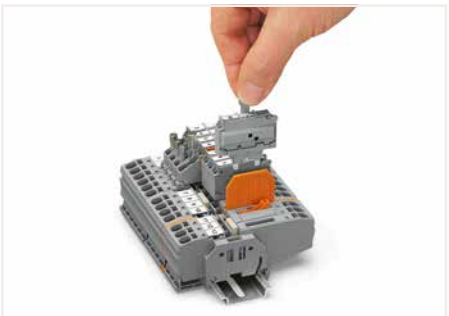
Using fuse plugs with rail-mount terminal blocks for control circuit protection is highly advantageous because the function and wiring levels are separated:
- No additional cost for assembly and wiring
- No risk of accidental contact with live parts when disconnecting the fuse plug
- The fuse plug is 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

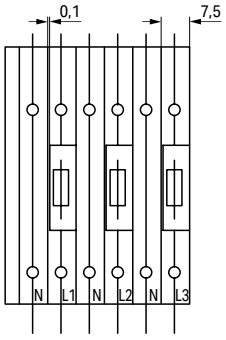


Fuse plug dimensions

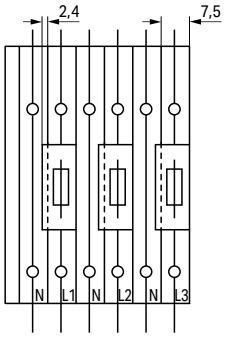
Pivoting fuse holder with spare fuse holder



The end plate ensures that the fuse can only be removed when the fuse plug is pulled out.



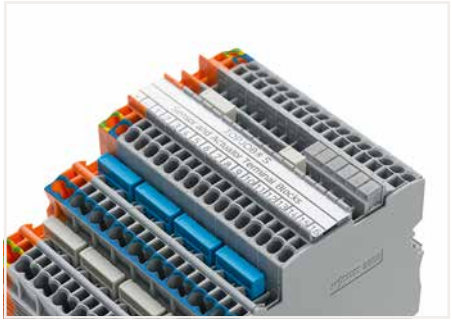
Open side of terminal block left



Open side of terminal block left

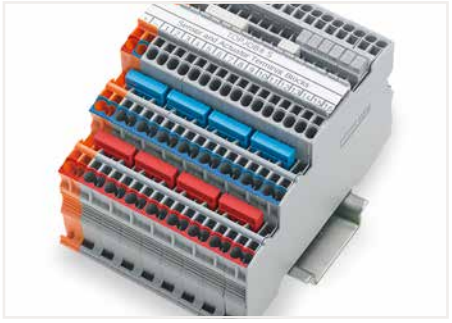
When using 10.4 mm wide plugs, please note:
The extra width of the plug (10.4 mm compared to 7.5 mm for carrier terminal blocks) must be compensated for with intermediate plates (2.9 mm) when building an assembly of carrier terminal blocks equipped with fuse plugs.

Sensor and Actuator Terminal Blocks
2000 Series
Description and Installation



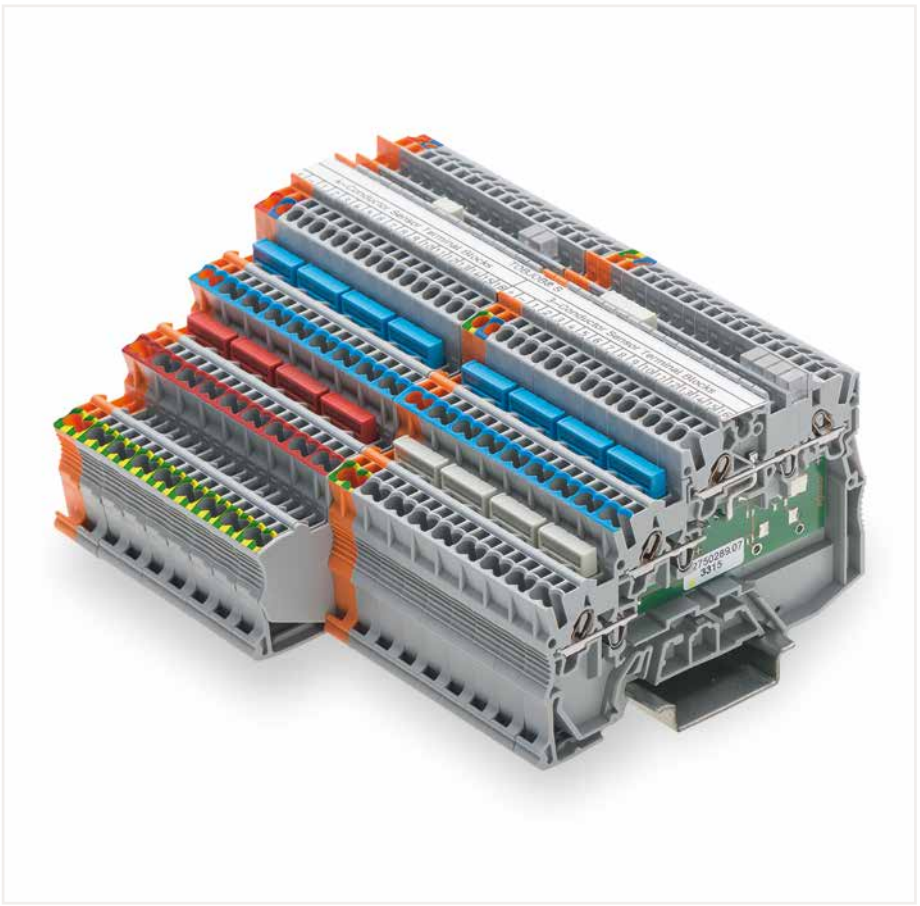
Commoning (signal level):
Commoning the signal level with push-in type jumper bars (2000 Series). Models with an LED can only be commoned in one jumper slot.
TOPJOB® S Test Plug Adapters can be used in all jumper slots.

Upper level: two independent signal pathways

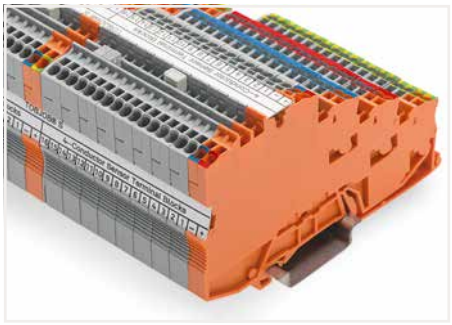


Commoning (potential level):
Commoning potential levels via push-in type jumper bars (2000 Series).

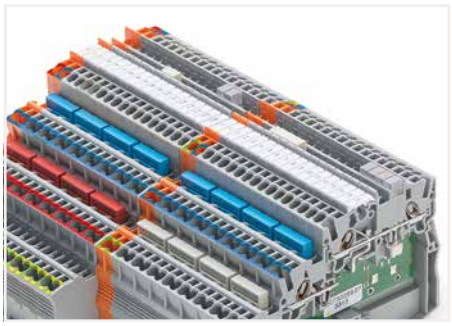
Power supply
orange supply terminal block of same profile from both the cabinet and sensor sides.



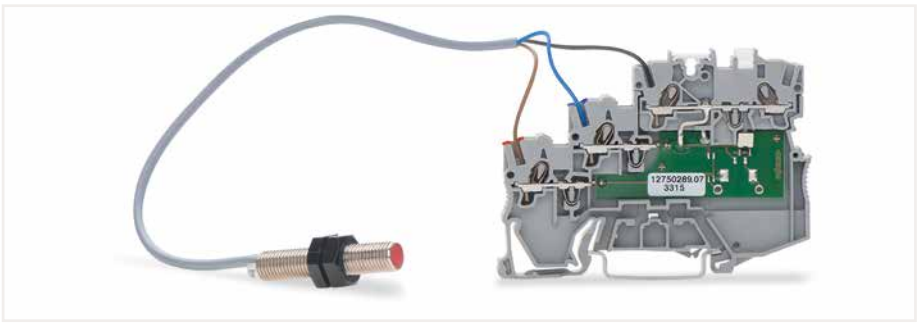
Terminal block assembly with 4-conductor sensor terminal blocks and 3-conductor actuator terminal blocks



Marking
marking strips (2009-110) – from the top or the side.



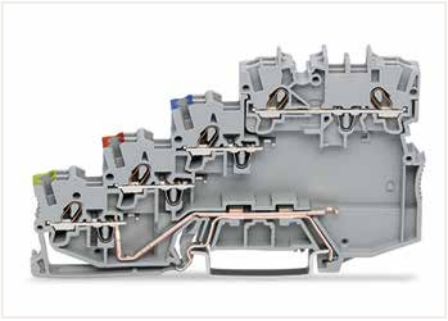
Marking
3.5 mm WMB markers (793-35xx) from the top or the side – additional marking option via marker carrier.



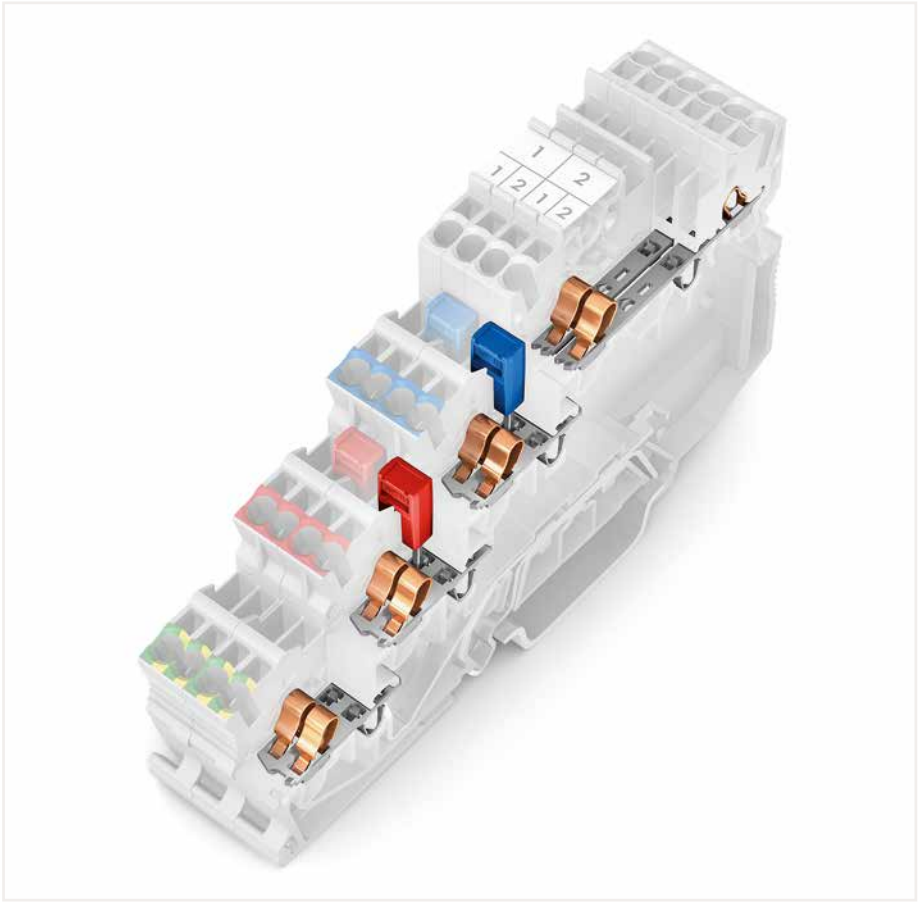
3-conductor sensor LED terminal block with a connected sensor

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

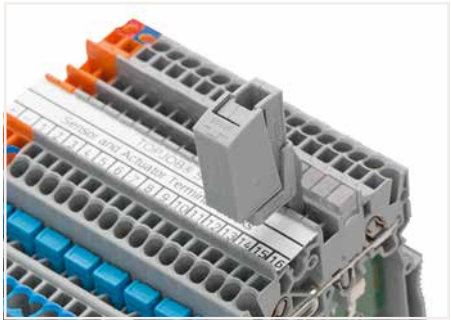


4-conductor sensor terminal block with ground contact

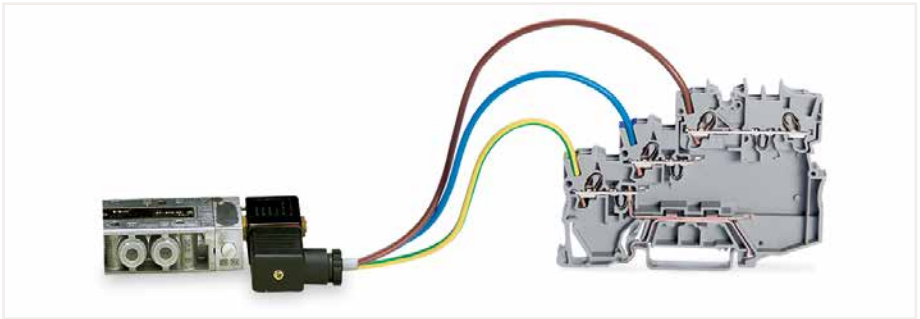


Upper level: two independent signal pathways, in 3.5 mm spacing per pole, with a dual jumper slot
Lower levels: two interconnected potential clamping units, with a single jumper slot, can be commoned in both directions

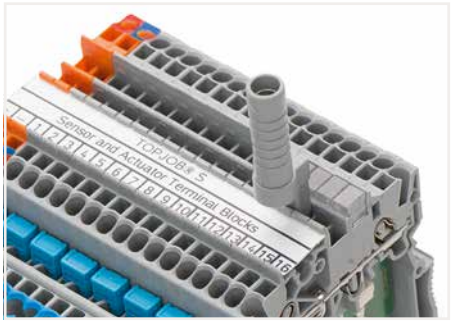
Ground commoning:
For sensor and actuator terminal blocks without ground connection to the DIN-rail, the ground connection can be performed by commoning to the terminal block with a ground foot.



Testing via testing tap (2009-182) (up to max. 42 V).



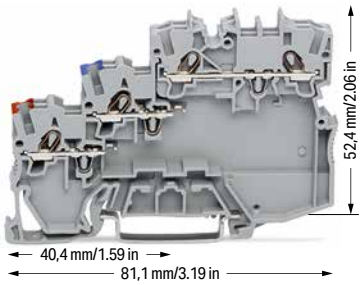
3-conductor actuator LED terminal block with a connected actuator



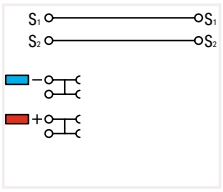
Testing via test plug adapter (2009-174) (up to max. 42 V).

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	



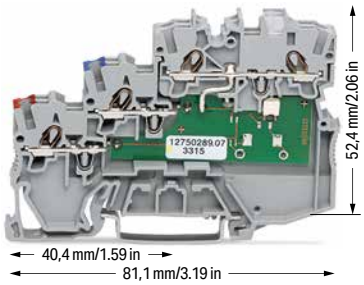
2000-5311



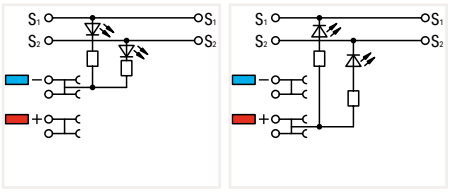
3-conductor sensor terminal block

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

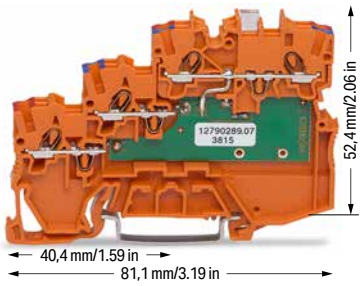


3-conductor sensor terminal block; yellow LED; for PNP (high-side) switching sensors

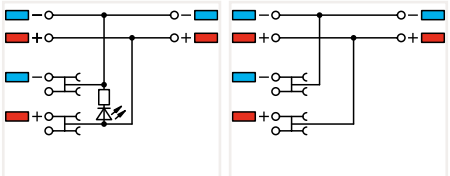
Color	Item No.	Pack. Unit
gray	2000-5311/1102-950	50

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

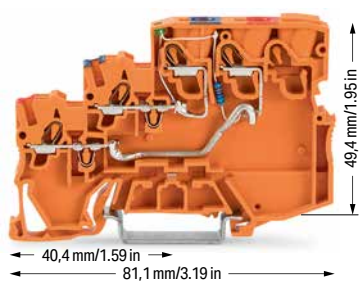


3-conductor sensor LED supply terminal block; green LED; 24 VDC

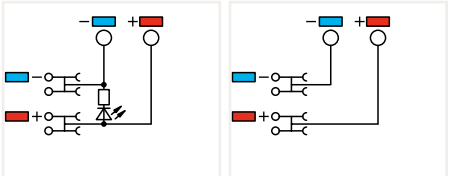
Color	Item No.	Pack. Unit
orange	2000-5372/1102-953	15

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"

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree

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 146

" 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 Multi marking system; white; 10 strips with 10 markers/card; for 3.5 mm terminal block width

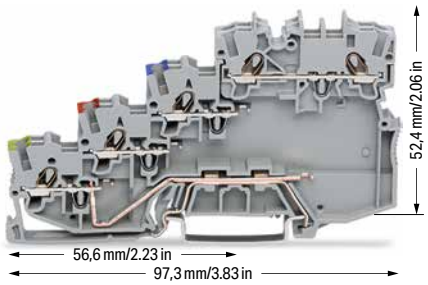
plain	793-3501	5

Operating tool with a partially insulated shaft; type 1; (2.5 x 0.4) mm blade

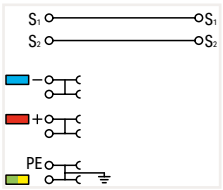
	210-719	1

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	



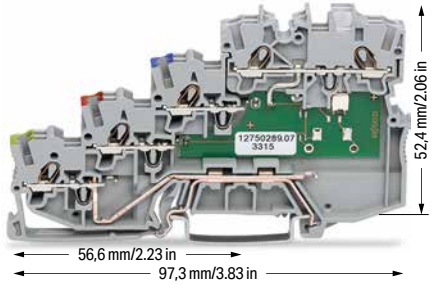
2000-5417



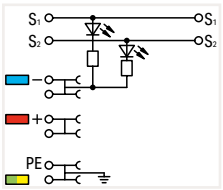
4-conductor sensor terminal block; with ground connection

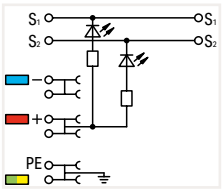
Color	Item No.	Pack. Unit
gray	2000-5417	50

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



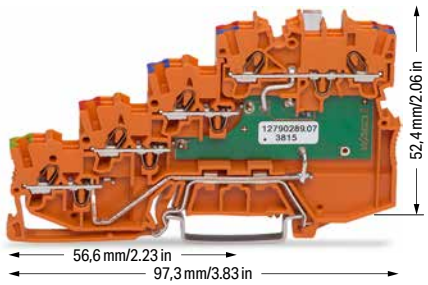


4-conductor sensor LED terminal block; yellow LED; for PNP (high-side) switching sensors; with ground connection

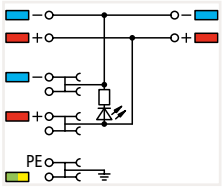
Color	Item No.	Pack. Unit
gray	2000-5417/1102-950	50

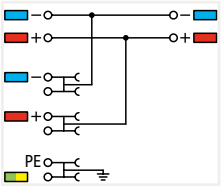
4-conductor sensor terminal block; yellow LED; for NPN (low-side) switching sensors; with ground connection

gray	2000-5417/1101-951	50



2000-5477/1102-953 2000-5477





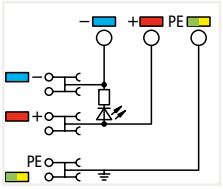
4-conductor sensor LED supply terminal block; green LED; 24 VDC; with ground connection

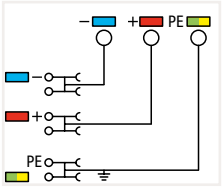
Color	Item No.	Pack. Unit
orange	2000-5477/1102-953	15

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"

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree

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 146

" 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 Multi marking system; white; 10 strips with 10 markers/card; for 3.5 mm terminal block width

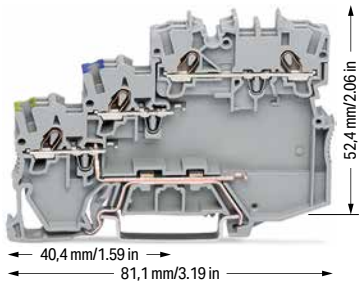
plain	793-3501	5

Operating tool with a partially insulated shaft; type 1; (2.5 x 0.4) mm blade

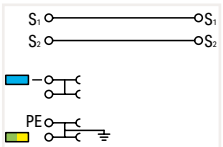
	210-719	1

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



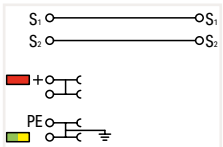
3-conductor actuator terminal block; for PNP (high-side) switching actuators; with ground connection

Color	Item No.	Pack. Unit
gray	2000-5317/102-000	50

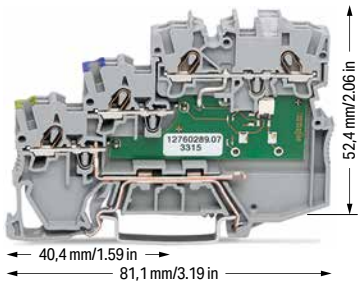
3-conductor actuator terminal block; for NPN (low-side) switching actuators; with ground connection

Color	Item No.	Pack. Unit
gray	2000-5317/101-000	50

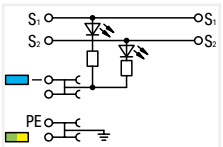
2000-5317/101-000



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



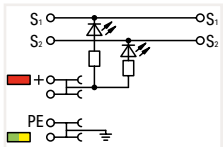
3-conductor actuator terminal block; yellow LED; for PNP (high-side) switching actuators; with ground connection

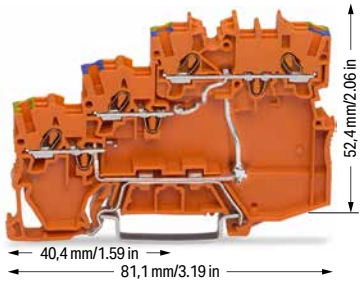
Color	Item No.	Pack. Unit
gray	2000-5317/1102-950	50

3-conductor actuator terminal block; yellow LED; for NPN (low-side) switching actuators; with ground connection

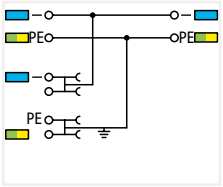
Color	Item No.	Pack. Unit
gray	2000-5317/1101-951	50

2000-5317/1101-951





2000-5377/102-000



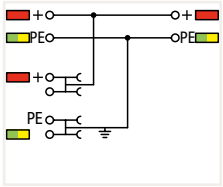
3-conductor actuator supply terminal block; max. 250 V; for PNP (high-side) switching actuators; with ground connection; internally commoned

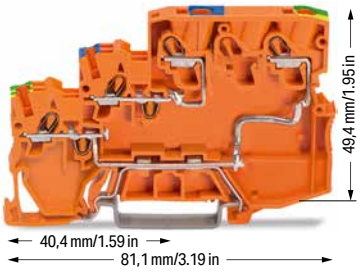
Color	Item No.	Pack. Unit
orange	2000-5377/102-000	15

3-conductor actuator supply terminal block; max. 250 V; for NPN (low-side) switching actuators; with ground connection

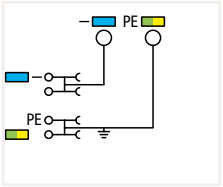
Color	Item No.	Pack. Unit
orange	2000-5377/101-000	15

2000-5377/101-000





2000-5357/102-000



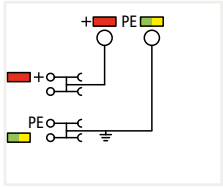
3-conductor actuator supply terminal block; max. 250 V; control panel side: 2.5 (4) mm²; max. 28 A; for PNP (high-side) switching actuators; with ground connection

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

2000-5357/101-000



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"

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree

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 146

" 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 Multi marking system; 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

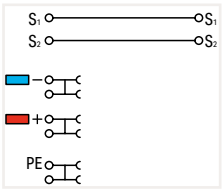
	210-719	1

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	

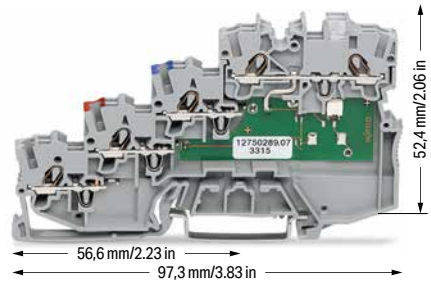
2000-5410



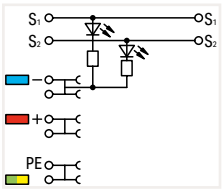
4-conductor sensor terminal block; with ground via push-in type jumper bar

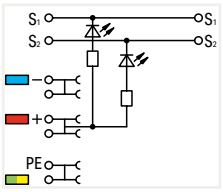
Color	Item No.	Pack. Unit
gray	2000-5410	50

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



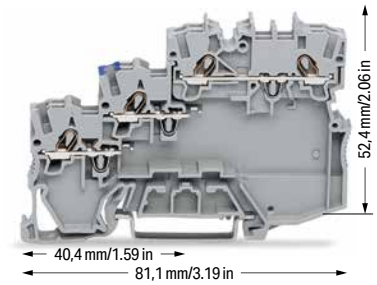


4-conductor sensor LED terminal block; yellow LED; for PNP (high-side) switching sensors; with ground via push-in type jumper bar

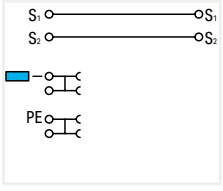
Color	Item No.	Pack. Unit
gray	2000-5410/1102-950	50

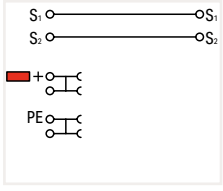
4-conductor sensor LED terminal block; yellow LED; for NPN (low-side) switching sensors; with ground via push-in type jumper bar

Color	Item No.	Pack. Unit
gray	2000-5410/1101-951	50



2000-5310/102-000 2000-5310/101-000



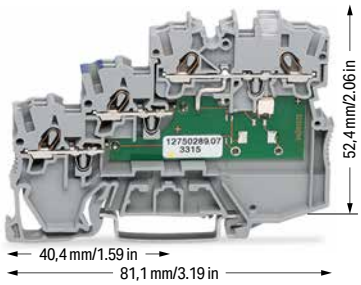


3-conductor actuator terminal block; for PNP (high-side) switching actuators; with ground via push-in type jumper bar

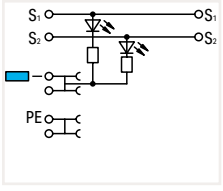
Color	Item No.	Pack. Unit
gray	2000-5310/102-000	50

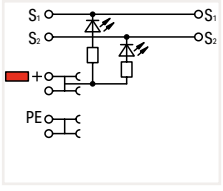
3-conductor actuator terminal block; for NPN (low-side) switching actuators; with ground via push-in type jumper bar

Color	Item No.	Pack. Unit
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

Color	Item No.	Pack. Unit
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"

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree

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 146

" 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

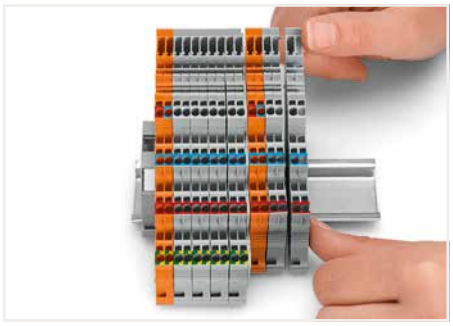
WMB Multi marking system; white; 10 strips with 10 markers/card; for 3.5 mm terminal block width

plain	793-3501	5

Operating tool with a partially insulated shaft; type 1; (2.5 x 0.4) mm blade

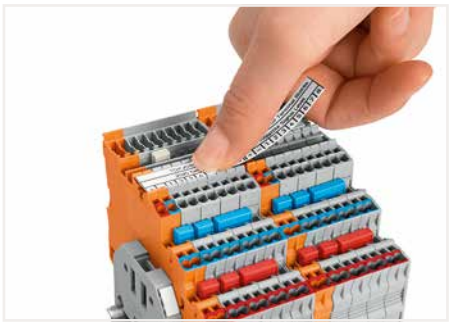
	210-719	1

Sensor and Actuator Terminal Blocks; with Pluggable Signal Level
2020 Series
Description and Installation

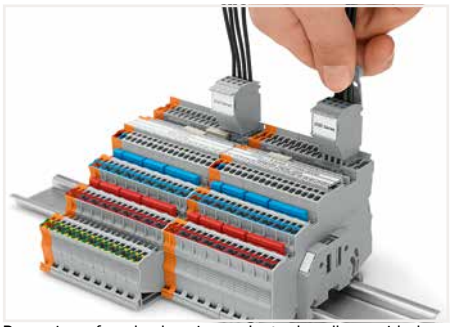


Snap individual terminal blocks onto the carrier rail and slide together.

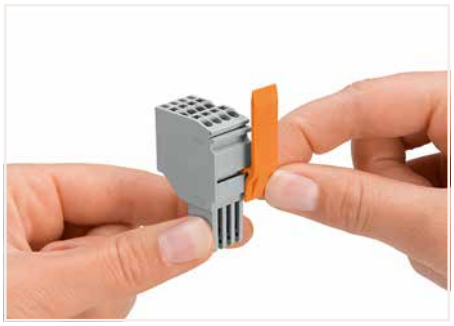
Separate terminal block assembly and slide individual terminal blocks laterally using an operating tool.



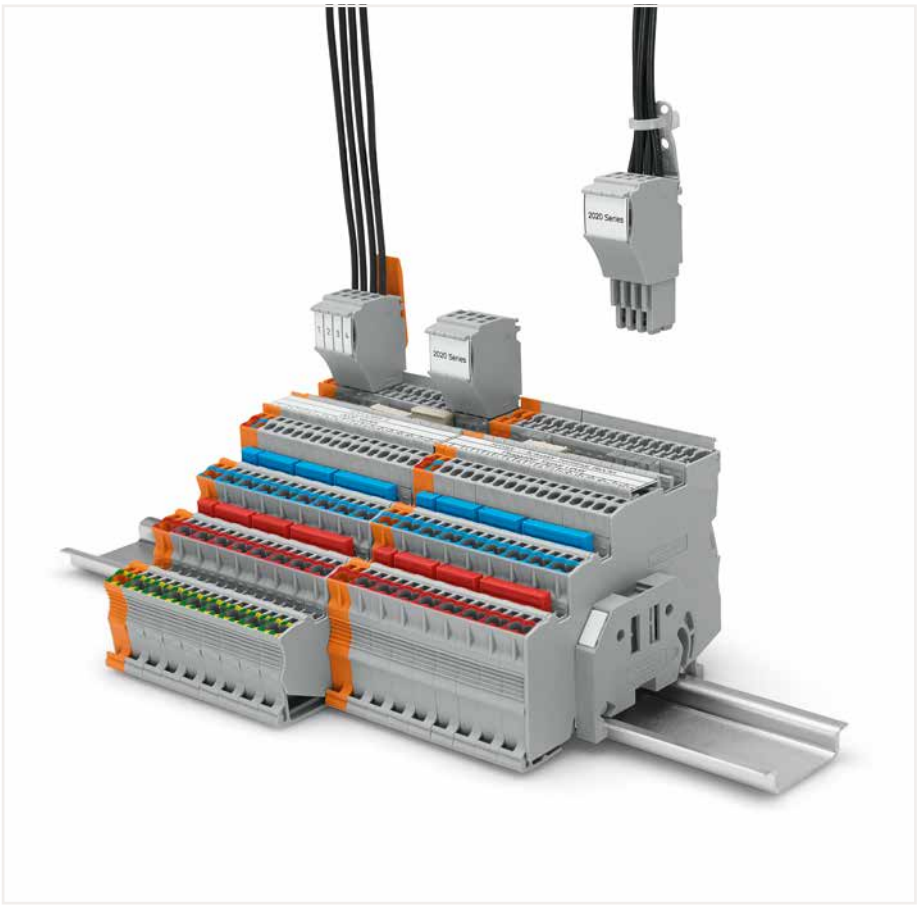
Labeling terminal blocks via marking strips (2009-110) or 3.5 mm wide WMB markers (793-35xx) – from the top or the side.



Removing a female plug via conductor bundle provided with strain relief plate.

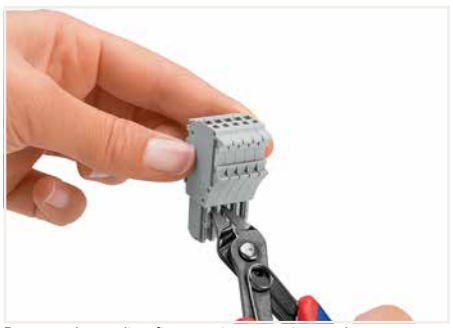


Slide the locking lever into position.



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.

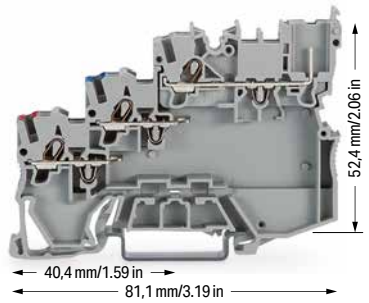


Remove the coding finger using a cutting tool.

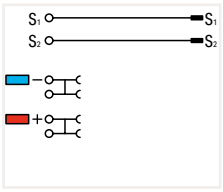
3-Conductor Sensor Terminal Block; with Pluggable Signal Level

TOPJOB® S; 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	



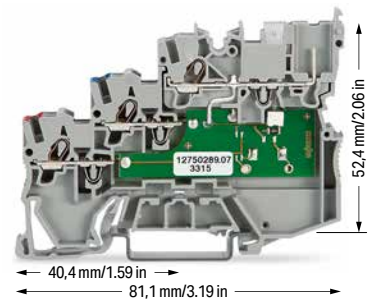
2020-5311



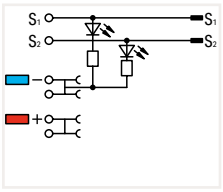
3-conductor sensor terminal block; with pluggable signal level

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	



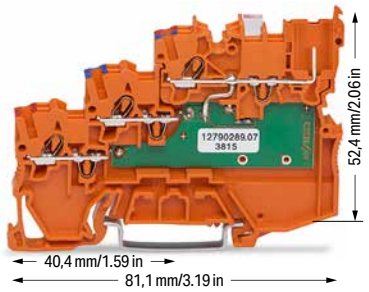
2020-5311/1102-950



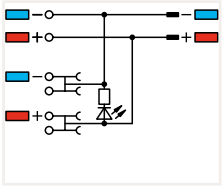
3-conductor sensor terminal block; yellow LED; for PNP (high-side) switching sensors; with pluggable signal level

Color	Item No.	Pack. Unit
gray	2020-5311/1102-950	50

Note:
According to EN 61984, pluggable connectors without 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.

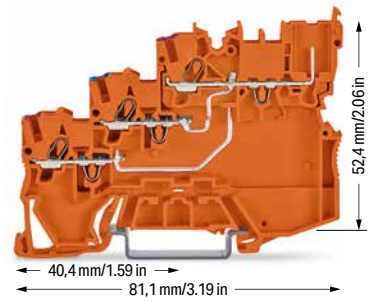


2020-5372/1102-953

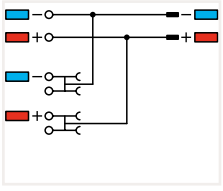


3-conductor sensor LED supply terminal block; green LED; 24 VDC; with pluggable signal level

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"

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree

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 146

" 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

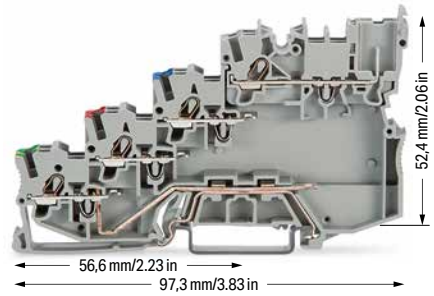
Test plug adapter; for 4 mm Ø test plug

gray	2009-174	100 (25)

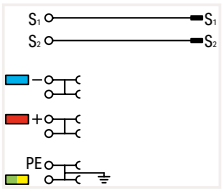
4-Conductor Sensor Terminal Block; with Pluggable Signal Level

TOPJOB® S; 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	



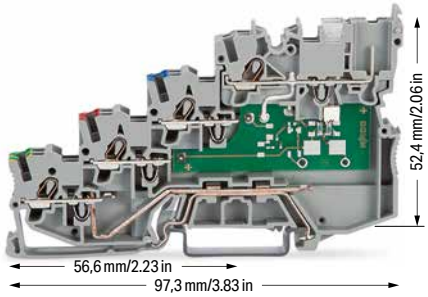
2020-5417



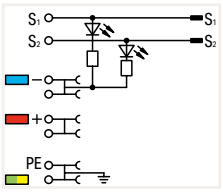
4-conductor sensor terminal block; with ground connection; with pluggable signal level

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	



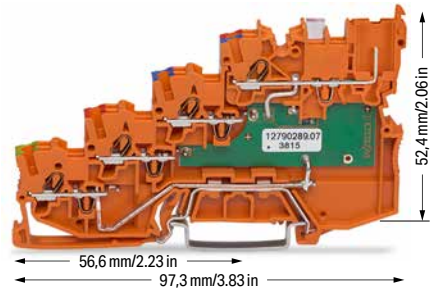
2020-5417/1102-950



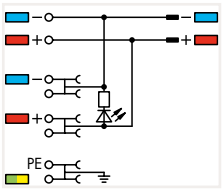
4-conductor sensor terminal block; yellow LED; for PNP (high-side) switching sensors; with ground connection; with pluggable signal level

Color	Item No.	Pack. Unit
gray	2020-5417/1102-950	50

Note:
According to EN 61984, pluggable connectors without 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.

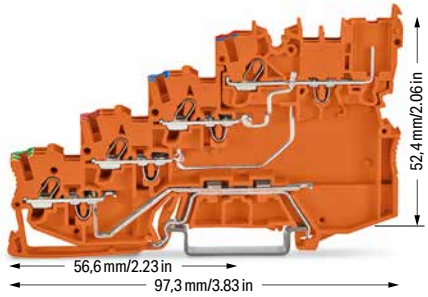


2020-5477/1102-953

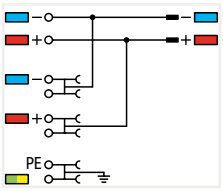


4-conductor sensor LED supply terminal block; green LED; 24 VDC; with ground connection; with pluggable signal level

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"

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree

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 146

" 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

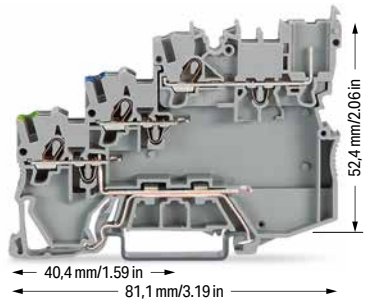
Test plug adapter; for 4 mm Ø test plug

	gray	2009-174	100 (25)

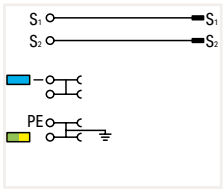
3-Conductor Actuator Terminal Block; with Pluggable Signal Level

TOPJOB® S; 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	



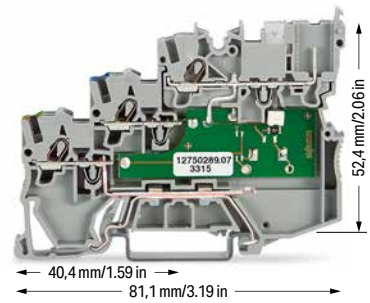
2020-5317/102-000



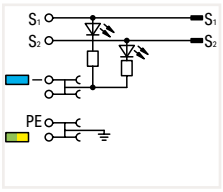
3-conductor actuator terminal block; for PNP (high-side) switching actuators; with ground connection; with pluggable signal level

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	



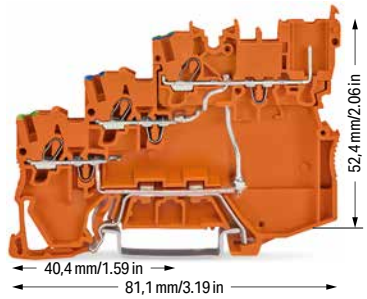
2020-5317/1102-950



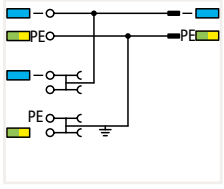
3-conductor actuator terminal block; yellow LED; for PNP (high-side) switching actuators; with ground connection; with pluggable signal level

Color	Item No.	Pack. Unit
gray	2020-5317/1102-950	50

Note:
According to EN 61984, pluggable connectors without 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"

❷ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree

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 146

" 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

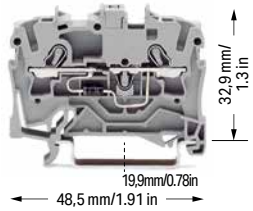
gray	2020-202	100

Test plug adapter; for 4 mm Ø test plug

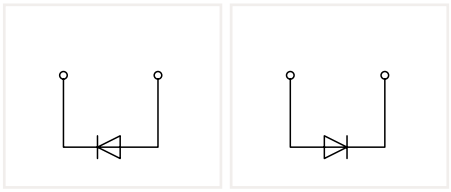
gray	2009-174	100 (25)

Diode Terminal Block and 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

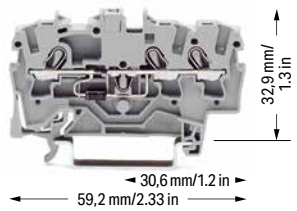


2-conductor diode terminal block; with 1N4007 diode

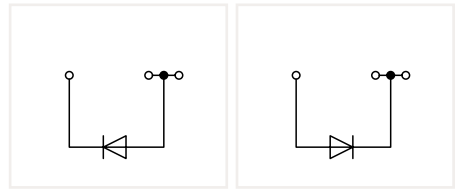
Color	Item No.	Pack. Unit
gray	2001-1211/1000-411	100
gray	2001-1211/1000-410	100

Other terminal blocks with the same profile:		
Through	2001-1201	Page 34

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

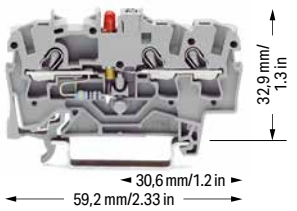


3-conductor diode terminal block; with 1N4007 diode

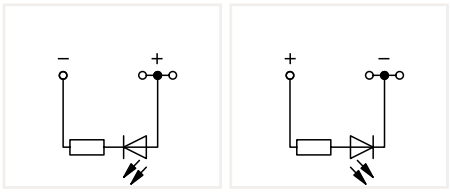
Color	Item No.	Pack. Unit
gray	2001-1311/1000-411	100
gray	2001-1311/1000-410	100

Other terminal blocks with the same profile:		
Through	2001-1301	Page 34

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	



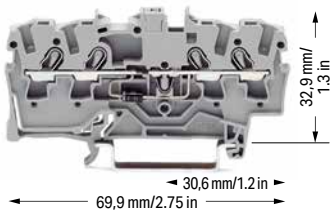
2001-1321/1000-413 2001-1321/1000-434



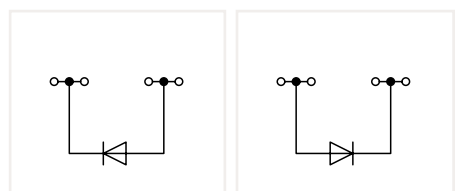
3-conductor LED terminal block; with red LED
Notice: This LED terminal block cannot be commoned with push-in type jumper bars.

Color	Item No.	Pack. Unit
gray	2001-1321/1000-413	100
gray	2001-1321/1000-434	100

Other terminal blocks with the same profile:		
Through	2001-1301	Page 34



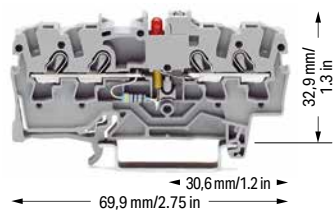
2001-1411/1000-411 2001-1411/1000-410



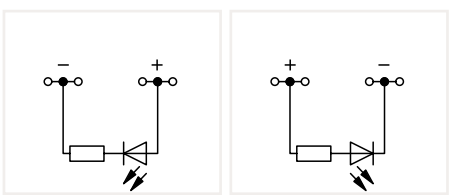
4-conductor diode terminal block; with 1N4007 diode

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 34



2001-1411/1000-413 2001-1411/1000-434



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	2001-1421/1000-413	100
gray	2001-1421/1000-434	100

Other terminal blocks with the same profile:		
Through	2001-1401	Page 34

Diode Terminal Block and LED Terminal Block
Circuit Configuration Examples

❶ Conductor range: 0.25 … 2.5 mm² “s+f-st”
Push-in termination: 0.5 … 2.5 mm² “s”
and 0.75 … 1.5 mm²
“insulated ferrules, 12 mm”

“ 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

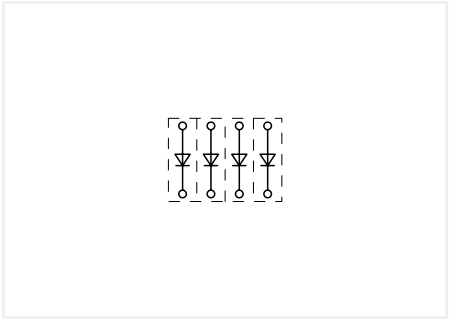
light gray	**2001-171**	200 (25)

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

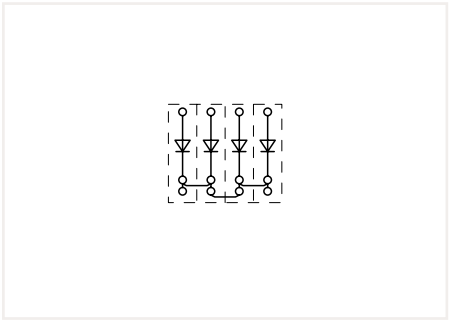
Push-in type jumper bar; insulated; I_N 18 A; light gray

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

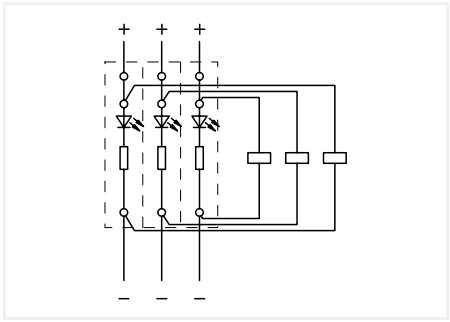


Open diode gates can be created using the following terminal blocks:
2001-1211/1000-410 or 2001-1211/1000-411

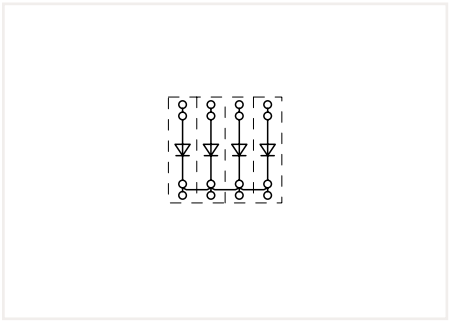
These diode terminal blocks have been specially developed for custom diode circuits, such as lamp test and collective fault signal circuits.



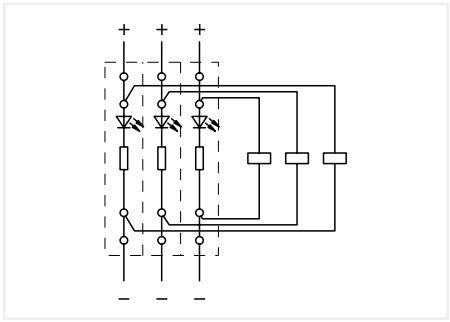
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2001-1311/1000-410 or 2001-1311/1000-411



Circuit-related voltage indications can be created using the following terminal blocks:
2001-1321/1000-434 or 2001-1321/1000-413



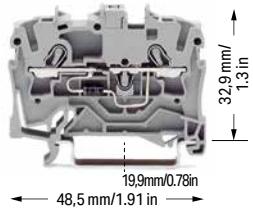
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2001-1411/1000-410 or 2001-1411/1000-411



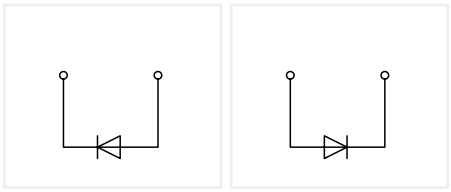
Circuit-related voltage indications can be created using the following terminal blocks:
2001-1421/1000-434 or 2001-1421/1000-413

Diode Terminal Block 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	



2002-1211/1000-411 2002-1211/1000-410

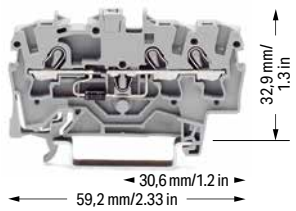


2-conductor diode terminal block; with 1N4007 diode

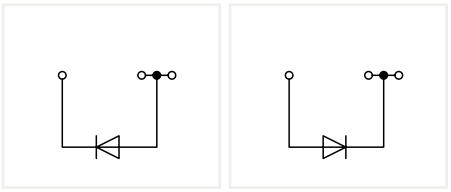
Color	Item No.	Pack. Unit
gray	2002-1211/1000-411	100
gray	2002-1211/1000-410	100

Other terminal blocks with the same profile:		
Through	2002-1201	Page 36

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

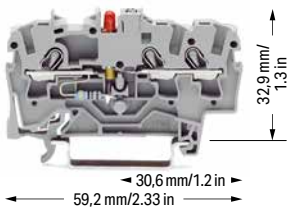


3-conductor diode terminal block; with 1N4007 diode

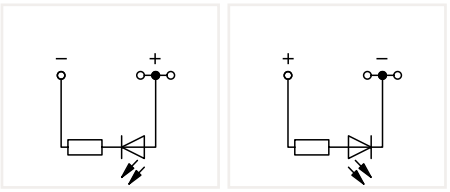
Color	Item No.	Pack. Unit
gray	2002-1311/1000-411	100
gray	2002-1311/1000-410	100

Other terminal blocks with the same profile:		
Through	2002-1301	Page 36

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	



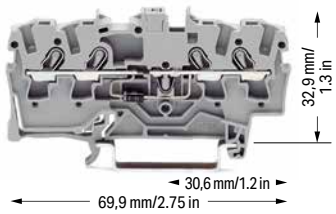
2002-1321/1000-413 2002-1321/1000-434



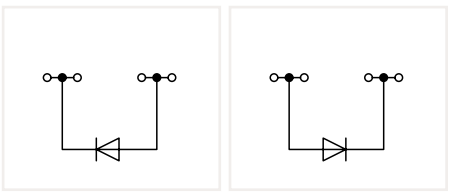
3-conductor LED terminal block; with red LED
Notice: This LED terminal block cannot be commoned with push-in type jumper bars.

Color	Item No.	Pack. Unit
gray	2002-1321/1000-413	100
gray	2002-1321/1000-434	100

Other terminal blocks with the same profile:		
Through	2002-1301	Page 36



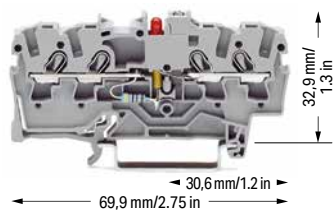
2002-1411/1000-411 2002-1411/1000-410



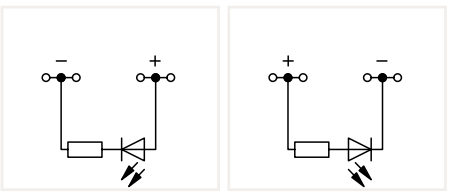
4-conductor diode terminal block; with 1N4007 diode

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 36



2002-1411/1000-413 2002-1411/1000-434



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	2002-1421/1000-413	100
gray	2002-1421/1000-434	100

Other terminal blocks with the same profile:		
Through	2002-1401	Page 36

Diode Terminal Block and LED Terminal Block
Circuit Configuration Examples

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

“ 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

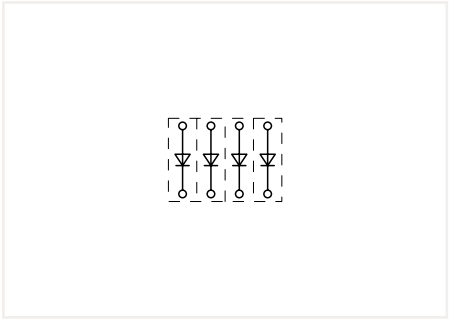
dark gray	**2002-172**	200 (25)

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

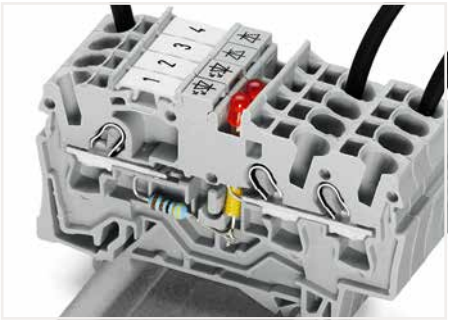
2-way	**2002-402**	25
3-way	**2002-403**	25
4-way	**2002-404**	25
5-way	**2002-405**	25
6-way	**2002-406**	25
7-way	**2002-407**	25
8-way	**2002-408**	25
9-way	**2002-409**	25
10-way	**2002-410**	25

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

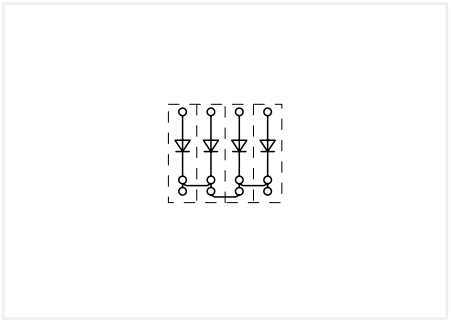
1 to 3	**2002-433**	25
1 to 4	**2002-434**	25
1 to 5	**2002-435**	25
1 to 6	**2002-436**	25
1 to 7	**2002-437**	25
1 to 8	**2002-438**	25
1 to 9	**2002-439**	25
1 to 10	**2002-440**	25



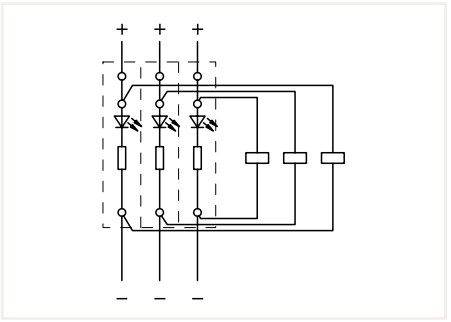
Open diode gates can be created using the following terminal blocks:
2002-1211/1000-410 or 2002-1211/1000-411



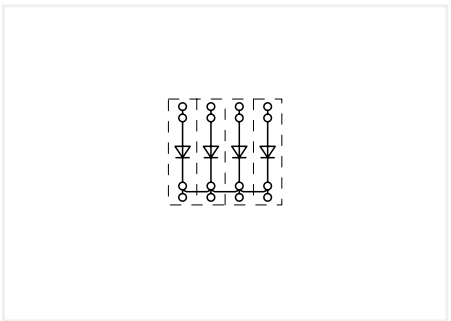
Using LED terminal blocks, monitoring units can be designed, e.g., for control and operating circuits.



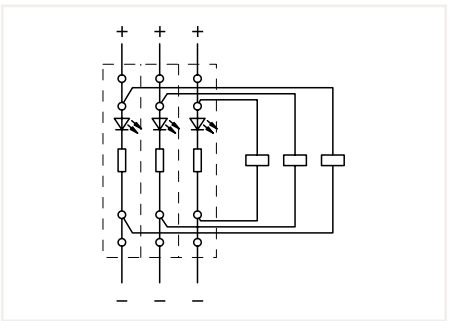
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2002-1311/1000-410 or 2002-1311/1000-411



Circuit-related voltage indications can be created using the following terminal blocks:
2002-1321/1000-434 or 2002-1321/1000-413



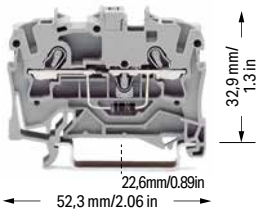
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2002-1411/1000-410 or 2002-1411/1000-411



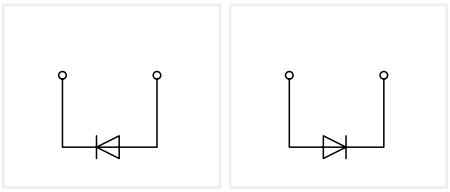
Circuit-related voltage indications can be created using the following terminal blocks:
2002-1421/1000-434 or 2002-1421/1000-413

Diode Terminal Block and LED 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	



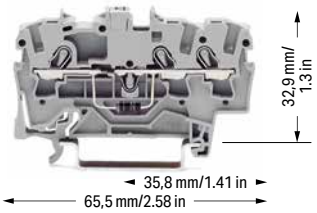
2004-1211/1000-401 2004-1211/1000-400



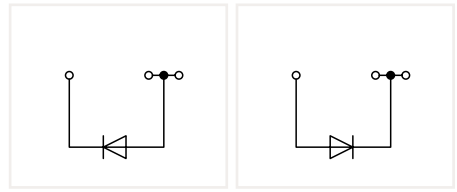
2-conductor diode terminal block; with 1N5408 diode		
Color	Item No.	Pack. Unit
gray	2004-1211/1000-401	50
gray	2004-1211/1000-400	50

Other terminal blocks with the same profile:		
Through	2004-1201	Page 40

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	



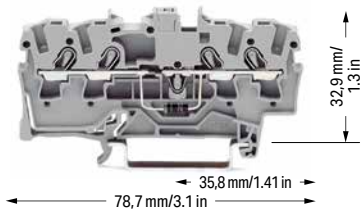
2004-1311/1000-401 2004-1311/1000-400



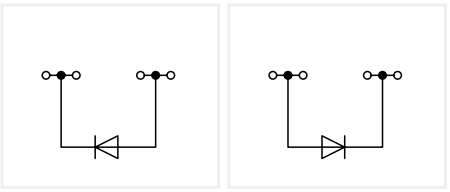
3-conductor diode terminal block; with 1N5408 diode		
Color	Item No.	Pack. Unit
gray	2004-1311/1000-401	50
gray	2004-1311/1000-400	50

Other terminal blocks with the same profile:		
Through	2004-1301	Page 40

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 40

Diode Terminal Block
Circuit Configuration Examples

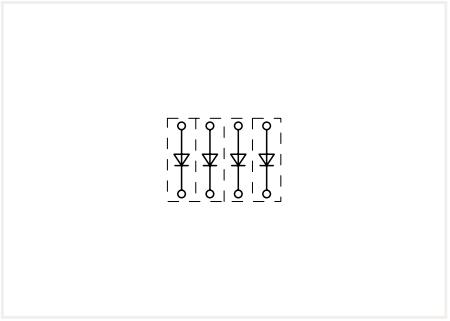
❶ Conductor range: 0.5 … 6 mm² “s+f-st”
Push-in termination: 1 … 6 mm² “s”
and 0.75 … 4 mm²
“insulated ferrules, 12 mm”

“ Approvals and corresponding ratings, visit www.wago.com

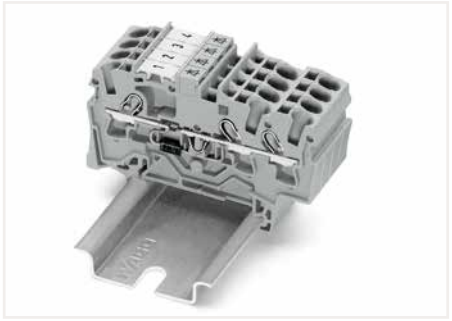
Accessories; 2004 Series

Appropriate marking systems: WMB/WMB Inline/Marking Strips

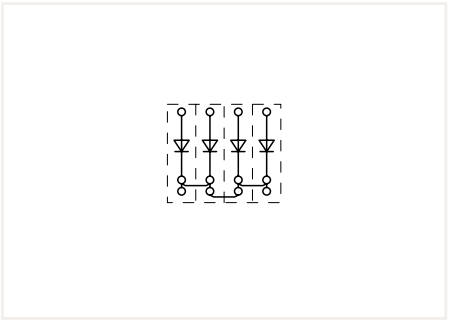
Insulation stop; 5 pcs/strip; 0.25 … 0.5 mm²			
	light gray	**2004-171**	200 (25)
Insulation stop; 5 pcs/strip; 0.75 … 1 mm²			
	dark gray	**2004-172**	200 (25)
Push-in type jumper bar; insulated; I_N 32 A; light gray			
	2-way	**2004-402**	25
	3-way	**2004-403**	25
	4-way	**2004-404**	25
	5-way	**2004-405**	25
	6-way	**2004-406**	25
	7-way	**2004-407**	25
	8-way	**2004-408**	25
	9-way	**2004-409**	25
	10-way	**2004-410**	25
Push-in type jumper bar; insulated; I_N 32 A; light gray			
	1 to 3	**2004-433**	25
	1 to 4	**2004-434**	25
	1 to 5	**2004-435**	25
	1 to 6	**2004-436**	25
	1 to 7	**2004-437**	25
	1 to 8	**2004-438**	25
	1 to 9	**2004-439**	25
	1 to 10	**2004-440**	25
Wire commoning chain; 50 connections; insulated; I_N 8 A			
	black	**210-103**	5
Wire commoning chain; 50 connections; insulated; I_N 8 A			
	blue	**210-123**	5



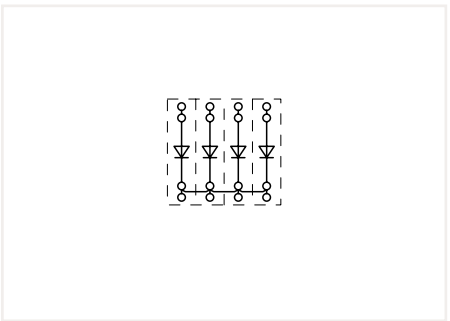
Open diode gates can be created using the following terminal blocks:
2004-1211/1000-400 or 2004-1211/1000-401



These diode terminal blocks have been specially developed for custom diode circuits, such as lamp test and collective fault signal circuits.



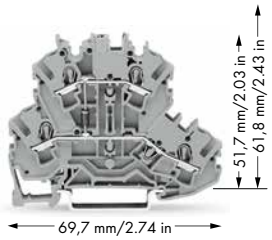
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2004-1311/1000-400 or 2004-1311/1000-401



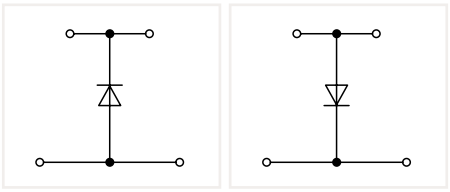
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2004-1411/1000-400 or 2004-1411/1000-401

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



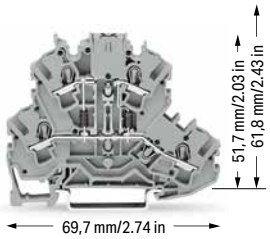
Double-deck diode terminal block; with 1N4007 diode

Color	Item No.	Pack. Unit
gray	2002-2211/1000-410	50
gray	2002-2211/1000-411	50

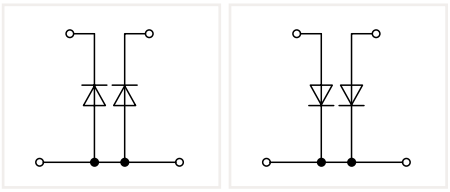
Other terminal blocks with the same profile:

Through	2002-2201	see page 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



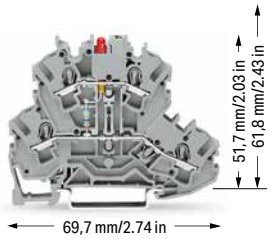
Double-deck diode terminal block; with two 1N4007 diodes

Color	Item No.	Pack. Unit
gray	2002-2213/1000-487	50
gray	2002-2213/1000-488	50

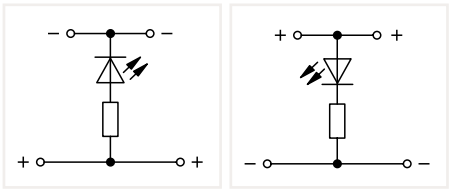
Other terminal blocks with the same profile:

Through	2002-2201	see page 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

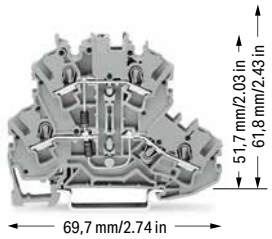


Double-deck LED terminal block; with red LED

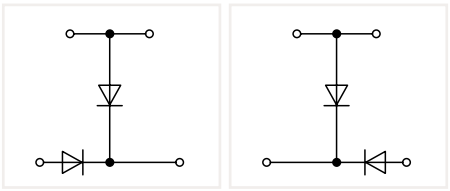
Color	Item No.	Pack. Unit
gray	2002-2221/1000-434	50
gray	2002-2221/1000-413	50

Other terminal blocks with the same profile:

Through	2002-2201	see page 50



2002-2214/1000-492 2002-2214/1000-491

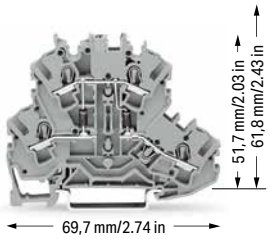


Double-deck diode terminal block; with two 1N4007 diodes

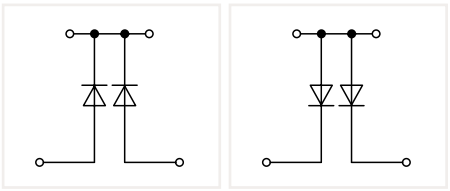
Color	Item No.	Pack. Unit
gray	2002-2214/1000-492	50
gray	2002-2214/1000-491	50

Other terminal blocks with the same profile:

Through	2002-2201	see page 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

Other terminal blocks with the same profile:

Through	2002-2201	see page 50

Double-Deck Diode Terminal Block and LED Terminal Block
Circuit Configuration Examples

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

“ Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems:
WMB/Marking Strips/WMB Inline

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

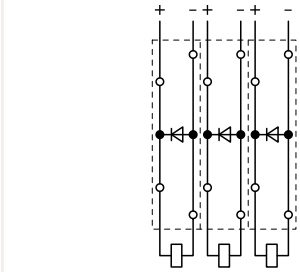
dark gray	2002-172	200 (25)

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

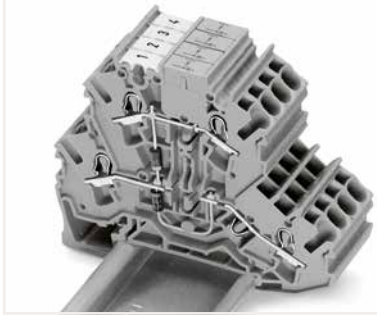
2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

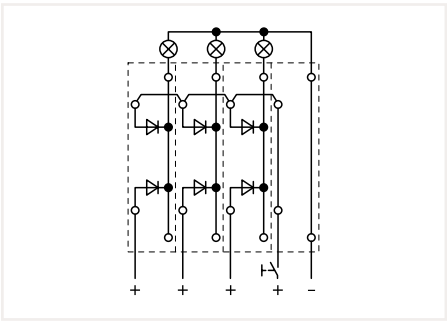
1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25



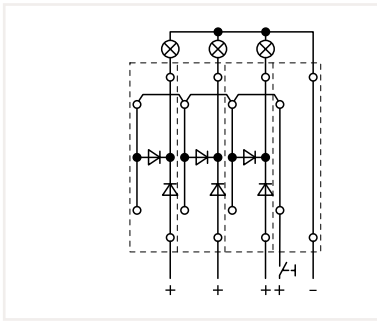
Open diode gates can be created using the following terminal blocks:
2002-2211/1000-410 or 2002-2211/1000-411



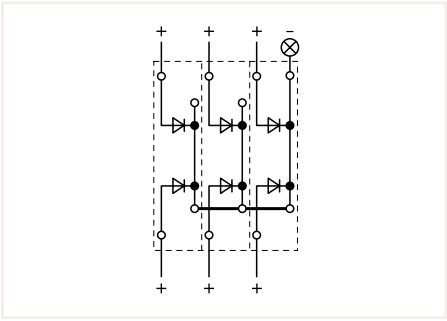
Double-deck diode terminal blocks were specifically developed for custom diode circuits, such as lamp test and collective fault signal circuits.
These terminal blocks provide high-density wiring in a width of just 5.2 mm.
Push-in type jumper bars provide additional options for custom circuit design.



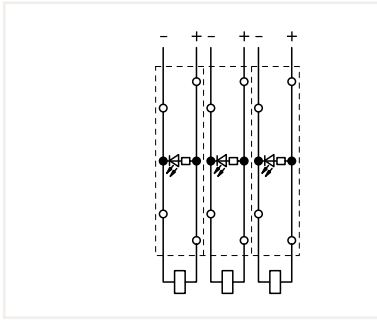
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2002-2213/1000-487 or 2002-2213/1000-488



Lamp test circuits can be created using the following terminal blocks:
2002-2214/1000-492 or 2002-2214/1000-491



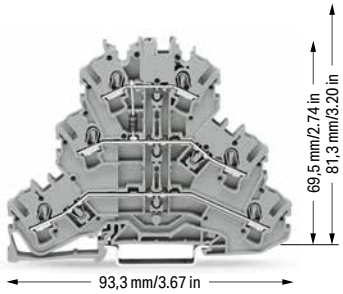
Polarized diode gates with a common cathode can be created using the following terminal blocks:
2002-2214/1000-489 or 2002-2214/1000-490



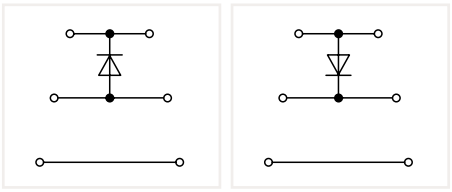
Circuit-related voltage indications can be created using the following terminal blocks:
2002-2221/1000-434 or 2002-2221/1000-413

Triple-Deck Diode Terminal Block 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	



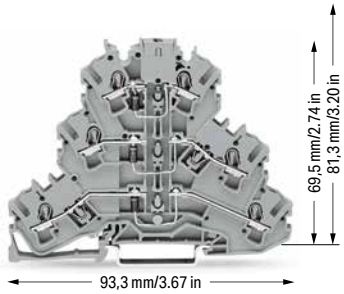
2002-3211/1000-410 2002-3211/1000-411



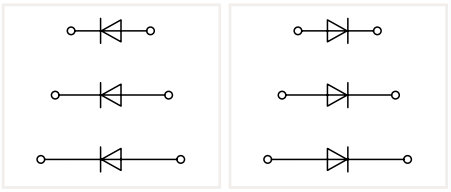
Triple-deck diode terminal block;, with 1N4007 diode		
Color	Item No.	Pack. Unit
gray	2002-3211/1000-410	50
gray	2002-3211/1000-411	50

Other terminal blocks with the same profile:		
Through	2002-3201	Page 62

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	



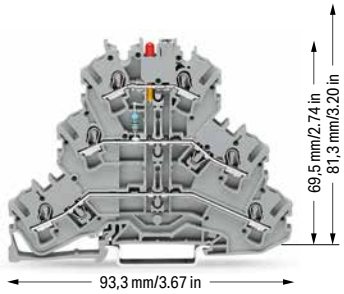
2002-3212/1000-673 2002-3212/1000-674



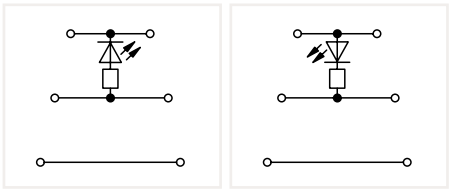
Triple-deck diode terminal bloc; with three 1N4007 diodes		
Color	Item No.	Pack. Unit
gray	2002-3212/1000-673	50
gray	2002-3212/1000-674	50

Other terminal blocks with the same profile:		
Through	2002-3201	Page 62

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	

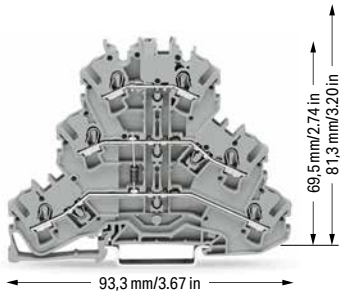


2002-3221/1000-434 2002-3221/1000-413

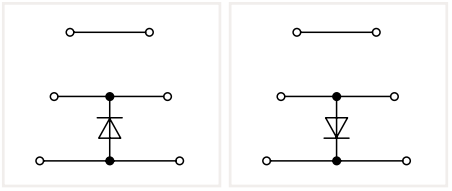


Triple-deck LED terminal block; with red LED		
Color	Item No.	Pack. Unit
gray	2002-3221/1000-434	50
gray	2002-3221/1000-413	50

Other terminal blocks with the same profile:		
Through	2002-3201	Page 62



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

Other terminal blocks with the same profile:		
Through	2002-3201	Page 62

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

“ Approvals and corresponding ratings, visit www.wago.com

Accessories; 2002 Series

Appropriate marking systems:
WMB/Marking Strips/WMB Inline

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 TOPJOB® S 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 TOPJOB® S 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

Test plug adapter; for 4 mm Ø test plug

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

Accessories; 2002 Series

Appropriate marking systems:
WMB/Marking Strips/WMB Inline

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	**793-5501**	5

Triple-deck marker carrier; pivoting

gray	**2002-131**	50 (25)

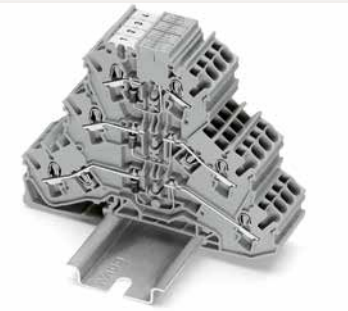
TOPJOB® S group marker carrier; snap-on type for jumper slot; 5 mm wide

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

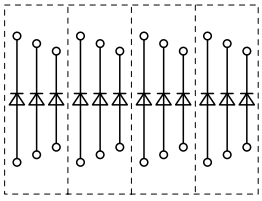
Screwless end stop; for DIN-35 rail; 6 mm wide

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.

Pluggable Diode Module on Carrier Terminal Block 2.5 (4) mm²
TOPJOB® S; 2002 Series

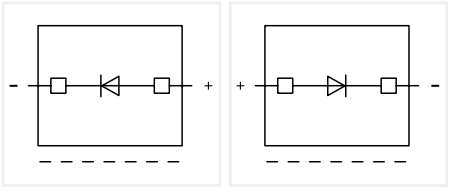
Technical Data

U_N 250 V; U_{RM} 1000 V

I_N 1 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 146
Marking, from page 230

" 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

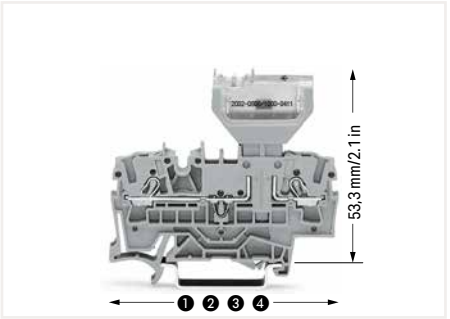
2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

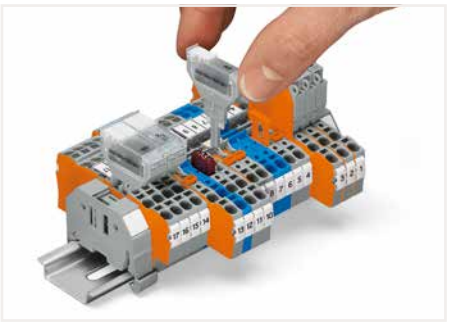
1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

Staggered jumper; insulated; I_N 25 A; light gray

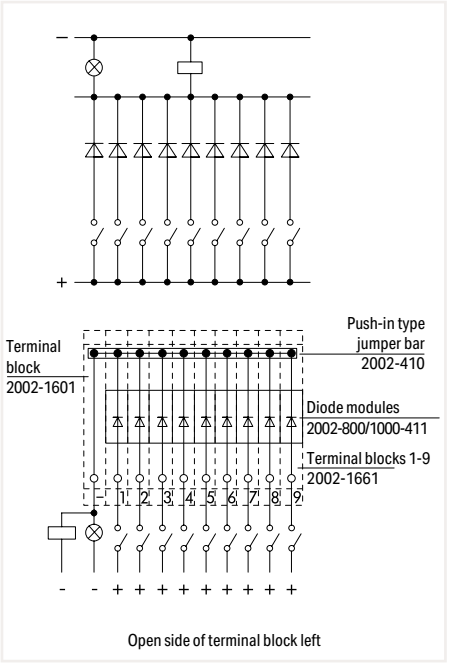
2-way	2002-472	25
3-way	2002-473	25
4-way	2002-474	25
5-way	2002-475	25
6-way	2002-476	25
7-way	2002-477	25
8-way	2002-478	25
9-way	2002-479	25
10-way	2002-480	25
11-way	2002-481	25
12-way	2002-482	25



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 and Empty Component Plug Housing on Through Terminal Block 2.5 (4) mm²

TOPJOB® S; 2002 Series

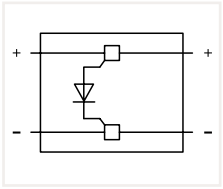
Technical Data

U_N 250 V; U_{RM} 1000 V

I_N 1 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 146
Marking, from page 230

" 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

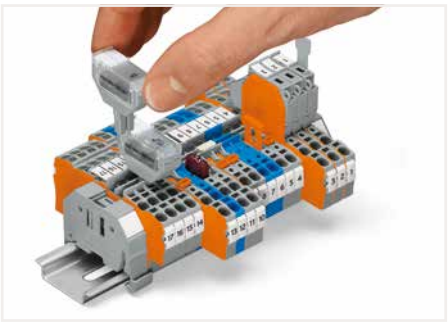
Push-in type jumper bar; insulated; I_N 25 A; light gray

	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

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

Additional advantages:

- 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).

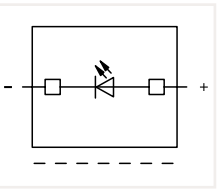
Pluggable LED Module on Carrier Terminal Block 2.5 (4) mm²
TOPJOB® S; 2002 Series

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 146
Marking, from page 230

" 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

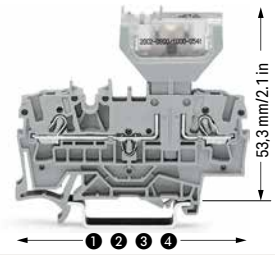
2-way	2002-402	25
3-way	2002-403	25
4-way	2002-404	25
5-way	2002-405	25
6-way	2002-406	25
7-way	2002-407	25
8-way	2002-408	25
9-way	2002-409	25
10-way	2002-410	25

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

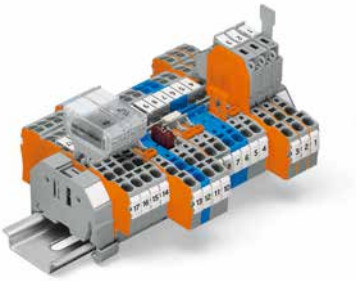
1 to 3	2002-433	25
1 to 4	2002-434	25
1 to 5	2002-435	25
1 to 6	2002-436	25
1 to 7	2002-437	25
1 to 8	2002-438	25
1 to 9	2002-439	25
1 to 10	2002-440	25

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

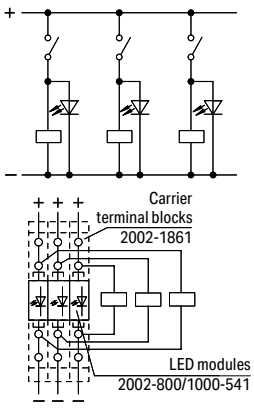


Lengths of carrier terminal blocks with a pluggable LED module:
1 66.1 mm / 2.62 inch for 2002-1661
2 76.8 mm / 3.02 inch for 2002-1761
3 87.5 mm / 3.45 inch for 2002-1861
4 72.9 mm / 2.87 inch for 2002-1961



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

Additional advantages:
- 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

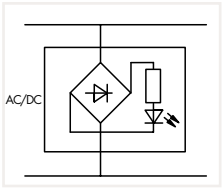
Pluggable LED Module on Through Terminal Block 2.5 (4) mm²

TOPJOB® S; 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

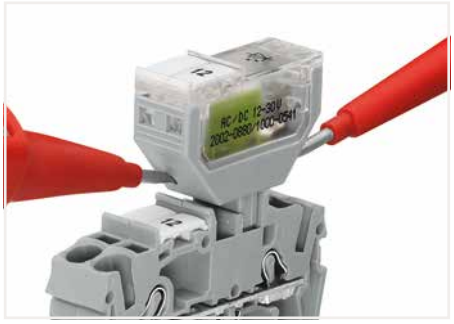
orange	2002-1492	100 (25)
gray	2002-1491	100 (25)

“ Please observe the application notes: Marking, from page 230

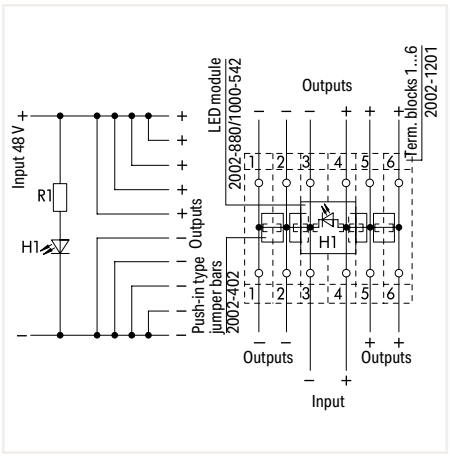
“ Approvals and corresponding ratings, visit www.wago.com

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

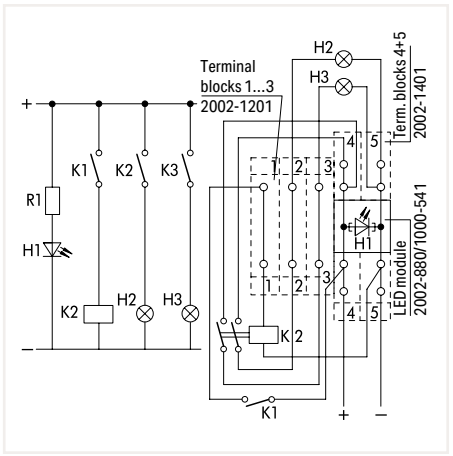
Labeling via WMB Multi markers and marking strips



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 on Carrier Terminal Block 2.5 (4) mm²
TOPJOB® S; 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

Color	Item No.	Pack. Unit
gray	2002-820	50

Accessories for Carrier Terminal Blocks

Appropriate marking systems: WMB/Marking Strips

2-conductor carrier terminal block; 0.25 … 2.5 (4) mm² / 22 … 12 AWG Terminal block width: 5.2 mm / 0.205 inch

gray 2002-1661 50

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

" Please observe the application notes:
Jumpers, from page 146
Marking, from page 230

" Approvals and corresponding ratings, visit www.wago.com

Accessories for Carrier Terminal Blocks

Appropriate marking systems: WMB/WMB Inline/Marking Strips

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

plain 793-5501 5

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

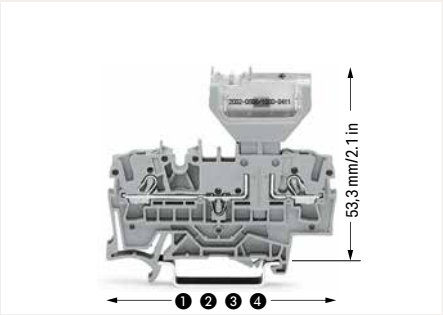
yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

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

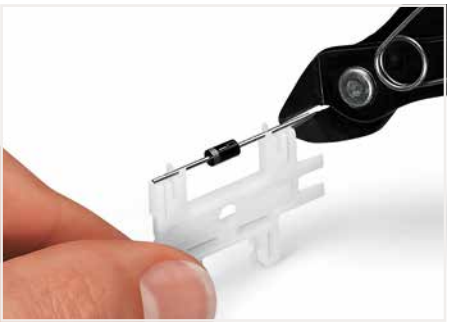
gray 249-116 100 (25)

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

gray 249-117 50 (25)

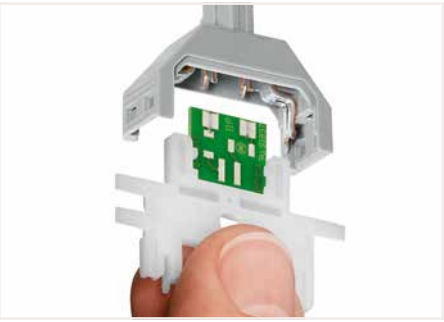


Lengths of carrier terminal blocks with a pluggable diode module:
1 66.1 mm / 2.62 inch for 2002-1661
2 76.8 mm / 3.02 inch for 2002-1761
3 87.5 mm / 3.45 inch for 2002-1861
4 72.9 mm / 2.87 inch for 2002-1961

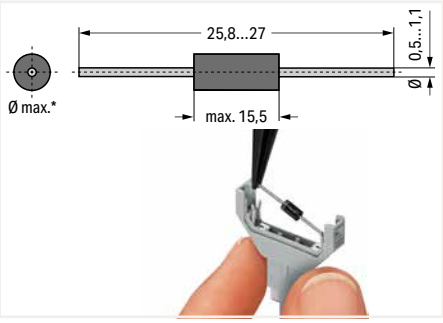


Cutting component to the proper length.

Pressing component into plug contact via operating tool.

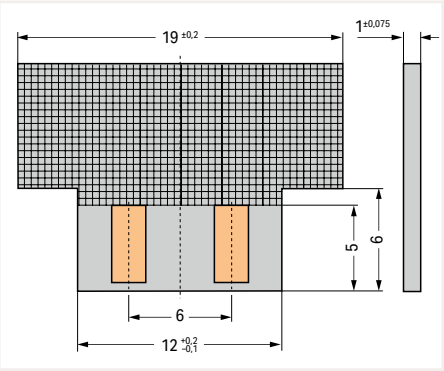


Pushing PCB into plug contact via operating tool.



*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 on Carrier Terminal Blocks 2.5 (4) mm²
TOPJOB® S; 2042 Series

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

Item No.	Pack. Unit
2042-341	5

Component plug; 10-pole; transparent housing; with fiber optics; 25.9 mm wide

Item No.	Pack. Unit
2042-351	5

- 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 146 Marking, from page 230
- 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

Accessories for Carrier Terminal Blocks

Appropriate marking systems: WMB/WMB Inline/Marking Strips

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

plain	793-5501	5

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

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

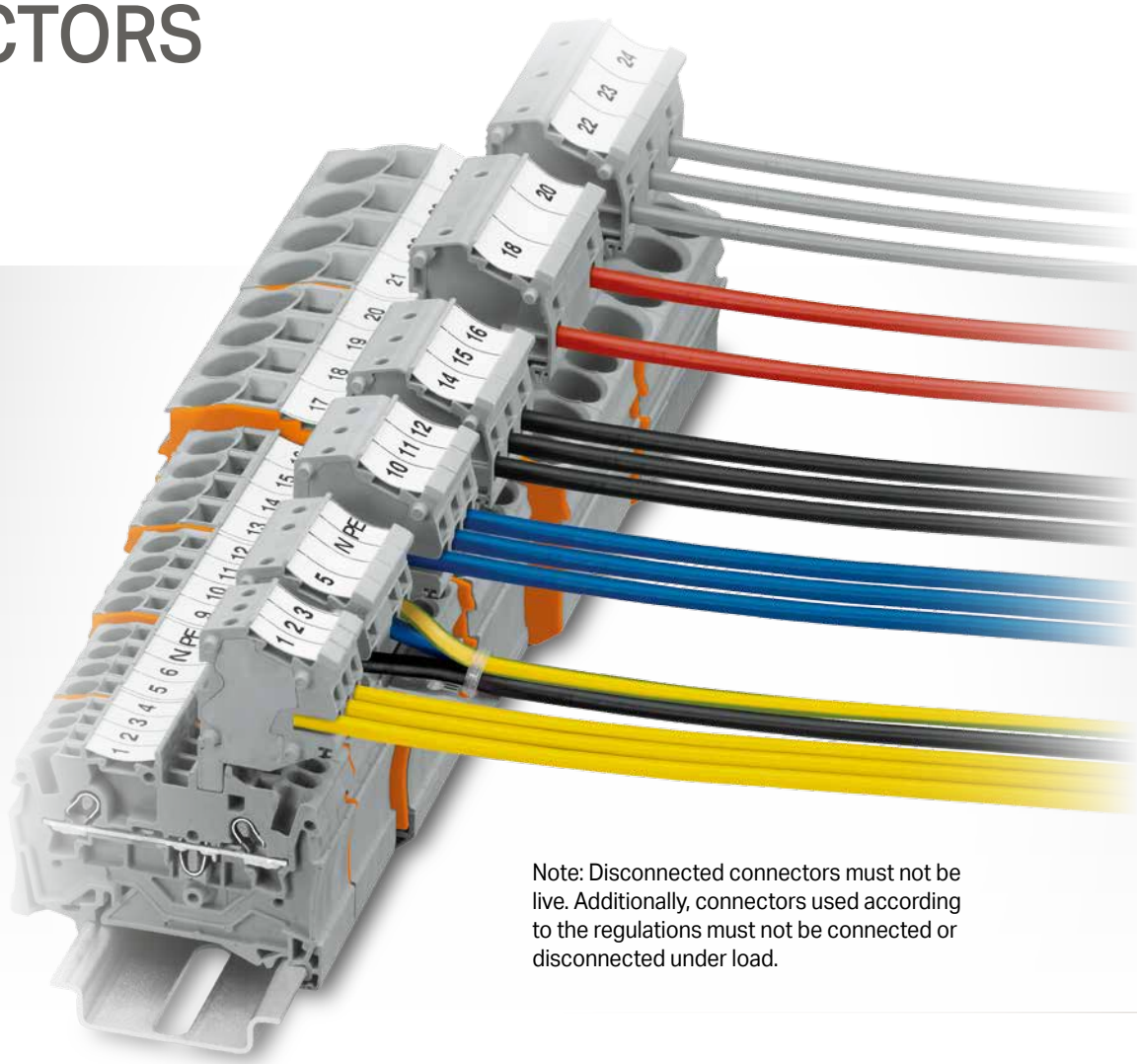
Screwless end stop; for DIN-35 rail; 6 mm wide

gray	249-116	100 (25)

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

gray	249-117	50 (25)

CONNECTORS



Note: Disconnected connectors must not be live. Additionally, connectors used according to the regulations must not be connected or disconnected under load.

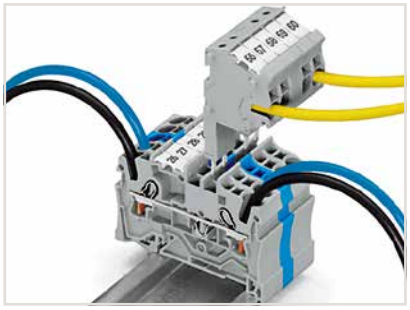
Connectors

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

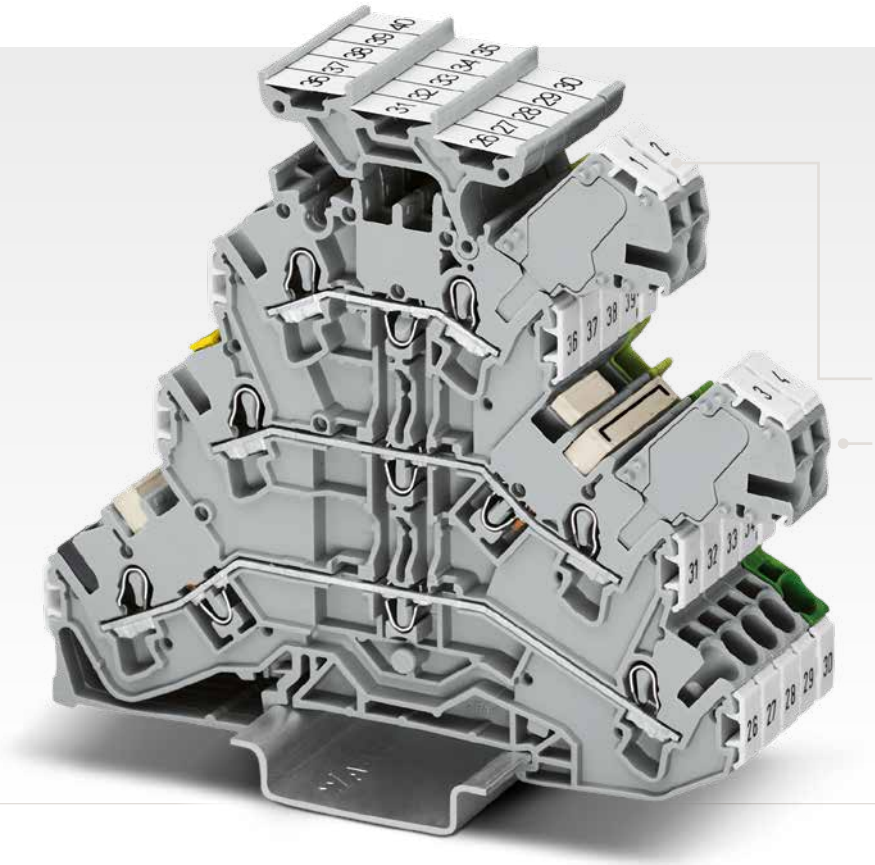
Additionally, 2- to 10-pole connector strips for the 2001 and 2002 Series, as well as 2- to 5-pole connector strips for the 2004 Series are available.

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).

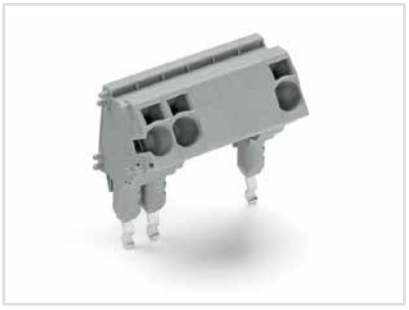
TESTING ACCESSORIES



Connectors

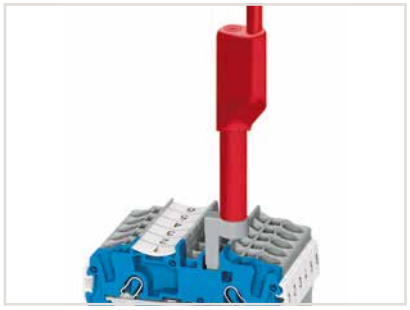
- Circuit identification via WMB markers
- Customizable to suit required number of poles

Test Plugs



The TOPJOB® S Test Plugs 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 and 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 TOPJOB® S connector; for jumper contact slot; snaps together; gray

	Item No.	Pack. Unit
1-pole	2000-510	100 (25)

Modular TOPJOB® S connector; with end plate; for jumper contact slot; snaps together; gray
Terminal block width: 5 mm / 0.197 in

1-pole	2000-511	100 (25)

Spacer module; snaps together; bridges commoned terminal blocks

gray	2000-549	100 (25)

TOPJOB® S 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 Multi marking system; 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 TOPJOB® S 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)

TOPJOB® S 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

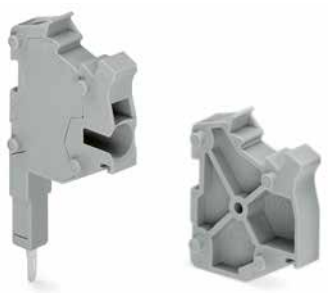
WMB Multi marking system; white; 10 strips with 10 markers/card; stretchable from 4 … 4.2 mm

plain	793-4501	5

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

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 TOPJOB® S 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)

TOPJOB® S 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

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

Connectors and Connector Strips
Installation

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"

❷ Conductor range: 0.25 … 2.5 mm² "s+f-st"
Push-in termination: 0.5 … 2.5 mm² "s"
and 0.75 … 1.5 mm²
"insulated ferrules, 12 mm"

❸ Conductor range: 0.25 … 4 mm² "s+f-st"
Push-in termination: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

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 TOPJOB® S 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

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

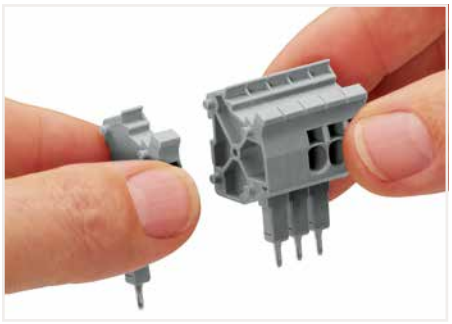
yellow	**210-137**	50

Strain relief plate; gray

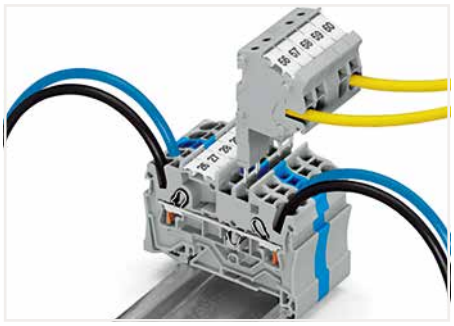
35 mm wide	**734-326**	100 (25)
6 mm wide	**734-327**	100 (25)
12.5 mm wide	**734-328**	100 (25)
25 mm wide	**734-329**	100 (25)

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

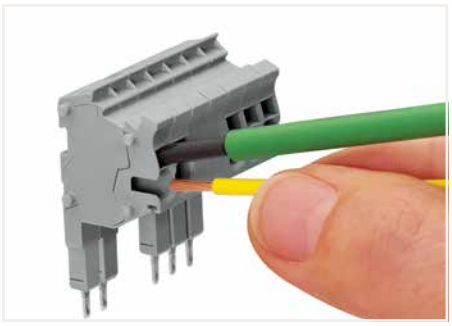
white	**2009-110**	1



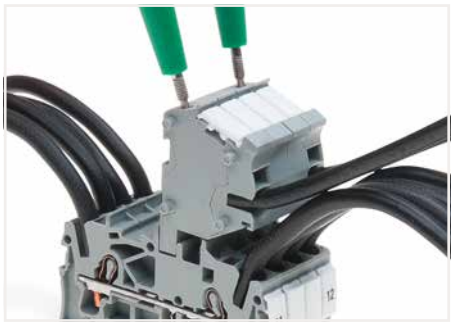
Snapping connectors and spacers together to assemble a multipole connector.



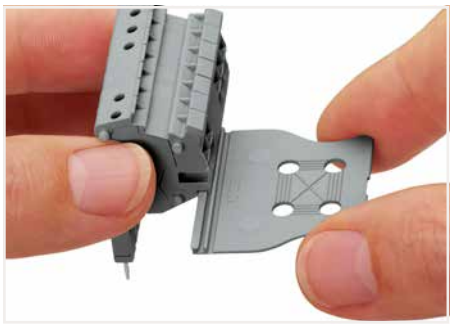
The modular TOPJOB® S connectors also connect conductors of the same size as the terminal blocks being used.



Conductor termination via:
Operating tool for fine-stranded conductors without ferrules
Push-in connection of solid conductors



TOPJOB® S 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 and Connector Strip

TOPJOB® S; 4 (6) mm²; 2002 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 TOPJOB® S 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)

TOPJOB® S 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 TOPJOB® S 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 TOPJOB® S 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

Accessories for Connector Strips

Appropriate marking systems: WMB/WMB Inline/Marking Strips

End plate; for modular TOPJOB® S 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

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm			
	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	

Modular TOPJOB® S 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)

❶ Conductor range: 0.5 … 6 mm² “s+f-st”
Push-in termination: 1 … 6 mm² “s”
and 0.75 … 4 mm²
“insulated ferrules, 12 mm”

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

PUSH-IN CAGE CLAMP®

L-Type Test Plug Module for Testing 5.2 mm Wide Rail-Mount Terminal Blocks – via Conductor Entries

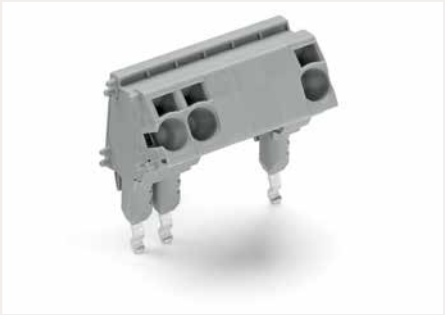
TOPJOB® S; 2.5 (4) mm²; 2002 Series

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: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

" Approvals and corresponding ratings, visit www.wago.com



TOPJOB® S 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.

TOPJOB® S 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)

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

◯ gray	**2002-649**	100 (25)

Accessories for L-Type Test Plug Modules

Appropriate marking systems:
WMB/WMB Inline/Mini-WSB

End plate; for modular TOPJOB® S 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

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

yellow	**210-137**	50

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

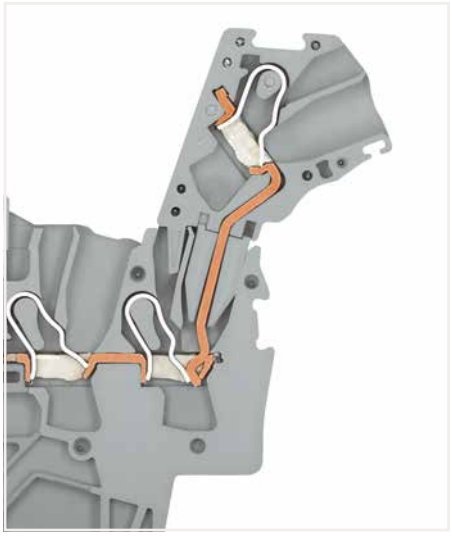
white	**2009-115**	1

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

plain	**793-5501**	5

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

TOPJOB® S L-type test plugs for testing rail-mount terminal blocks via conductor entries



L-type test plug module – cross-sectional view of contacts

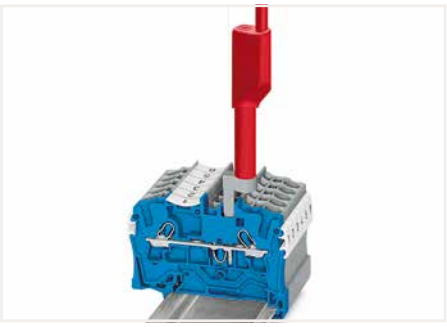
Test Plug Adapter and Testing Tap
TOPJOB® S; 2009 Series

Test plug adapter; for 4 mm Ø test plug; for testing TOPJOB® S Rail-Mount Terminal Blocks
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 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; I_N 25 A, light gray		
	Item No.	Pack. Unit
○ 2-way	2002-400	25

Technical Data
800 V/8 kV/3
I_N 24 A

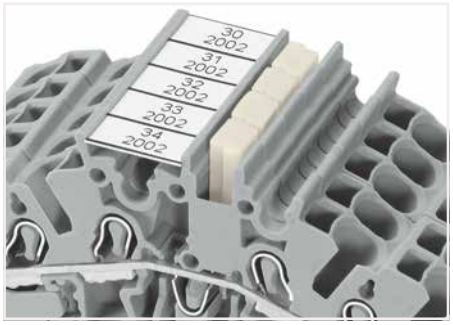
Adjacent jumper for continuous commoning; insulated; I_N 25 A; 1 to 3		
Color	Item No.	Pack. Unit
○ light gray	2002-423	25
red	2002-423/000-005	25
blue	2002-423/000-006	25

Technical Data
800 V/8 kV/3
I_N 25 A

Adjacent jumper for continuous commoning; insulated; I_N 25 A, 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 a single jumper slot. Use the second jumper slot for additional commoning or testing.

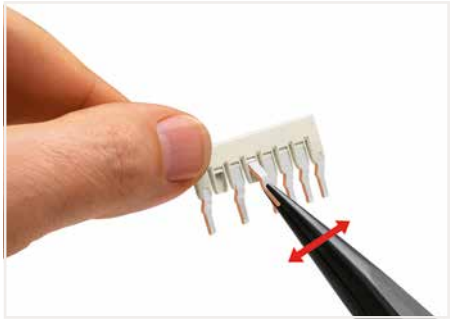
The 1-to-3 adjacent jumper for continuous commoning enables every other terminal block to be commoned. For example, positive and negative potentials can be accommodated alongside each other.



Adjacent jumpers for continuous commoning (2002-400)

Staggered Jumper
TOPJOB® S; 2002 Series

Technical Data
400 V/6 kV/3
I_N 25 A

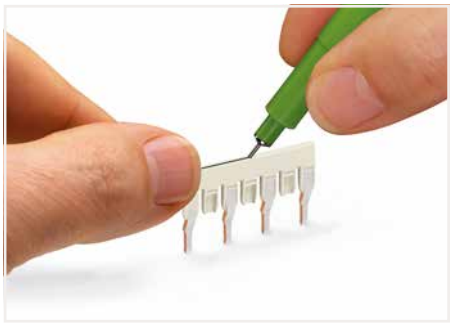


Staggered jumper (seven contacts)
Individual jumper contacts can be broken off by bending them. The remaining piece of insulation will meet requirements for clearances and creepage distances.

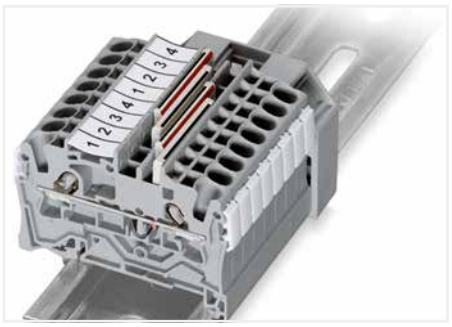
Staggered jumpers (seven contacts)

Staggered jumper; insulated; for 2002, 2003 and 2022 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



Staggered Jumper
Marking with a felt-tip pen.



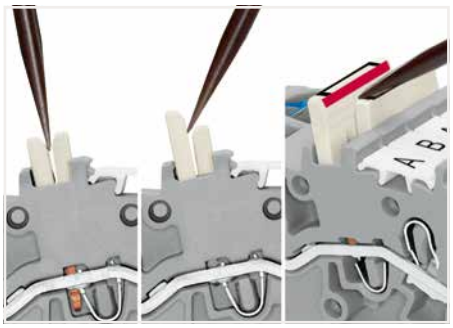
Locate red stripes of the staggered jumpers on the inside. Insert staggered jumper and push down until it hits backstop.

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

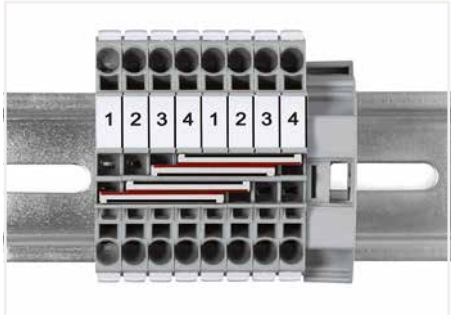
◯ 1-3	2002-473/011-000	25
◯ 1-3-5	2002-475/011-000	25
◯ 1-3-5-7	2002-477/011-000	25
◯ 1-3-5-7-9	2002-479/011-000	25
◯ 1-3-5-7-9-11	2002-481/011-000	25

Commoning using staggered jumpers
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.

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.



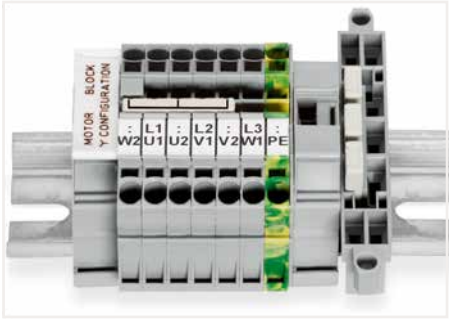
Commoning two potentials in one single jumper slot via extremely slim staggered jumpers.

Star Point Jumper, Delta Jumper and 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 TOPJOB® S Rail-Mount Terminal Blocks.

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 TOPJOB® S rail-mount terminal blocks.

Collective jumper carrier; for DIN-35 rail; for 2000 to 2016 Series jumpers

Color	Item No.	Pack. Unit
◯ gray	2009-180	25

Collective TOPJOB® S jumper carrier

Push-In Type Wire Jumper
TOPJOB® S; 1 (1.5) mm²; 2000 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 and 2020 Series Rail-Mount Terminal Blocks

	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

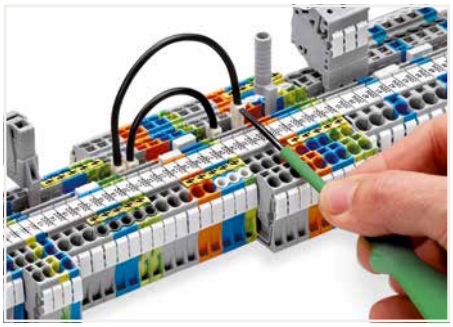
Push-in type wire jumper; insulated; 1.5 mm² conductor cross-section; for 2001, 2002, 2003 and 2022 Series Rail-Mount Terminal Blocks

	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 and 2022 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.

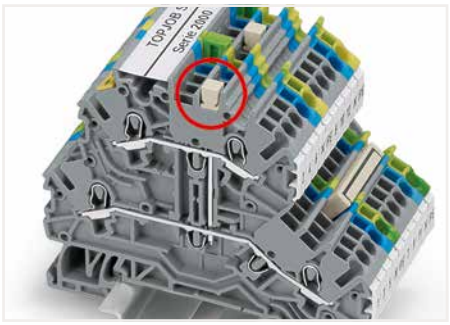


Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.

Vertical Jumper
TOPJOB® S; 2000 and 2002 Series

Technical Data
500 V/6 kV/3
I_N 13.5 A

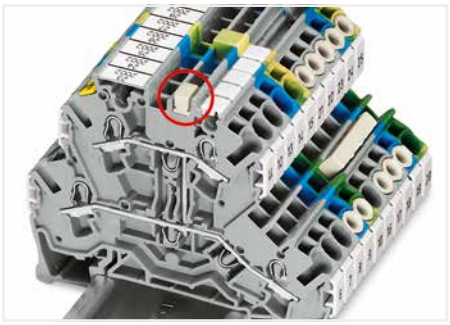
Double-deck vertical jumper; insulated		
Color	Item No.	Pack. Unit
◯ light gray	**2000-492**	100 (25)



Commoning two levels via double-deck vertical jumper (2000-492).

Technical Data
500 V/6 kV/3
I_N 24 A

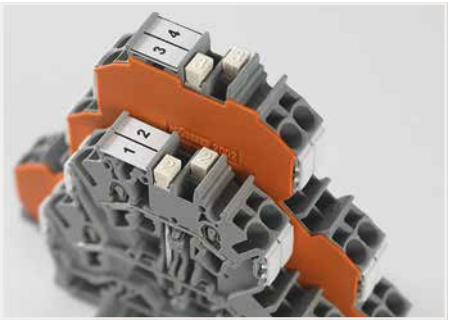
Double-deck vertical jumper; insulated		
Color	Item No.	Pack. Unit
◯ light gray	**2002-492**	100 (25)
● orange	**2002-492/000-012**	100 (25)



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 TOPJOB® S Terminal Blocks, the vertical jumpers can common two or three levels. Clearly marked numerals (“2” and “3”) distinguish the double-deck (2002-0492) and triple-deck vertical jumpers (2002-0493), even when inserted.

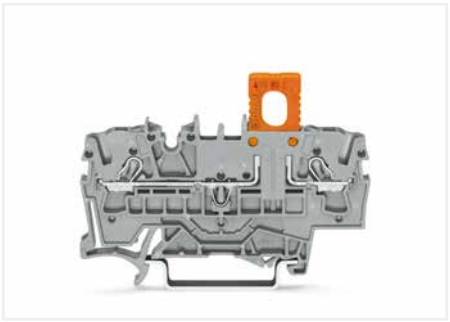
Commoning three levels via triple-deck vertical jumper (2002-493).

Through, Ground/Shield Conductor and Ex Terminal Blocks
TOPJOB® S; 2002 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)

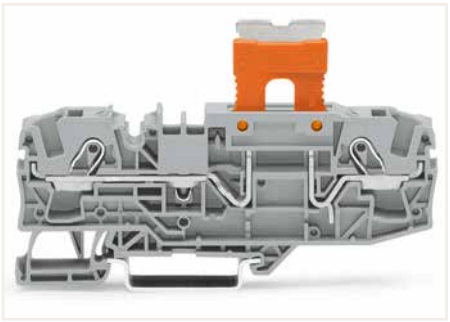


Carrier terminal block (2002-1661) with disconnect plug (2002-401) in operating position

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

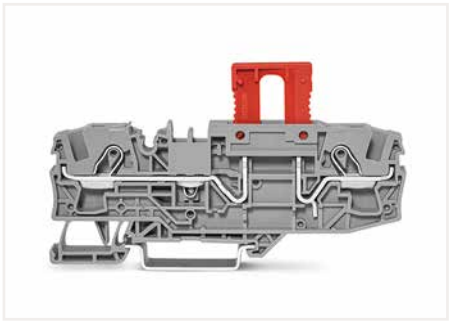
Color	Item No.	Pack. Unit
orange	2006-401	100 (25)
white	2006-401/000-050	100 (25)



Carrier terminal block (2006-401) with disconnect plug (2002-1661) in parked position

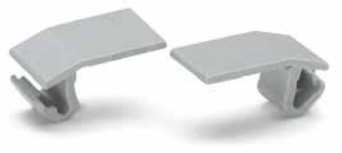
Blind plug for carrier terminal block; indicates a disconnection

Color	Item No.	Pack. Unit
red	2006-451	100 (25)



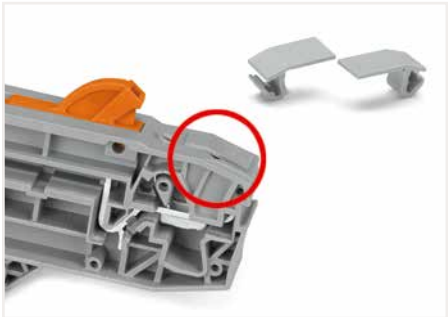
Blind plug (2006-451) for carrier terminal block; indicates a disconnection

Lockout Cap
TOPJOB® S; 2006 Series



Lockout cap; for conductor entry and operating slot		
Color	Item No.	Pack. Unit
gray	2006-191	25

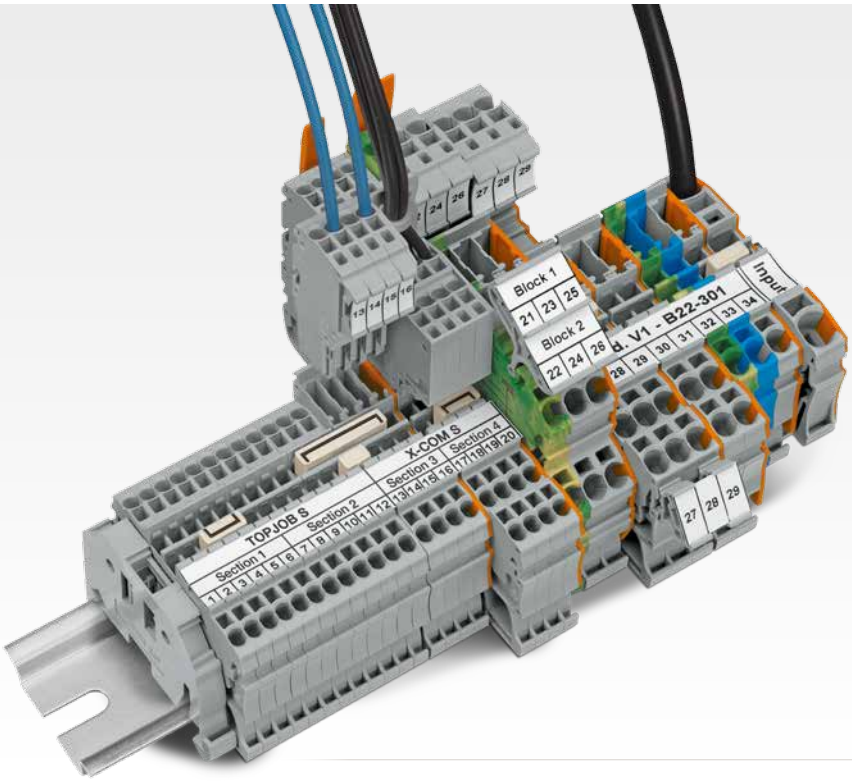
Cover (2006-191) seals unused conductor entry.

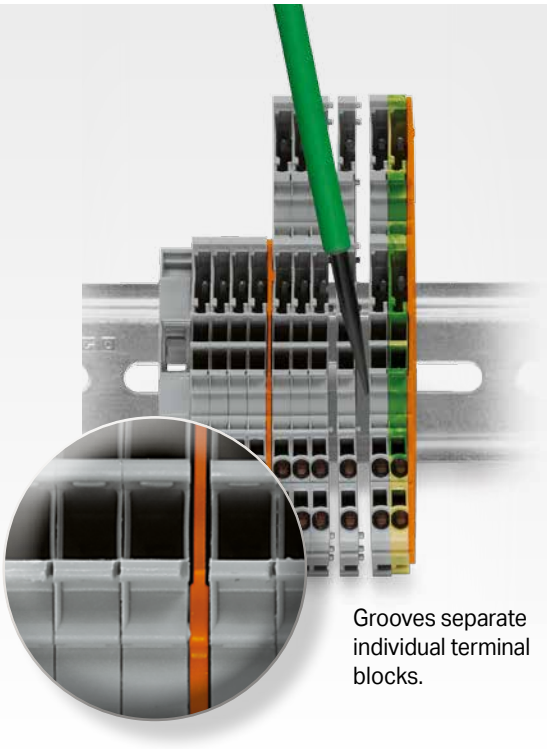


Cover (2006-191) seals unused conductor entry.

PLUGGABLE RAIL-MOUNT TERMINAL BLOCKS

X-COM®S-SYSTEM and X-COM®S-SYSTEM-MINI

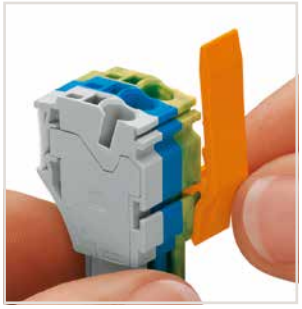




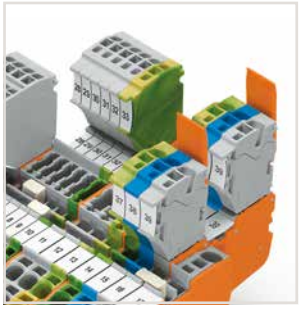
Grooves separate individual terminal blocks.

X-COM®S-SYSTEM and X-COM®S-SYSTEM-MINI

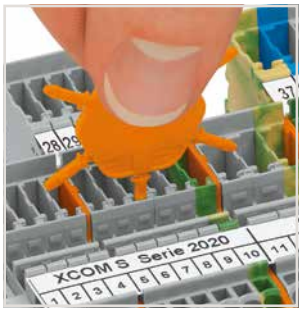
- COM-bine pluggable connectors and rail-mount terminal blocks
- X-COM®S-SYSTEM (2022 Series): up to 4 mm² (12 AWG) at 32 A
- X-COM®S-SYSTEM-MINI (2020 Series): up to 1.5 mm² (16 AWG) at just 3.5 mm (0.137 inch) terminal block wide
- Save time and money via pre-assembled components
- Preassembled units 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.

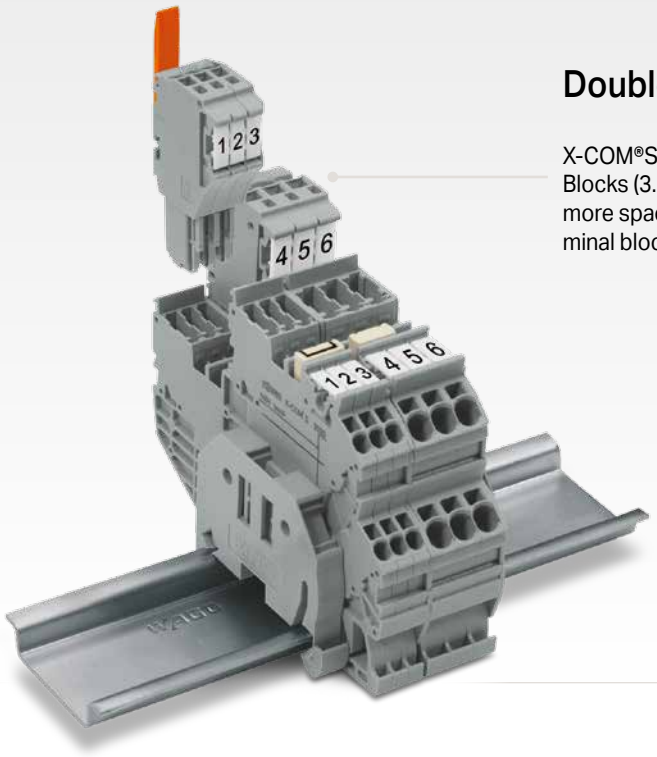


Female plugs can be individually locked.



Insert coding pin into the corresponding slot and twist it off.

Remove the coding finger using a cutting tool.

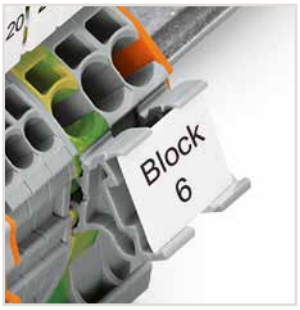


Double Space Savings

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 TOPJOB® S Jumpers. An end plate provides connection to TOPJOB® S Terminal Blocks.
2020 and 2022 Series Terminal Blocks are combinable.



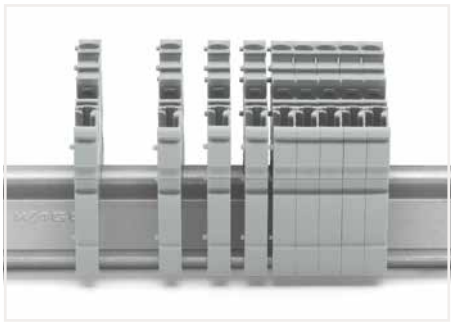
Additional marking option via snap-on type adapter

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.

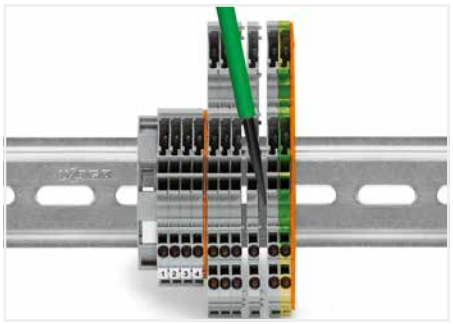
PUSH-IN CAGE CLAMP®

X-COM®S-SYSTEM-MINI; 2020 Series
X-COM®S-SYSTEM; 2022 Series
Description and Installation



Snap individual carrier terminal blocks onto the carrier rail and slide together.

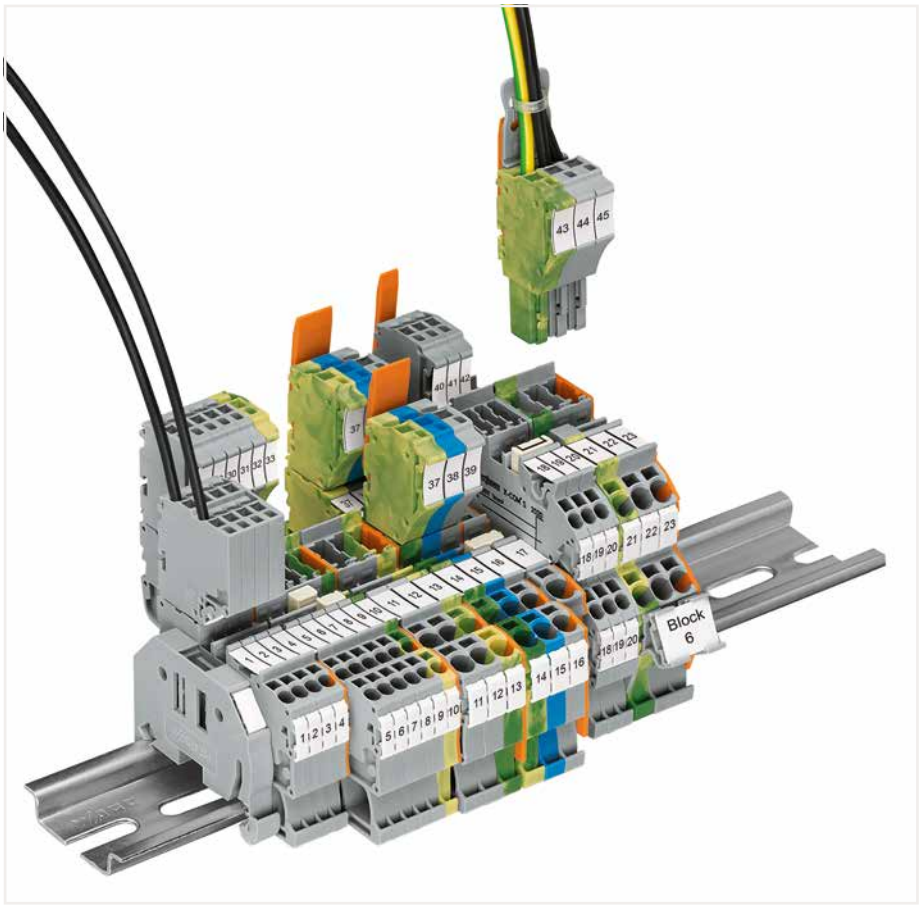
Open the assembly by laterally sliding a block via operating tool (3.5 x 0.5 mm blade).



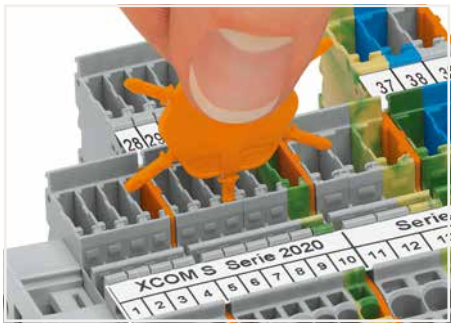
Separate terminal block assembly and slide individual terminal blocks laterally using an operating tool.

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.

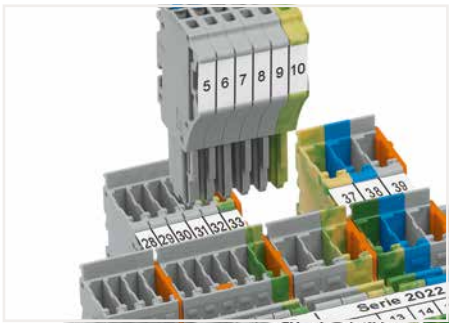


Note: Female plugs used according to the regulations must not be connected/disconnected when live or under load.



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.

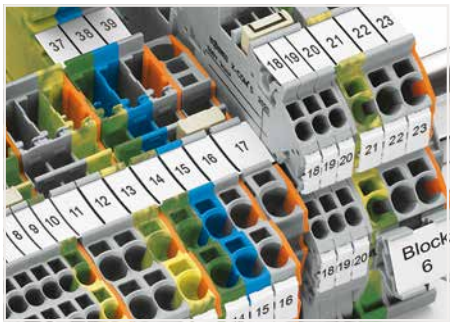
Push-in CAGE CLAMP® terminates the following copper conductors:
solid

stranded

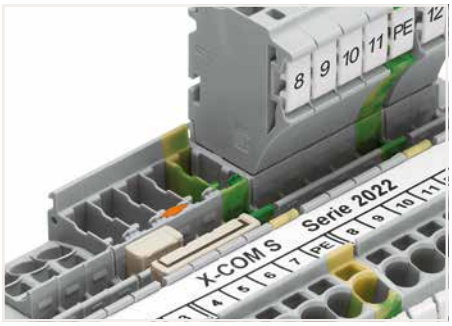
fine-stranded, also with tinned single strands

PUSH-IN CAGE CLAMP®

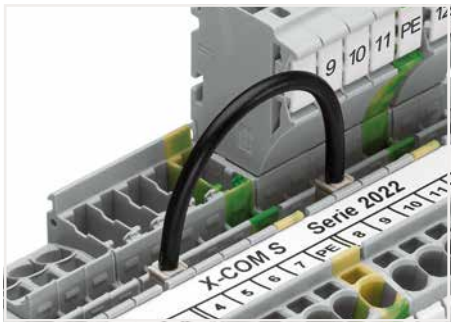
X-COM®S-SYSTEM-MINI; 2020 Series
X-COM®S-SYSTEM; 2022 Series
Usability



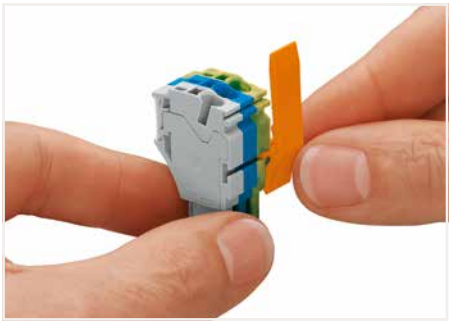
Commoning X-COM®S-SYSTEM Terminal Blocks using jumpers for TOPJOB® S Terminal Blocks. An end plate provides connection to TOPJOB® S Terminal Blocks. 2020 and 2022 Series Terminal Blocks are combinable. Jumper slots are on the same level for both series.



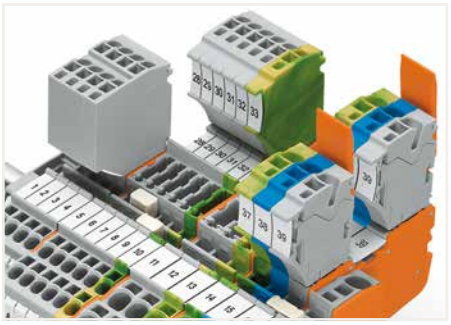
Pairing push-in comb style jumpers.



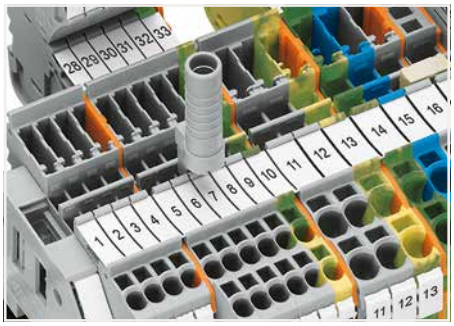
Commoning with push-in type wire jumper.



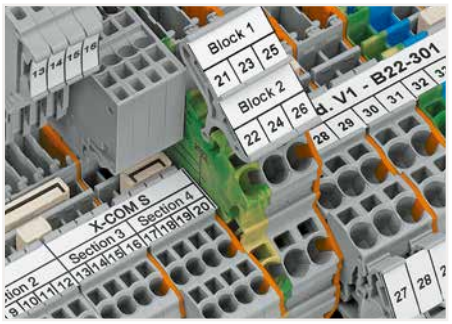
Slide the locking lever into position.



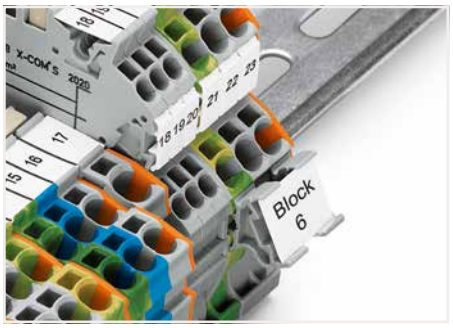
Female plugs can be individually locked.



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)

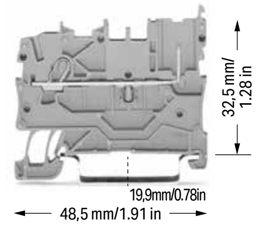
fine-stranded, tip-bonded

fine-stranded, with ferrule (gastight crimped)

fine-stranded, with pin terminal (gastight crimped)

1-Conductor/1-Pin, 2-Conductor/1-Pin and 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 UR
I_N 13.5 A ❸	300 V, 10 A CSA
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



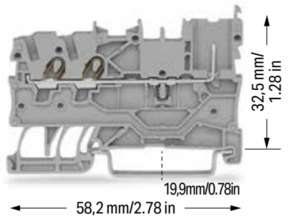
1-conductor/1-pin carrier terminal block		
Color	Item No.	Pack. Unit
gray	2020-1201	50
blue	2020-1204	50
1-conductor/1-pin ground carrier terminal block		
green-yellow	2020-1207	50

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 UR
I_N 13.5 A ❸	300 V, 10 A CSA
Terminal block width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



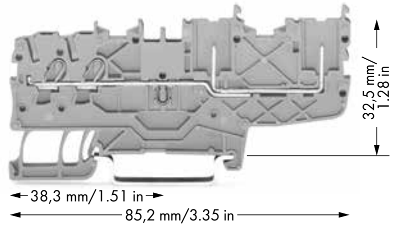
2-conductor/1-pin carrier terminal block		
Color	Item No.	Pack. Unit
gray	2020-1301	50
blue	2020-1304	50
2-conductor/1-pin ground carrier terminal block		
green-yellow	2020-1307	50

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 UR
I_N 13.5 A ❸	300 V, 10 A CSA
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”

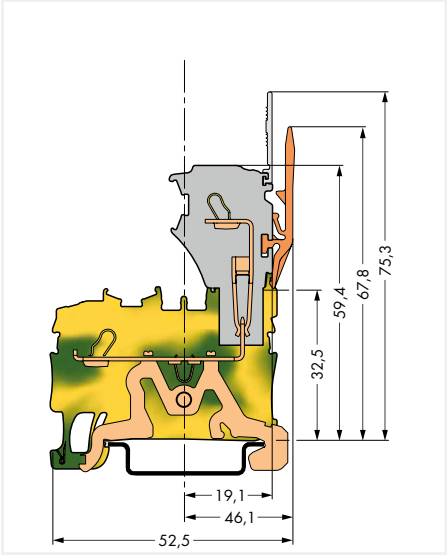
❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

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 146
Testing accessories, from page 145
Marking, from page 230

“ Approvals and corresponding ratings,
visit www.wago.com



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 Multi marking system; 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

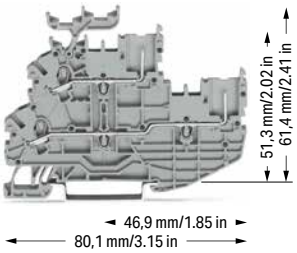
gray	**249-116**	100 (25)

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

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

1-Conducto/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	

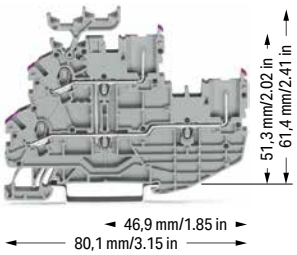


1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; with marker carrier; gray housing

	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 housing

	Item No.	Pack. Unit
L/L	2020-2201	50
N/L	2020-2202	50
L/N	2020-2203	50



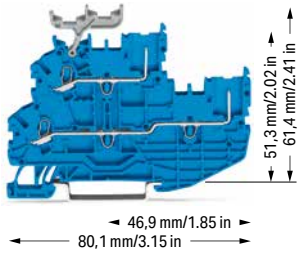
2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; with marker carrier, internally commoned; violet conductor entry; gray housing

	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 housing

	Item No.	Pack. Unit
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	

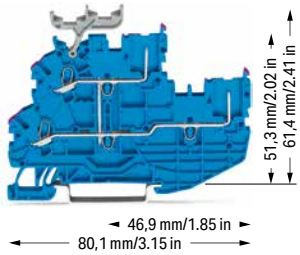


1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; with marker carrier; blue housing

	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 housing

	Item No.	Pack. Unit
N/N	2020-2204	50



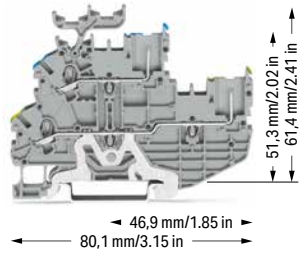
2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; with marker carrier, internally commoned; violet conductor entry; blue housing

	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 housing

	Item No.	Pack. Unit
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	

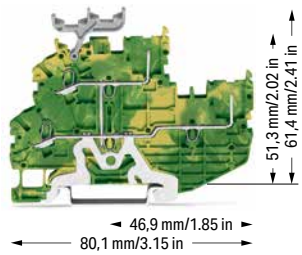


1-conductor/1-pin double-deck carrier terminal block; ground conductor/through terminal block; with marker carrier; gray housing

	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 housing

	Item No.	Pack. Unit
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 housing

	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 housing

	Item No.	Pack. Unit
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”

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 146
Testing accessories, from page 145
Marking, from page 230

“ 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

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

yellow	210-137	50

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 Multi marking system; 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 and 2-Conductor Female Plugs
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	

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"

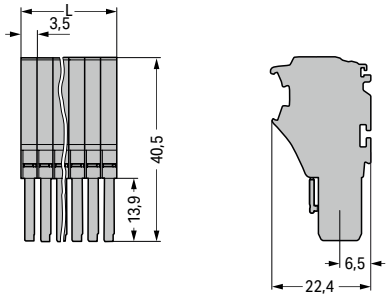
❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

" Item no. suffixes
blue …/000-006
green-yellow …/000-016

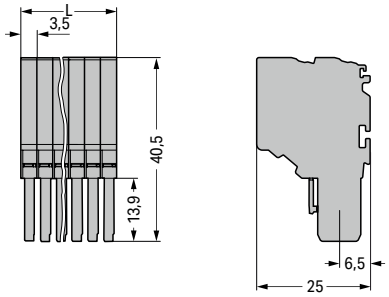
" Approvals and corresponding ratings, visit www.wago.com

Dimensions (in mm):

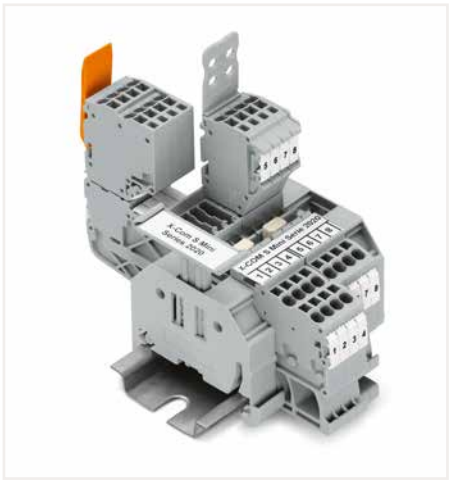


L = (pole no. x module width) + 0.7 mm

Dimensions (in mm):



L = (pole no. x module width) + 0.7 mm



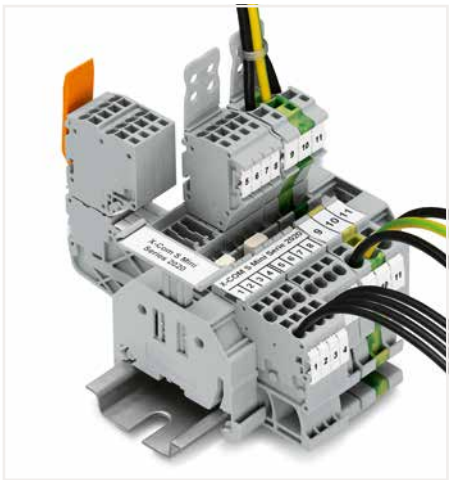
X-COM®S-SYSTEM terminal block assembly

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

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



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

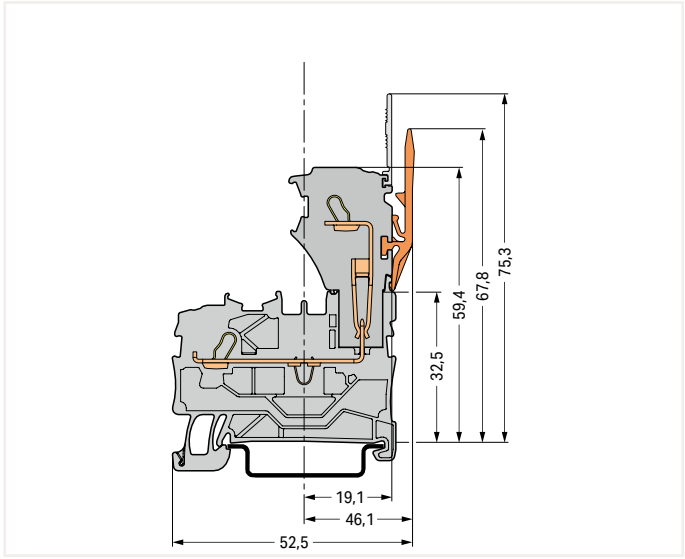
orange	2022-142	100 (25)
gray	2022-141	100 (25)

Locking lever; 9.6 mm wide

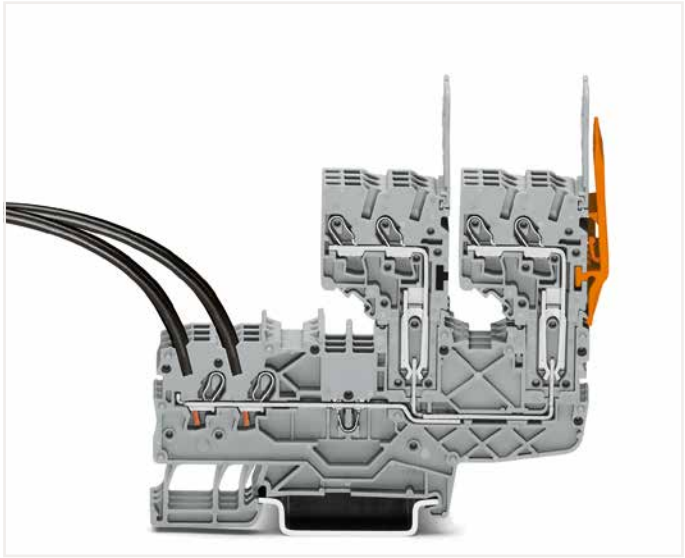
orange	2022-152	100 (25)
gray	2022-151	100 (25)

Carrier Terminal Blocks and 1-/2-Conductor Female Plugs
Types of Assembly

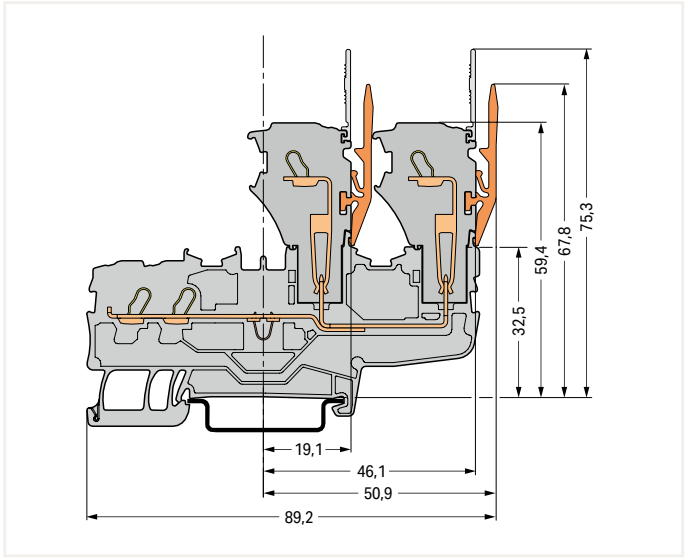
1-conductor female plug
Carrier terminal blocks can be commoned via 2000 Series Push-In Type Jumper Bars and tested via 859-500 Test Pin.



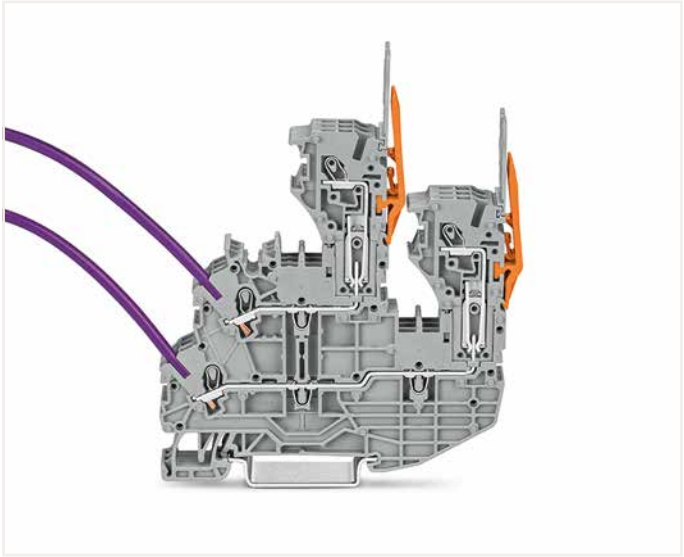
Carrier terminal block



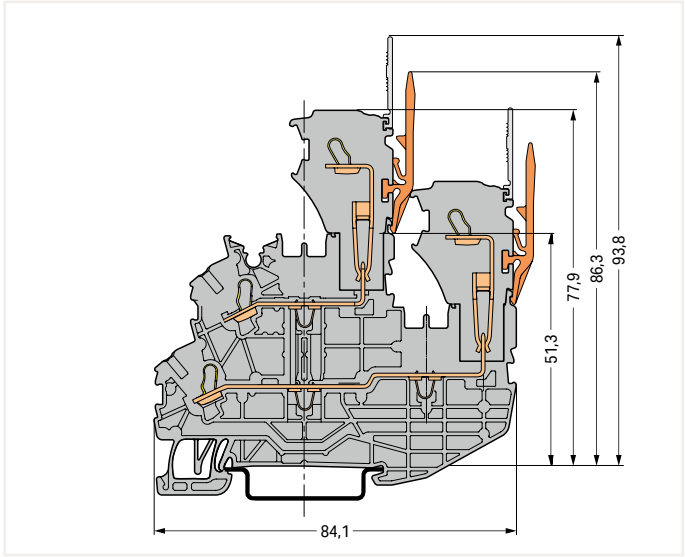
2-conductor female plug
Carrier terminal blocks can be commoned via 2000 Series Push-In Type Jumper Bars and tested via 859-500 Test Pin.



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"

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 Multi marking system; 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

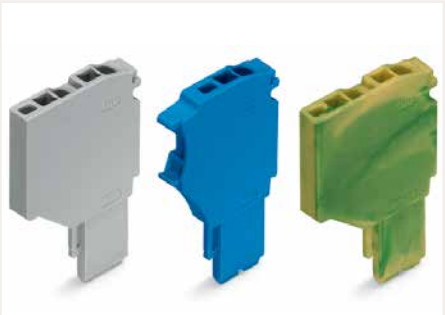
Customizing Modular Female Plugs
WAGO's modular X-COM®S-SYSTEM female plugs can be customized for applications requiring varying numbers of poles (e.g., when designing prototypes).

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

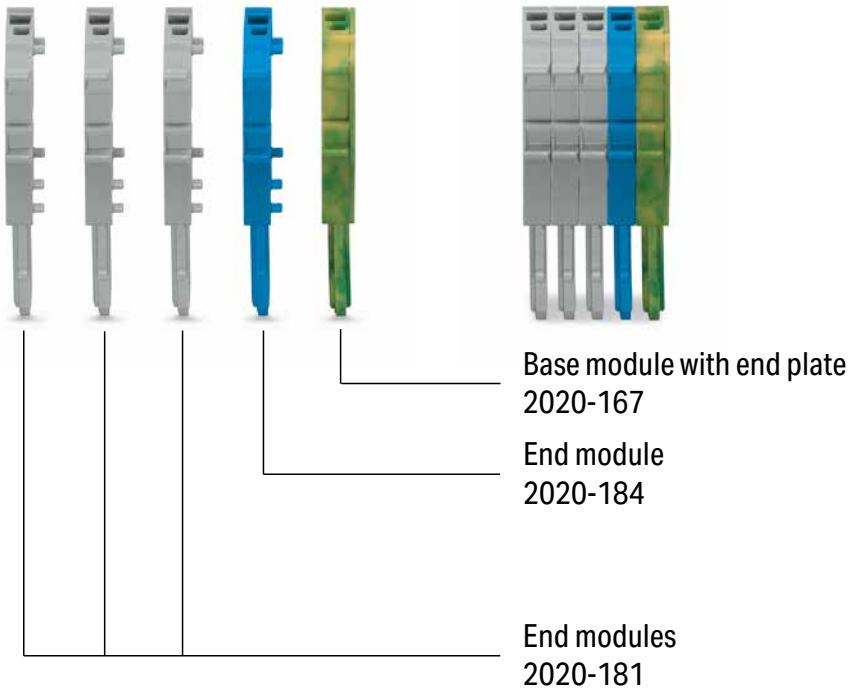
Intended Use
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

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 Multi marking system; 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”

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	

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 Multi marking system; 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”

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.

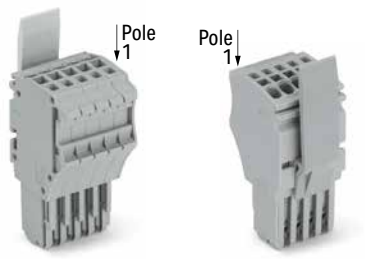
“ Approvals and corresponding ratings, visit www.wago.com

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; with Lateral Locking Lever and Strain Relief Plate
X-COM®S-SYSTEM-MINI; 1 (1.5) mm²; 2020 Series

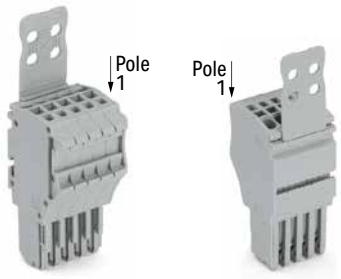
Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



1-conductor female plug; with 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

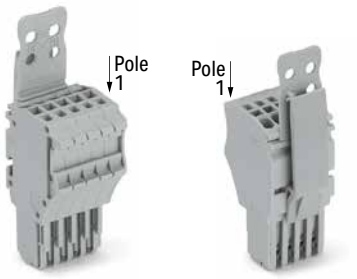
Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



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 Multi marking system; 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”

❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

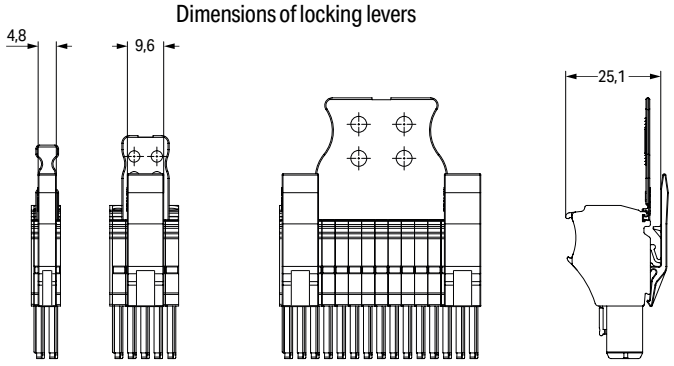
“ **Note:**
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.
Notice: An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

“ Approvals and corresponding ratings, visit www.wago.com

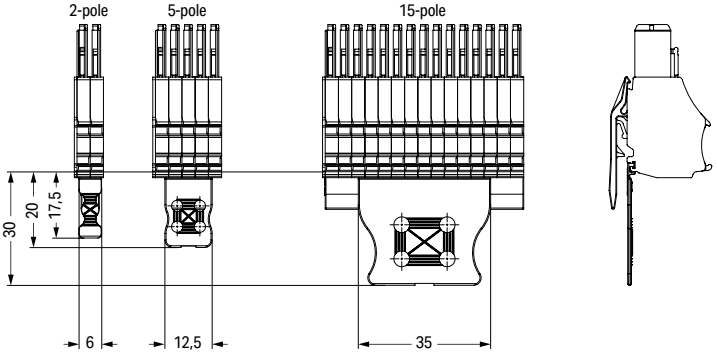
Strain Relief Plate (SRP), Gray			Assembled	Locking Lever (LL), Gray			Assembled	SRP and LL, Gray Assembled
SRP				Pole No.	Quantity	1-Way	2-Way	
			Item No. Suffix				Item No. Suffix	Item No. Suffix
Item No.	Color	Width						
734-327	gray	6mm	/132-0xx	2 to 3	1	/122-0xx	–	/142-0xx
734-328	gray	12.5mm	/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



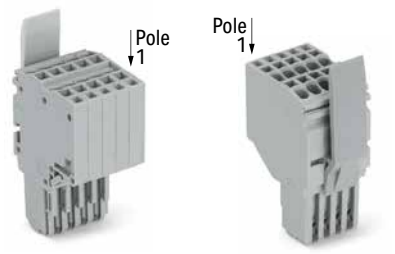
Description	Color	Item No.	Suffix No.
1-conductor female plug 2- to 15-pole	gray blue green-yellow	2020-102 to 2020-115	none /000-006 /000-016



Dimensions of strain relief plates

2-Conductor Female Plug; with Lateral Locking Lever and Strain Relief Plate
X-COM®S-SYSTEM-MINI; 1 (1.5) mm²; 2020 Series

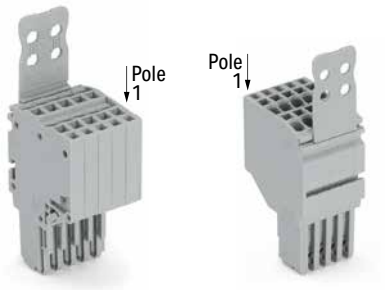
Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



2-conductor female plug; with 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

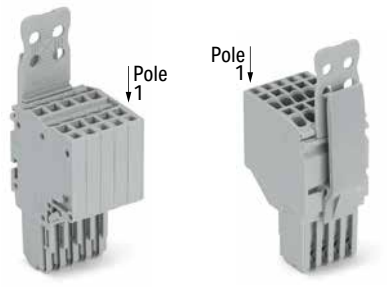
Technical Data	
0.14 … 1 (1.5) mm² ❶	24 … 16 AWG
500 V/6 kV/3 ❷	300 V, 10 A
I_N 13.5 A ❸	300 V, 10 A
Module width: 3.5 mm / 0.138 inch	
9 … 11 mm / 0.35 … 0.43 inch	



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 Multi marking system; 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”

❷ 500 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

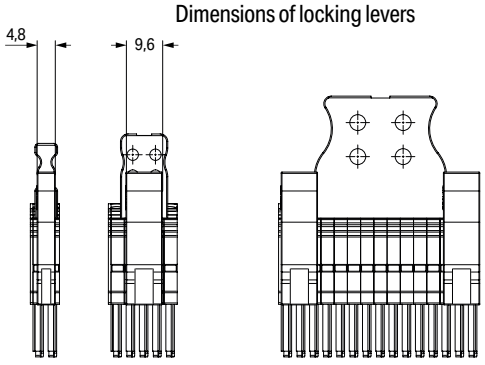
“ **Note:**
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.
Notice: An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

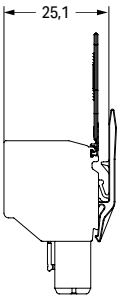
“ Approvals and corresponding ratings, visit www.wago.com

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

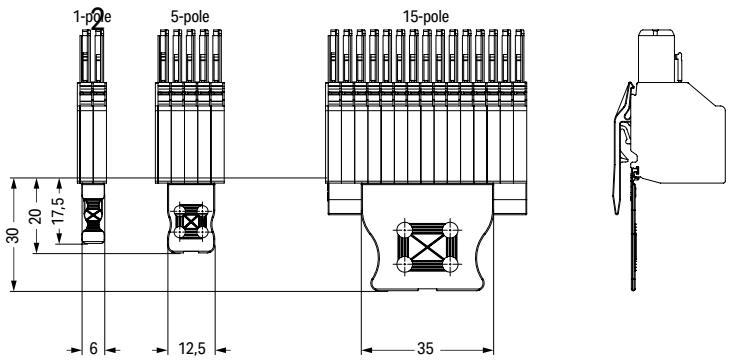
For colored female plugs, the item number suffix “xx” must be replaced by the blue “-006” and the green-yellow “-016” color suffix.

Dimensions of locking levers





Description	Color	Item No.	Suffix No.
2-conductor female plug 2- to 15-pole	gray blue green-yellow	2020-202 to 2020-215	none /000-006 /000-016

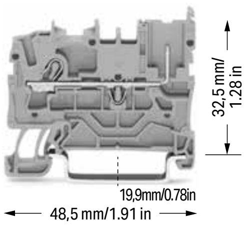


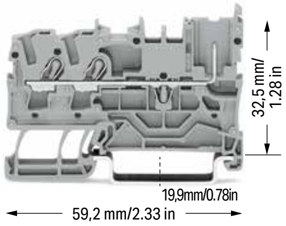
Dimensions of strain relief plates

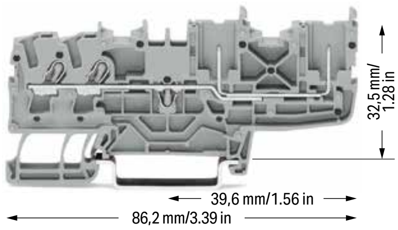
1-Conductor/1-Pin, 2-Conductor/1-Pin and 2-Conductor/2-Pin Carrier Terminal Block
X-COM®S-SYSTEM; 2.5 (4) mm²; 2022 Series

Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
690 V/6 kV/3 ❷	600 V, 20 A UR
I_N 24 A (32 A) ❸	600 V, 20 A CSA
Terminal block width: 5.2 mm / 0.205 inch	
Strip length 10 … 12 mm / 0.39 … 0.47 inch	

(The same technical data are given for all three terminal blocks.)







1-conductor/1-pin carrier terminal block		
Color	Item No.	Pack. Unit
gray	2022-1201	100
blue	2022-1204	100
orange	2022-1202	100
1-conductor/1-pin ground carrier terminal block		
green-yellow	2022-1207	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/1-pin ground carrier terminal block		
green-yellow	2022-1307	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
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)

End and intermediate plate; 1 mm thick

orange	2022-1392	100 (25)
gray	2022-1391	100 (25)

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

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	50 (25)
6-way	2002-476	50 (25)
7-way	2002-477	50 (25)
8-way	2002-478	50 (25)
9-way	2002-479	50 (25)
10-way	2002-480	50 (25)
11-way	2002-481	50 (25)
12-way	2002-482	50 (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: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

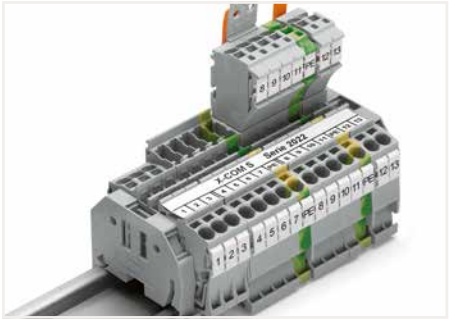
❷ 690 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

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 146
Marking, from page 230

“ 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.

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	**793-5501**	5

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

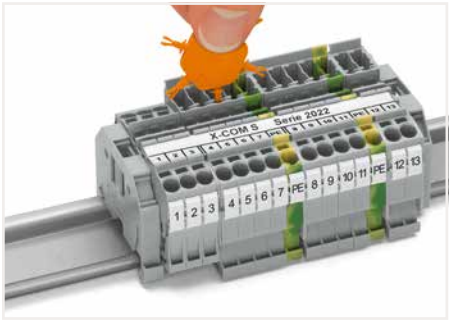
yellow	**793-5501/000-002**	5
red	**793-5501/000-005**	5
blue	**793-5501/000-006**	5
gray	**793-5501/000-007**	5
orange	**793-5501/000-012**	5
light green	**793-5501/000-017**	5
green	**793-5501/000-023**	5
violet	**793-5501/000-024**	5

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

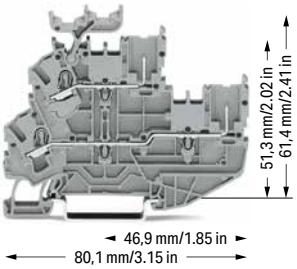
gray	**249-117**	50 (25)



Insert coding pin into the corresponding slot and twist it off.

1-Conducto/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 (32 A) ❸	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

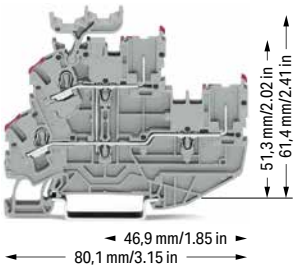


1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; with marker carrier; gray housing

	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 housing

	Item No.	Pack. Unit
L/L	2022-2201	50
N/L	2022-2202	50
L/N	2022-2203	50



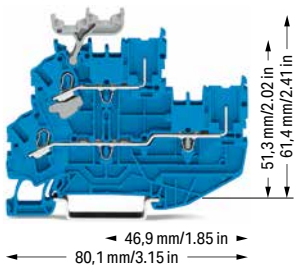
2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; with marker carrier, internally commoned; violet conductor entry; gray housing

	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 housing

	Item No.	Pack. Unit
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 (32 A) ❸	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

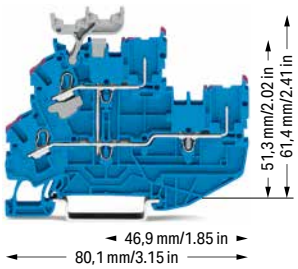


1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; with marker carrier; blue housing

	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 housing

	Item No.	Pack. Unit
N/N	2022-2204	50



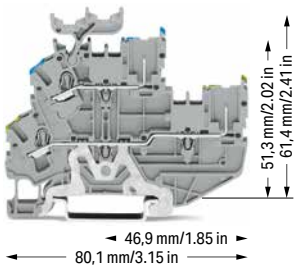
2-conductor/2-pin double-deck carrier terminal block; 2-conductor/2-pin through terminal block; with marker carrier, internally commoned; violet conductor entry; blue housing

	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 housing

	Item No.	Pack. Unit
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 (32 A) ❸	600 V, 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

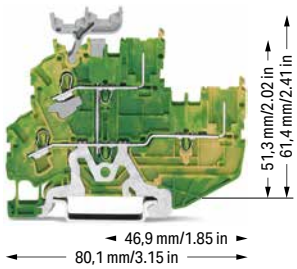


1-conductor/1-pin double-deck carrier terminal block; ground conductor/through terminal block; with marker carrier; gray housing

	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 housing

	Item No.	Pack. Unit
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 housing

	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 housing

	Item No.	Pack. Unit
PE	2022-2207	50

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

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 146
Marking, from page 230

“ 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

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

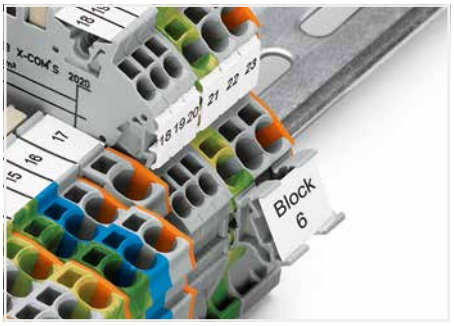
Double-deck marker carrier; pivoting

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

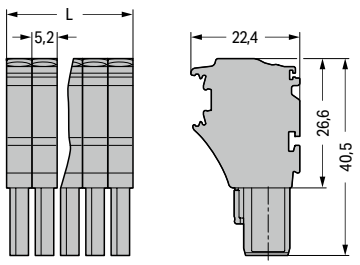


Marker carrier (2009-198)

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: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

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

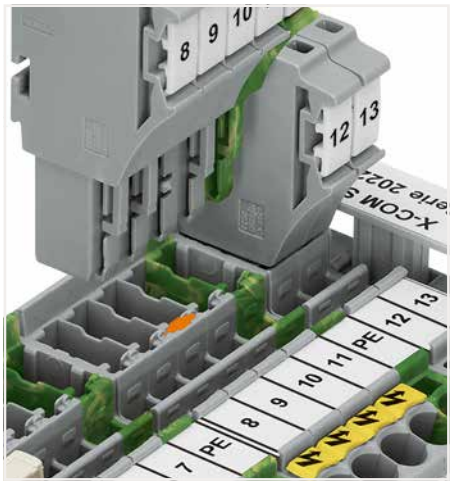
Marking strip; plain; 11 mm wide; 50 m reel

white	2009-110	1

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

plain	793-5501	5

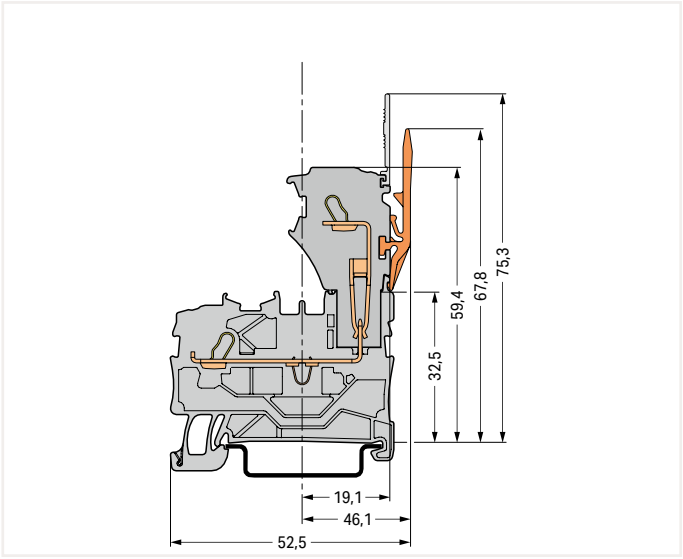
Coding a female plug: remove coding finger using a suitable tool.



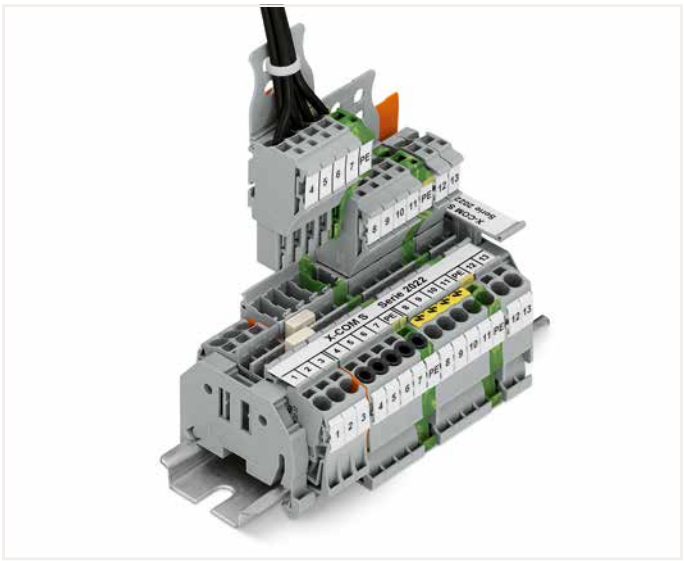
Insert a coding pin (2022-100) into the corresponding location of the carrier terminal block.

Carrier Terminal Blocks and 1-Conductor Female Plugs
Types of Assembly

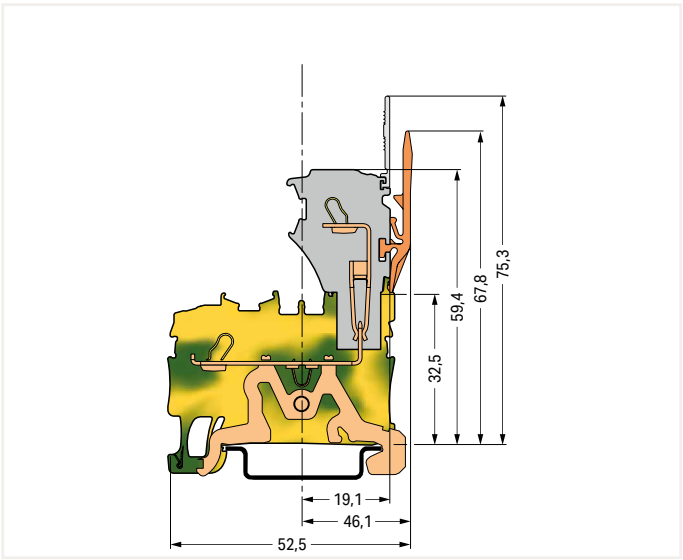
1-conductor female plug
Carrier terminal blocks can be commoned via 2000 Series Push-In Type Jumper Bars and tested via 859-500 Test Pin.



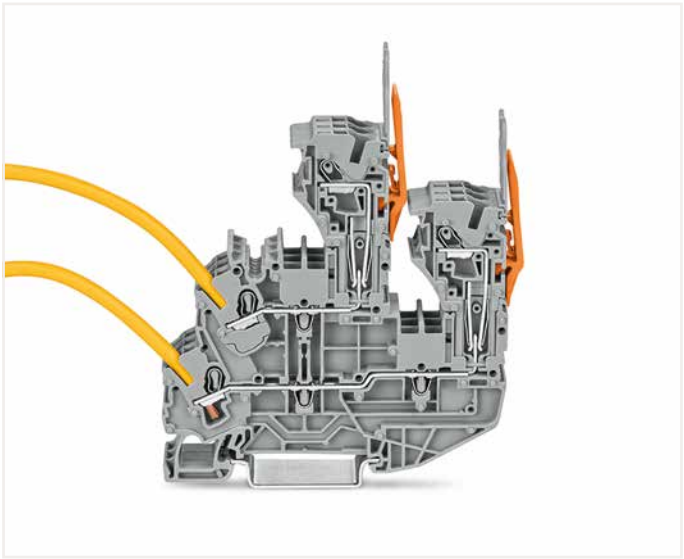
Carrier terminal block



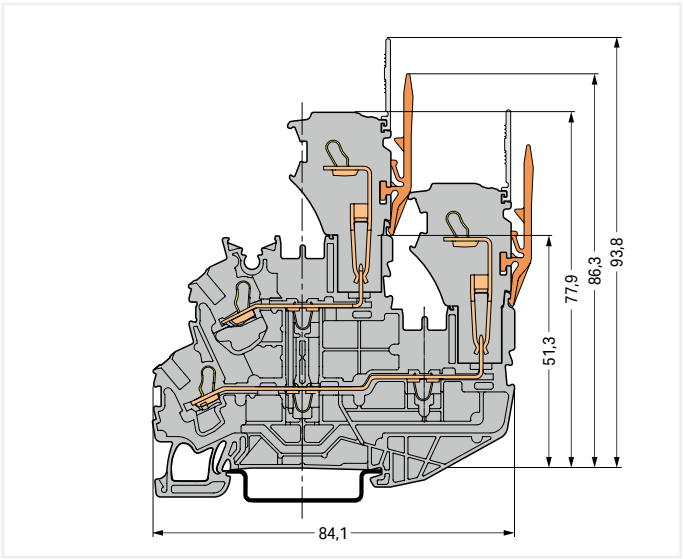
X-COM®S-SYSTEM terminal block assembly



Ground 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; 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: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

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	2022-152	100 (25)
gray	2022-151	100 (25)

Carrier with 6 coding pins; for coding female plugs

orange	2022-100	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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

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-MINI 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

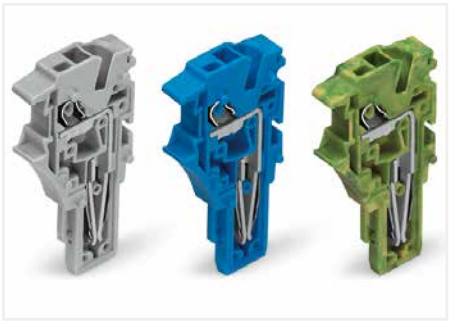
Intended Use

According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

Mounting

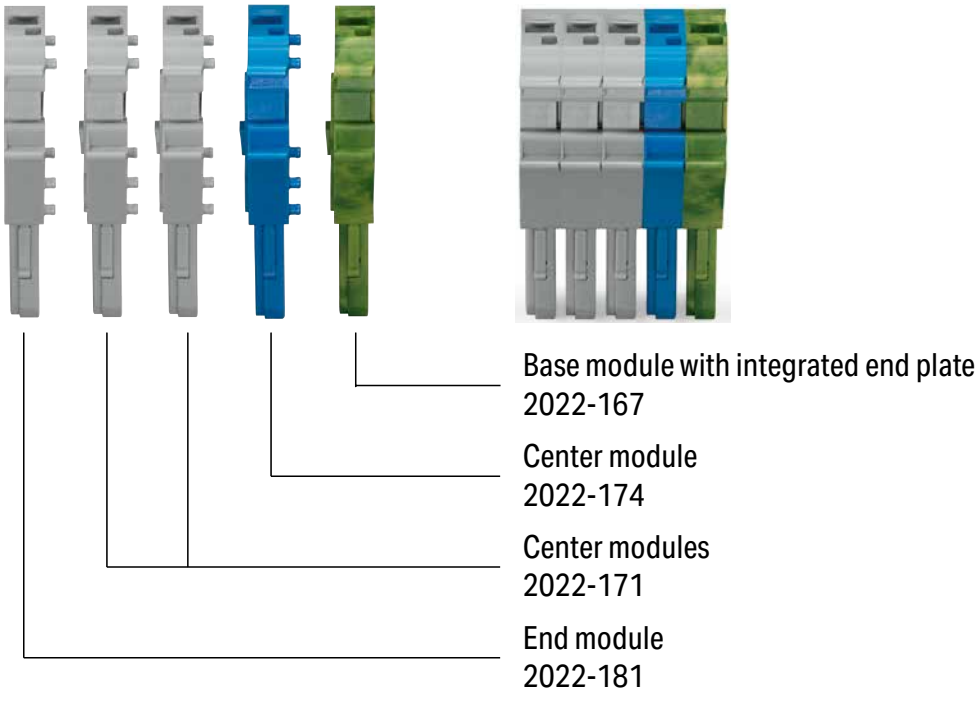
The appropriate mounting tool shall be used in order to guarantee that the individual modules are properly attached to each other without damaging the locking latches.


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

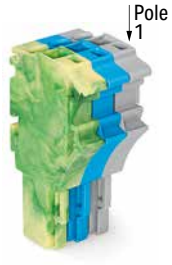
WMB Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

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: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

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.

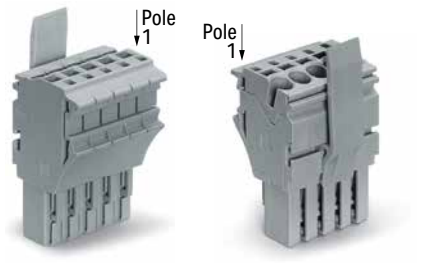
" Approvals and corresponding ratings, visit www.wago.com

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; with Lateral Locking Lever and Strain Relief Plate
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	



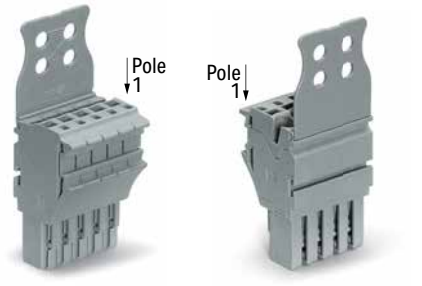
1-conductor female plug; with locking lever; fits into carrier terminal blocks; codable; gray

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	



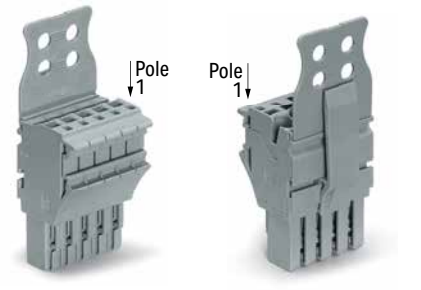
1-conductor female plug; with strain relief plate; fits into carrier terminal blocks; codable; gray

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain 793-5501 5

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

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: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

❷ 690 V = rated voltage
6 kV = rated impulse voltage
3 = pollution degree

❸ Current-carrying capacity curves upon request

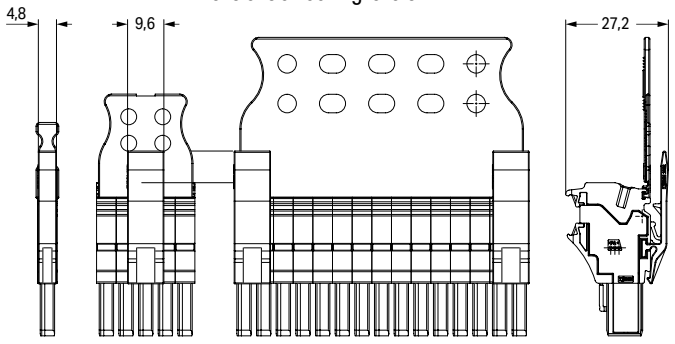
“ **Note:**
According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

“ Approvals and corresponding ratings, visit www.wago.com

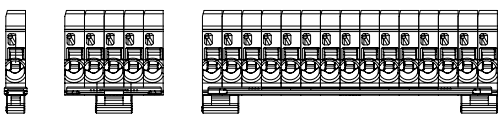
Strain Relief Plate (SRP), Gray			Assembled	Locking Lever (LL), Gray				SRP and LL, Gray Assembled
SRP				Pole No.	Quantity	1-Way	2-Way	
			Item No. Suffix			Item No. Suffix		Item No. Suffix
Item No.	Color	Width						
734-327	gray	6mm	/132-0xx	1 to 2	1	/122-0xx	–	/142-0xx
734-328	gray	12.5mm	/133-0xx	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

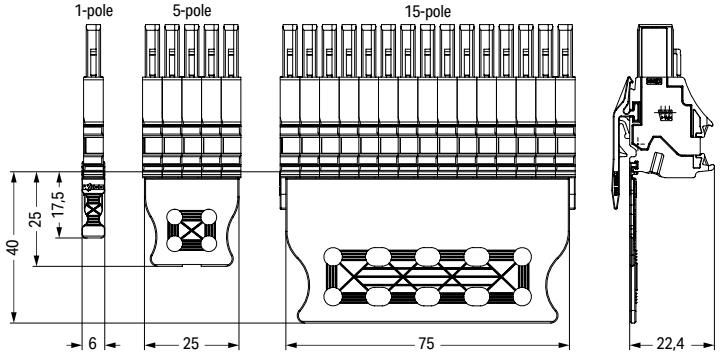
For colored female plugs, the item number suffix “xx” must be replaced by the blue “-006” and the green-yellow “-016” color suffix.

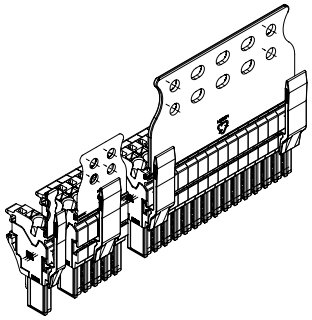
Dimensions of locking levers



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





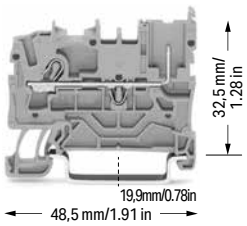


Dimensions of strain relief plates

1-Conductor/1-Pin, 2-Conductor/1-Pin and 2-Conductor/2-Pin Carrier Terminal Block; suitable for Ex nA applications

X-COM®S-SYSTEM; 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	

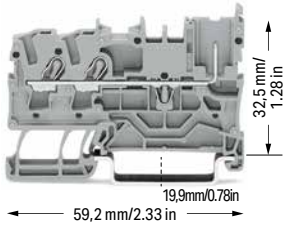


1-conductor/1-pin carrier terminal block; suitable for Ex nA applications		
Color	Item No.	Pack. Unit
gray	2022-1201/999-953	100
blue	2022-1204/999-953	100

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	

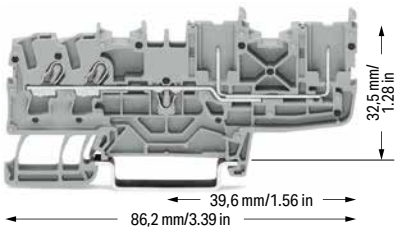


2-conductor/1-pin carrier terminal block; suitable for Ex nA applications		
Color	Item No.	Pack. Unit
gray	2022-1301/999-953	100
blue	2022-1304/999-953	100

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

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

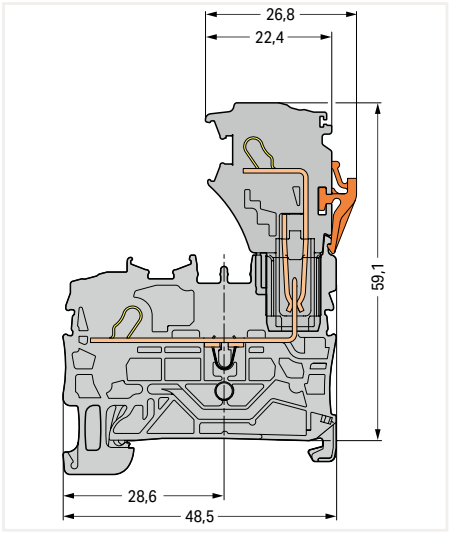
❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

❷ 630 V = rated voltage for use in Zone 2 hazardous areas, “nA” type of protection

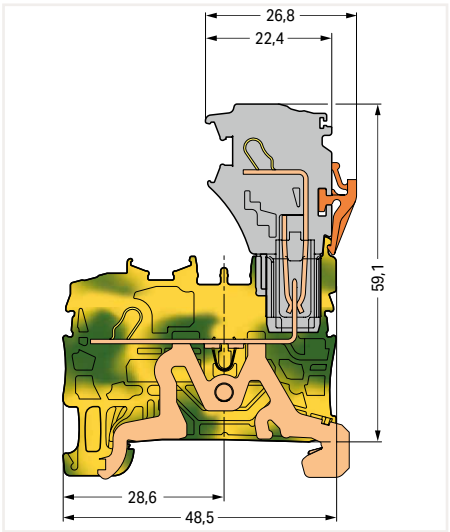
“ **Note:**
When used as intended, female plugs must not be connected/disconnected when live or under load.

“ Please observe the application notes:
Jumpers, from page 146
Marking, from page 230

“ 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

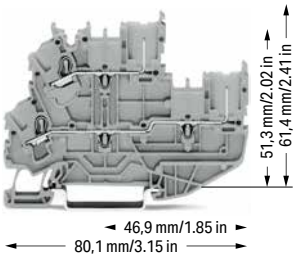
“n” refers to an ignition protection class in Zone 2:
This zone covers areas in which a dangerous, explosive atmosphere consisting of gases, vapors or dust is unlikely to exist and will only persist for a short period if it does.

“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; Suitable for Ex nA Applications
X-COM®S-SYSTEM; 2.5 (4) mm²; 2022 Series

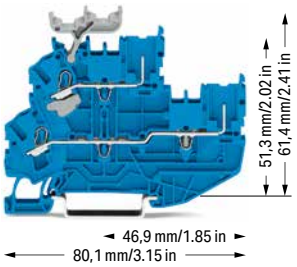
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
630 V ❷	600 V; 20 A
I_N 20 A	600 V; 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; without marker carrier; gray housing; suitable for Ex nA applications

	Item No.	Pack. Unit
L/L	2022-2201/999-953	50

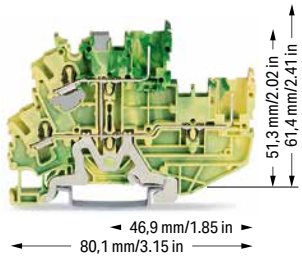
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
630 V ❷	600 V; 20 A
I_N 20 A	600 V; 20 A
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



1-conductor/1-pin double-deck carrier terminal block; through/through terminal block; with marker carrier; blue housing; suitable for Ex nA applications

	Item No.	Pack. Unit
N/N	2022-2234/999-953	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	



2-conductor/2-pin double-deck carrier block; 2-conductor/2-pin ground conductor block; without marker carrier; internally commoned; green-yellow housing; suitable for Ex nA applications

	Item No.	Pack. Unit
PE	2022-2207/999-953	50

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)
	2002-492/000-012	100 (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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

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)

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

gray	249-117	50 (25)

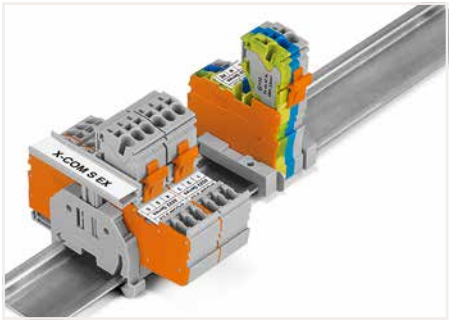
❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

❷ 630 V = rated voltage for use in Zone 2 hazardous areas, “nA” type of protection
with double-deck vertical jumper, 19 A

“ **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 146
Marking, from page 230

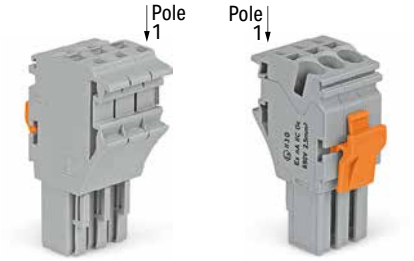
“ Approvals and corresponding ratings,
visit www.wago.com



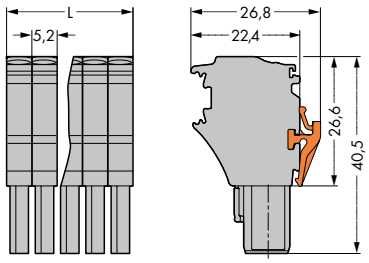
Group marking with height-adjustable group marker carrier (2009-163)

1-Conductor Female Plug; for Ex nA Applications
X-COM®S-SYSTEM; 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: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules, 12 mm"

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

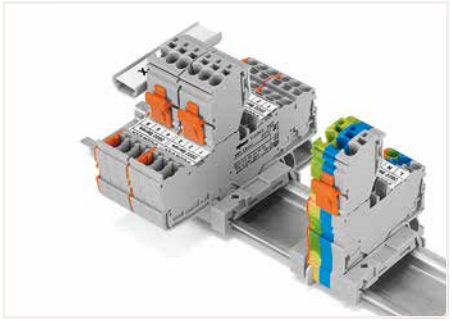
white	2009-110	1

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

plain	793-5501	5

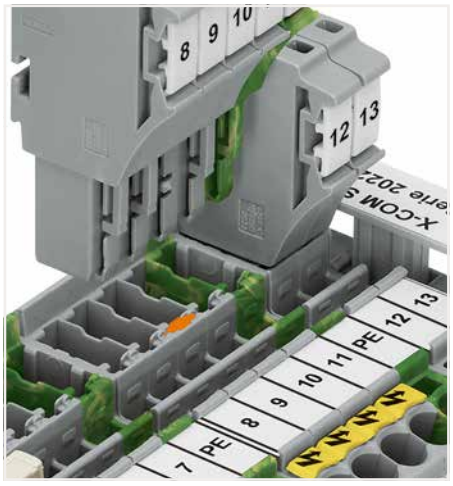
WMB Multi marking system; plain; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

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; for Ex nA Applications

X-COM®S-SYSTEM; 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	

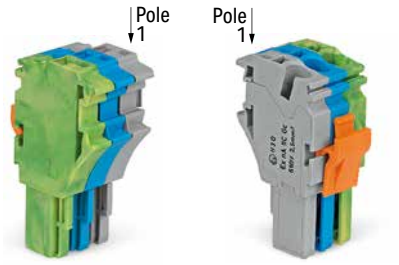
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
630 V ❷	600 V, 20 A
I_N 20 A	600 V, 20 A
Module width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	

❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

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



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

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

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

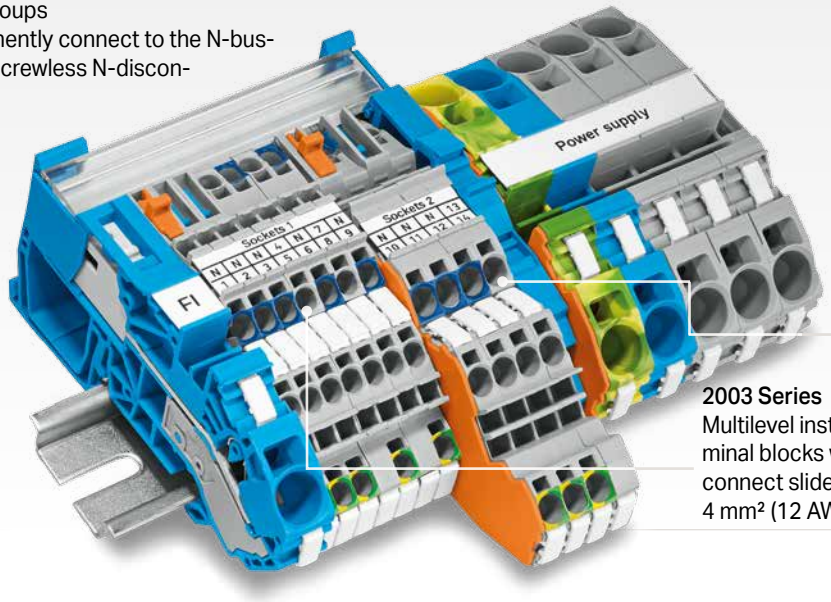
yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

MULTILEVEL INSTALLATION TERMINAL BLOCKS

For Building Installations and Industrial Applications

Multilevel Installation Terminal Blocks with N-Disconnect Slide Links for Mounting with N-busbar

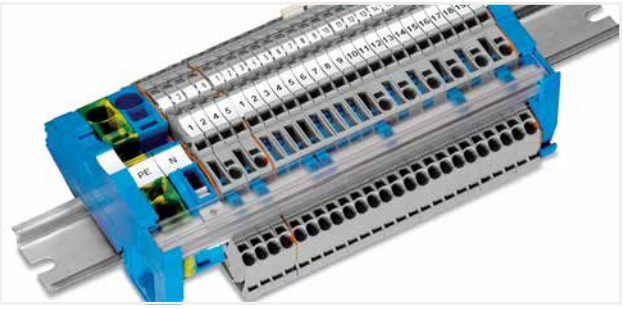
- Configure larger circuit groups
- Automatically and permanently connect to the N-busbar by simply sliding the screwless N-disconnect link



2005 Series
Multilevel installation terminal blocks with an N-disconnect slide link up to 6 mm² (10 AWG), 36 A

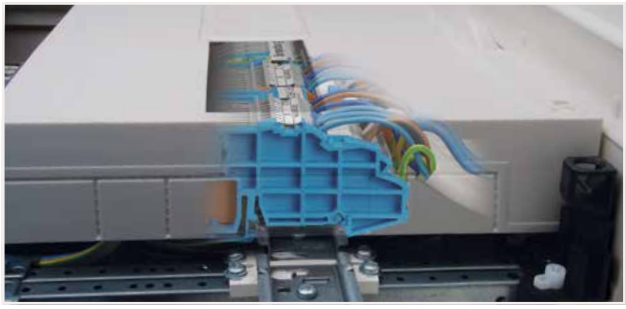
2003 Series
Multilevel installation terminal blocks with an N-disconnect slide link up to 4 mm² (12 AWG), 32 A

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.

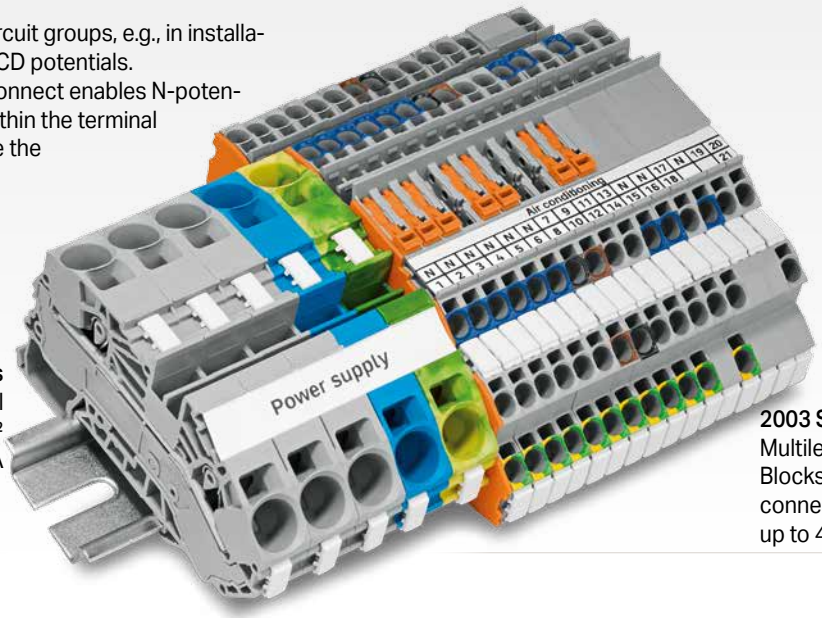
Maximum Wiring Space



- 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.



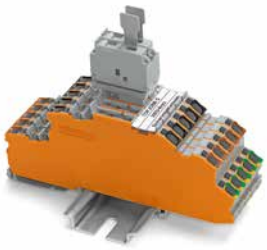
2016 Series
Supply Terminal Blocks up to 16 mm² (4 AWG), 76 A

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.

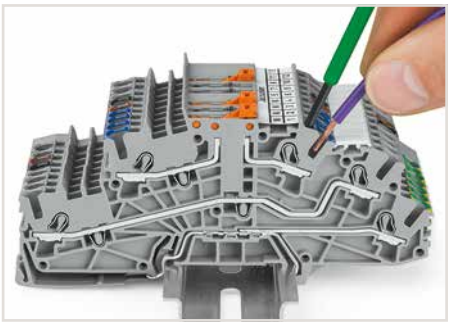
Multilevel Installation Terminal Blocks as Fuse Terminal Block



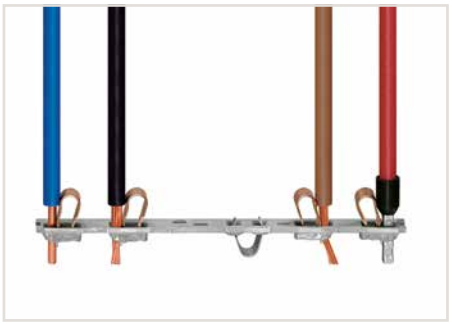
- Multilevel installation terminal blocks carry a centered slot, allowing them to be used as fuse terminal blocks in a standard distribution board's cutout.
- The fuse plugs for microfuses can be used in combination with an end and intermediate plate (1 mm/0.039 inch thick).

Installation Rail-Mount Terminal Blocks
Installation

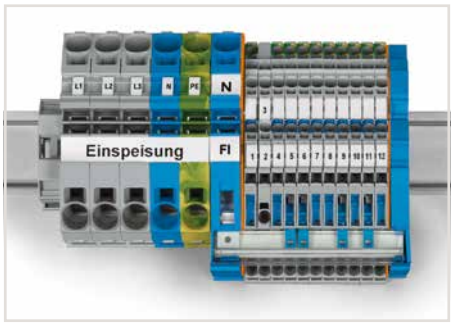
Inserting conductors via push-in termination.
Solid conductors with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.



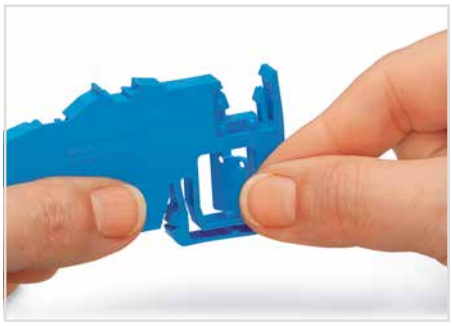
Inserting a conductor via operating tool.
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.



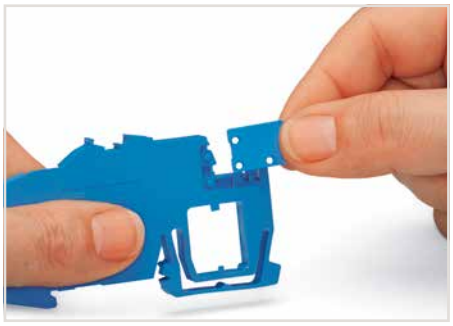
All conductor types at a glance



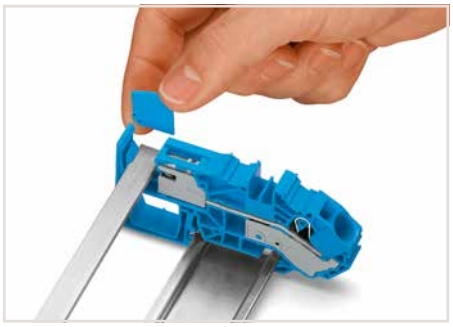
Mounting busbars on busbar carriers: Insert busbar ends onto large busbar carriers (2009-305) or onto supply terminal blocks with an integrated busbar carrier.



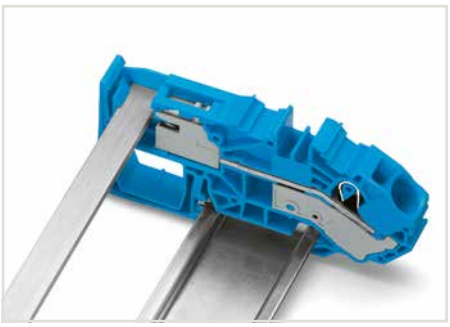
Removing the separator plate from the busbar carrier or from the N-disconnect terminal block.



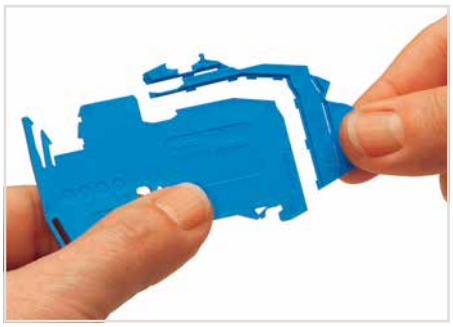
Inserting the separator plate into the busbar carrier to protect the N-busbar against accidental contact.



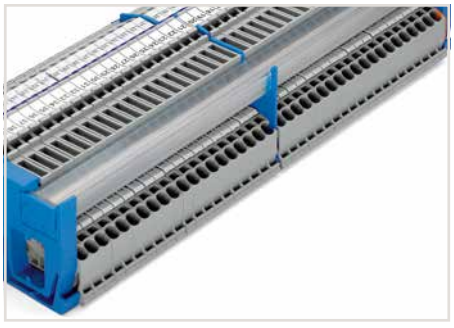
Inserting separator plate removed from N-disconnect terminal block.



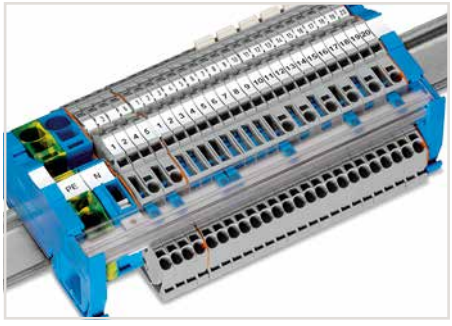
Touch-proof N-busbar via inserted separator plate



Perforations make it possible to fit the carrier to all TOPJOB® S Installation Rail-Mount Terminal Blocks 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

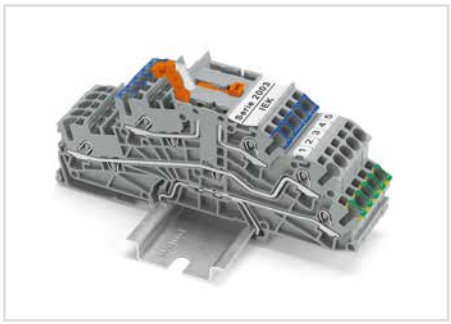
Push-in CAGE CLAMP® terminates the following copper conductors:
solid

stranded

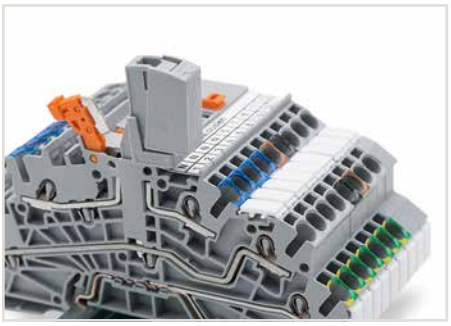
fine-stranded, also with tinned single strands

PUSH-IN CAGE CLAMP®

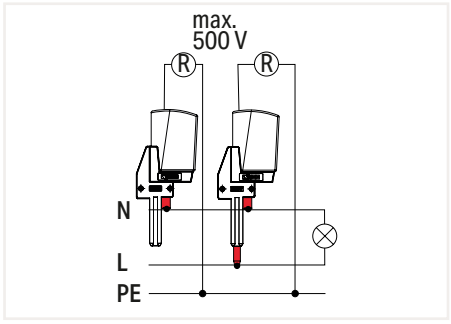
Installation Rail-Mount Terminal Blocks
Installation



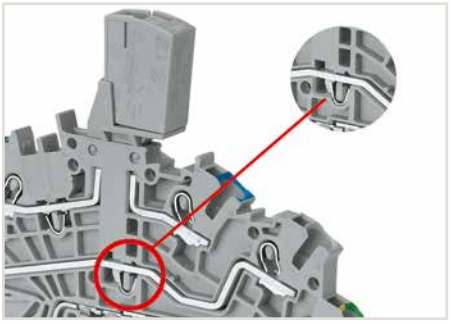
N-potential disconnection via N-knife disconnect within a terminal block assembly without a busbar.



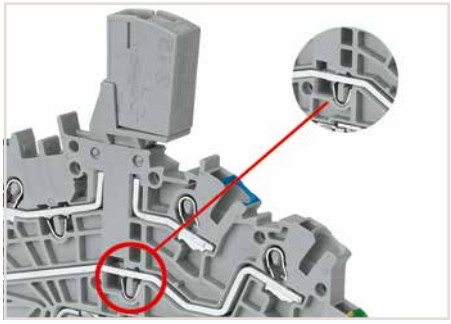
For multilevel installation terminal blocks with internal N-disconnection, test plug adapters can be inserted into the free vertical test slot when the N-potential is disconnected.



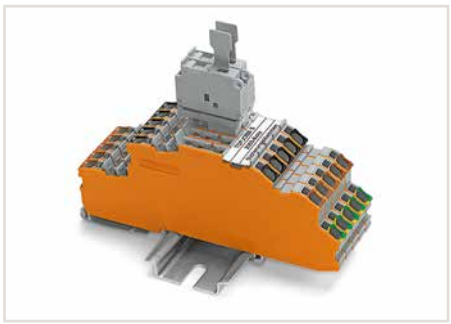
Test plug adapters for both individual N-potential measurement and insulation resistance measurement of the connected N- and L-potentials are available.



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

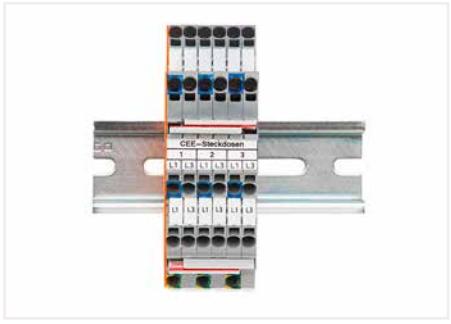


Multilevel installation terminal block fitted with an N-test plug adapter for insulation resistance measurement of the N-potential

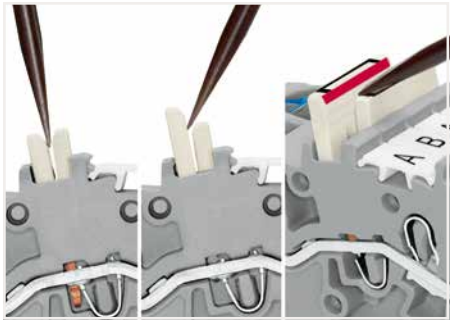


Single-fuse plugs can be used in combination with 1 mm thick end and intermediate plates on carrier terminal blocks without N-knife disconnect.

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



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.

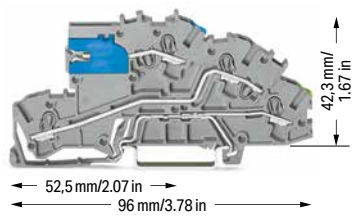
fine-stranded, tip-bonded

fine-stranded, with ferrule (gastight crimped)

fine-stranded, with pin terminal (gastight crimped)

Multilevel Installation Terminal Block; with N-Disconnect Slide Link
TOPJOB® S; 2.5 (4) mm²; 2003 Series

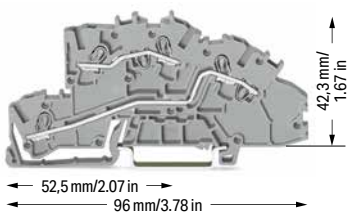
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/4 kV/3; 32 A (32 A) ❷	
400 V/6 kV/3; 32 A (32 A) ❷	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Multilevel installation terminal block; with N-disconnect slide link; gray

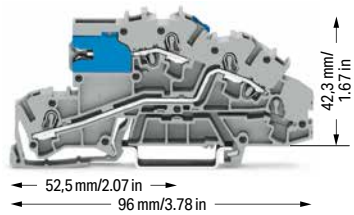
	Item No.	Pack. Unit
○ NT/L/PE	2003-7641	50

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	



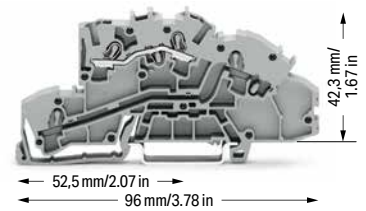
Multilevel installation terminal block; gray

	Item No.	Pack. Unit
○ L/L	2003-7642	50
○ N/L	2003-7649	50



Multilevel installation terminal block; 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
○ L	2003-7650	50
○ N	2003-7651	50

Multilevel installation terminal block; gray

	Item No.	Pack. Unit
○ N/L/PE	2003-7646	50
○ L/L/PE	2003-7645	50

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

❶ Conductor range: 0.25 … 4 mm² "s+f-st"
Push-in termination: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules; 12 mm"

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 146
Testing accessories, from page 145
Marking, from page 230

" Approvals and corresponding ratings, visit www.wago.com

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

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

yellow	210-137	50

Operating tool; 3.5 mm and 2.5 mm blade width; for TOPJOB® S Installation Terminal Blocks

	2009-309	1

Operating tool; 3.5 mm and 5.5 mm blade width; for TOPJOB® S Installation Terminal Blocks

	2009-310	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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

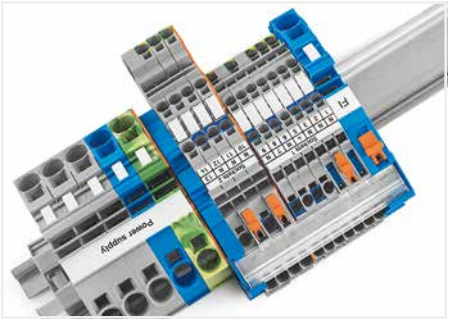
yellow	793-5501/000-002	5
red	793-5501/000-005	5
blue	793-5501/000-006	5
gray	793-5501/000-007	5
orange	793-5501/000-012	5
light green	793-5501/000-017	5
green	793-5501/000-023	5
violet	793-5501/000-024	5

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 TOPJOB® S 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 TOPJOB® S Installation Terminal Blocks compatible with standard TOPJOB® Installation 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 resistance measurement is possible for every circuit without disconnecting the N-conductor. WAGO 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 the regular circuit testing. To guarantee a reliable connection, a corrosion-resistant contact area is required on the N-busbar.

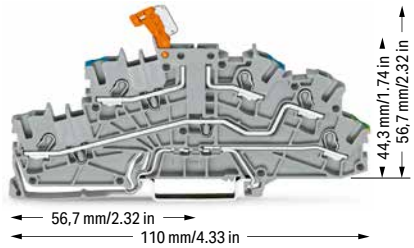
Historically, uninsulated copper busbars, that have been cleaned/stripped of any possible corrosion prior to install, can be used in dry, pollution-free locations.

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; with Internal N-Disconnection
TOPJOB® S; 2.5 (4) mm²; 2003 Series

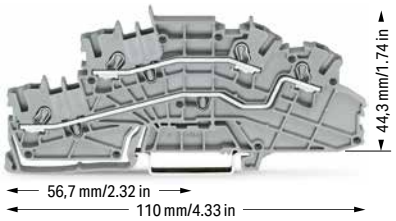
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
250 V/4 kV/3; 20 A (25 A) ❷	
400 V/6 kV/3; 20 A (25 A) ❷	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



Multilevel installation terminal block; with pivoting knife disconnect; gray

	Item No.	Pack. Unit
○ NTi/L/PE	2003-6641	50
○ LTi/L/PE	2003-6644	50

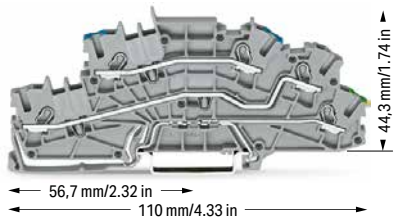
Technical Data	
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG
400 V/6 kV/3 ❷	
I_N 24 A (28 A)	
Terminal block width: 5.2 mm / 0.205 inch	
10 … 12 mm / 0.39 … 0.47 inch	



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

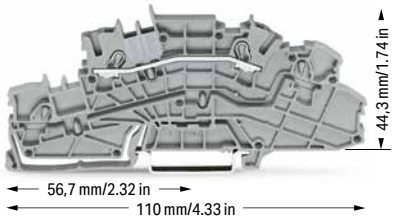
Accessories; item-specific

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: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules; 12 mm”

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 146
Testing accessories, from page 145
Marking, from page 230

“ 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain 793-5501 5

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

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

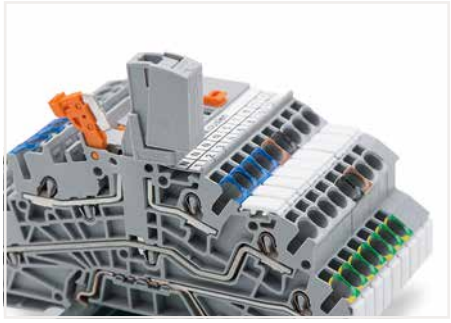
gray 249-117 50 (25)

Operating tool; 3.5 mm and 2.5 mm blade width; for TOPJOB® S Installation Terminal Blocks

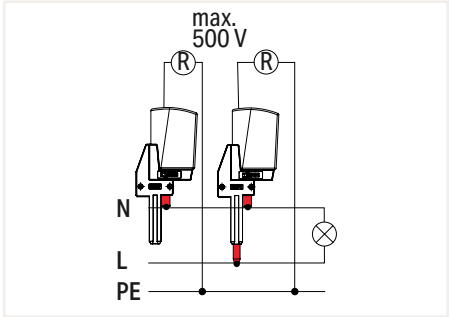
2009-309 1

Operating tool; 3.5 mm and 5.5 mm blade width; for TOPJOB® S Installation Terminal Blocks

2009-310 1



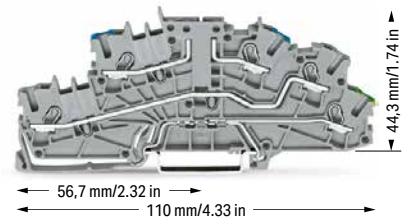
For multilevel installation terminal blocks with internal N-disconnection, test plug adapters can be inserted into the free vertical test slot when the N-potential is disconnected.



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	



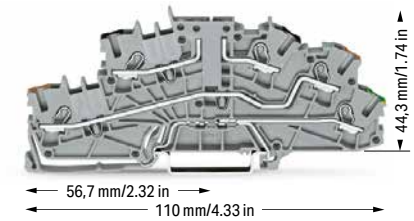
Multilevel installation terminal block; carrier terminal block without knife disconnect; gray
Maximum current depends on accessories used.

	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

◯ 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

◯ P1/P2/PE	2003-6660	50

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 miniature metric 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 miniature metric 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)

❶ Conductor range: 0.25 … 4 mm² "s+f-st"
Push-in termination: 0.75 … 4 mm² "s"
and 0.75 … 2.5 mm²
"insulated ferrules; 12 mm"

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 146
Testing accessories, from page 145
Marking, from page 230

" 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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

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

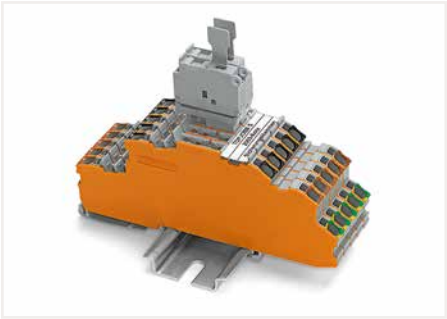
gray	249-117	50 (25)

Operating tool; 3.5 mm and 2.5 mm blade width; for TOPJOB® S Installation Terminal Blocks

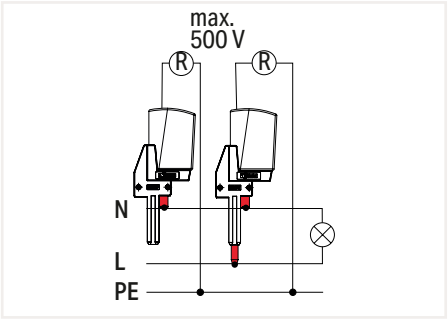
	2009-309	1

Operating tool; 3.5 mm and 5.5 mm blade width; for TOPJOB® S Installation Terminal Blocks

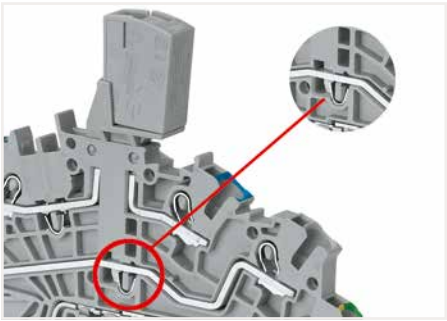
	2009-310	1



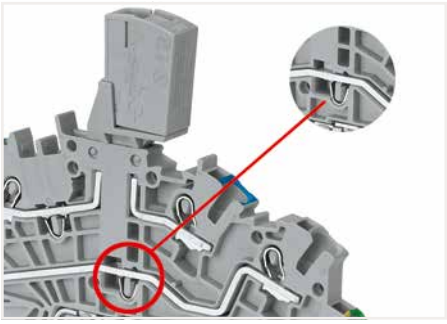
Single-fuse plugs can be used in combination with 1 mm thick end and intermediate plates on carrier terminal blocks without N-knife disconnect.



Test plug adapters for both individual N-potential measurement and insulation resistance measurement of the connected N- and L-potentials are available.



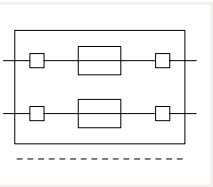
Multilevel installation terminal block fitted with an N/L-test plug adapter for quick and safe insulation resistance measurement of the connected N- and L-potentials



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

Double-Fuse Plug on Carrier Terminal Blocks 2.5 (4) mm²
TOPJOB® S; 2003 Series

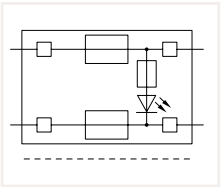
Technical Data
250 V / I_N 6,3 A
Plug width: 10.4 mm / 0.409 inch



Double-fuse plug; for (5 x 20) mm miniature metric 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 miniature metric 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

- 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

Fuse Plug Accessories

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)

Fuse Plug Accessories

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 Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

plain	793-5501	5

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

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

PUSH-IN CAGE CLAMP®

Double-Fuse Plug on Carrier Terminal Blocks 2.5 (4) mm²
Technical Information

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

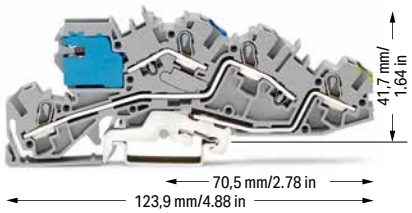
Miniature metric fuses 5 x 20

Series Item No.	Overload and short circuit protection		Short circuit protection only	
	Individual argmt.	Group argmt.	Individual argmt.	Group argmt.
	Fuse terminal blocks			
2003-911 2003-911/....-....	1.6 W	1.6 W	2.5 W	2.5 W

When selecting miniature metric fuses, make sure that the maximum power loss listed 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 miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers.

Multilevel Installation Terminal Block; with N-Disconnect Slide Link
TOPJOB® S; 4 (6) mm²; 2005 Series

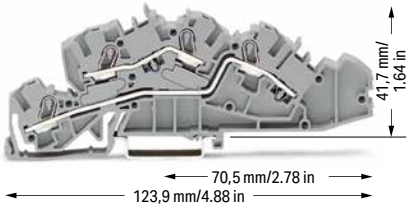
Technical Data	
0.5 … 4 (6) mm² ❶	20 … 10 AWG
250 V/4 kV/3; 36 A (36 A) ❷	
400 V/6 kV/3; 36 A (36 A) ❷	
Terminal block width: 6.2 mm / 0.244 inch	
11 … 13 mm / 0.43 … 0.51 inch	



Multilevel installation terminal block; with N-disconnect slide link; gray

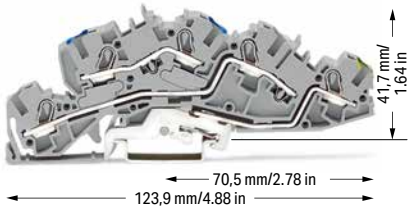
	Item No.	Pack. Unit
○ NT/L/PE	2005-7641	50

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; with N-disconnect slide link; 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

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

❶ Conductor range: 0.5 … 6 mm² "s+f-st"
Push-in termination: 1 … 6 mm² "s"
and 0.75 … 4 mm²
"insulated ferrules; 12 mm"

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, from page 145
Marking, from page 230

" Approvals and corresponding ratings,
visit www.wago.com

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

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

	210-137	50

Accessories; 2005 Series

Appropriate marking systems: WMB/Marking Strips

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

white	2009-110	1

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

plain	793-5501	5

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

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

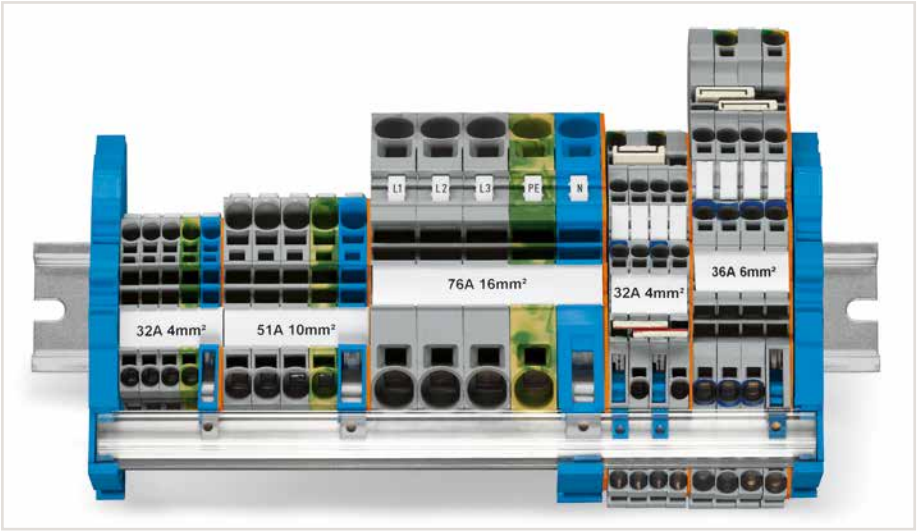
gray	249-117	50 (25)

Operating tool; 3.5 mm and 2.5 mm blade width; for TOPJOB® S Installation Terminal Blocks

2009-309	1

Operating tool; 3.5 mm and 5.5 mm blade width; for TOPJOB® S Installation Terminal Blocks

2009-310	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 the regular circuit testing. To guarantee a reliable connection, a corrosion-resistant contact area is required on the N-busbar.

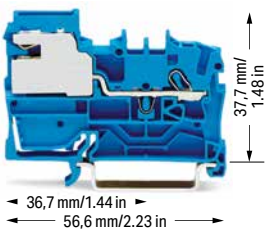
Historically, uninsulated copper busbars, that have been cleaned/stripped of any possible corrosion prior to install, can be used in dry, pollution-free locations.

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 and Power Distribution Disconnect Terminal Block
TOPJOB® S; 2.5 (4) mm²; 2002 Series and 4 (6) mm²; 2006 Series and 16 (25 "f-st") mm²; 2016 Series

Technical Data		
0.25 … 2.5 (4) mm² ❶	22 … 12 AWG	
250 V/4 kV/3 ❹		
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 36

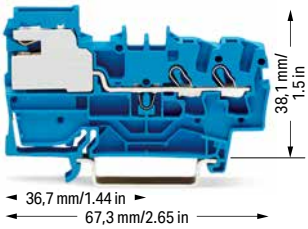
Accessories; item-specific

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

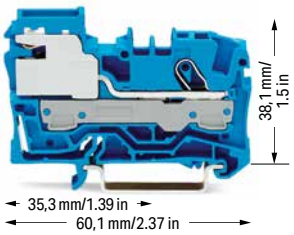
End and intermediate plate; 0.8 mm thick

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 ❹		
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 342

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

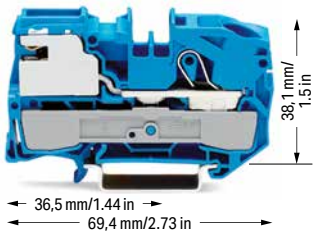
Connector; for busbar; 2.5 … 35 mm²

unplated 209-105 1

Connector; for busbar; with blue cover; 2.5 … 16 mm²

blue 210-281 100 (50)

Technical Data		
0.5 … 16 (25 "f-st") mm² ❸	20 … 4 AWG	
250 V/4 kV/3 ❹		
I_N 76 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		
gray	2016-7111	25

Appropriate through and ground conductor terminal blocks,
see page 44

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)

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

red 210-136 50

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

210-137 50

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

white 2009-110 1

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

plain 793-5501 5

PUSH-IN CAGE CLAMP®

Busbar Carrier
Installation

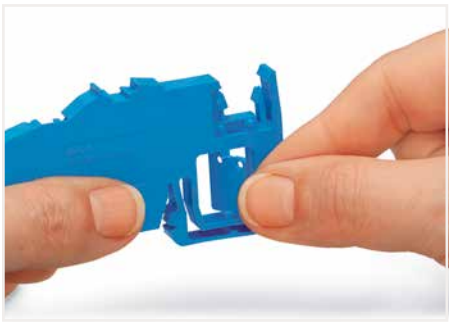
❶ Conductor range: 0.25 … 4 mm² “s+f-st”
Push-in termination: 0.75 … 4 mm² “s”
and 0.75 … 2.5 mm²
“insulated ferrules, 12 mm”

❷ Conductor range: 0.5 … 10 mm² “s+f-st”
Push-in termination: 1.5 … 10 mm² “s”
and 1.5 … 6 mm²
“insulated ferrules, 12 mm”

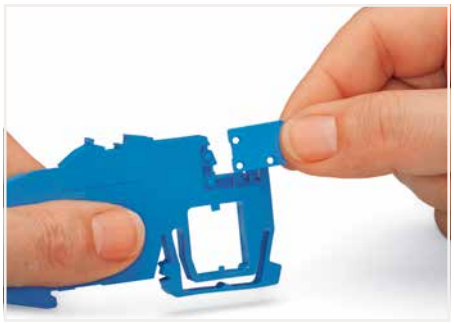
❸ Conductor range: 0.5 … 16 mm² “s+f-st”, 25 mm² “f-st”;
Push-in termination: 2.5 … 16 mm² “s”
and 2.5 … 16 mm²
“insulated ferrules, 18 mm”

❹ 250 V = rated voltage
4 kV = rated impulse voltage
3 = pollution degree

“ Approvals and corresponding ratings, visit www.wago.com



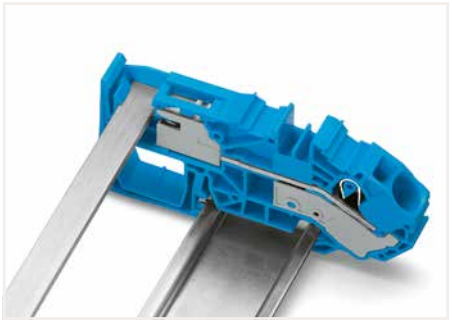
Removing the separator plate from the busbar carrier or from the N-disconnect terminal block.



Inserting the separator plate into the busbar carrier to protect the N-busbar against accidental contact.

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 N-disconnect terminal blocks meet this requirement.

Inserting separator plate removed from N-disconnect terminal block.



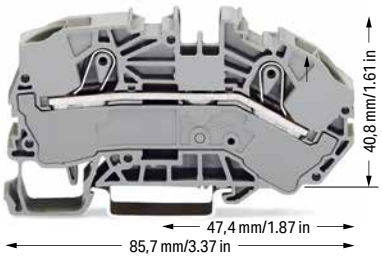
Touch-proof N-busbar via inserted separator plate

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.

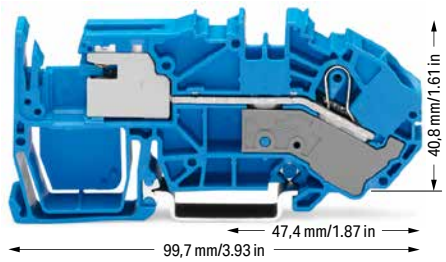
Supply Terminal Block for Distribution Boxes/Ground/N-Disconnect and Power Distribution Disconnect Terminal Block

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: 2.5 … 16 mm² “s” and 0.25 … 16 mm² “insulated ferrules, 18 mm”

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

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 41 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 41 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

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

yellow	210-137	50

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

white	2009-110	1

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

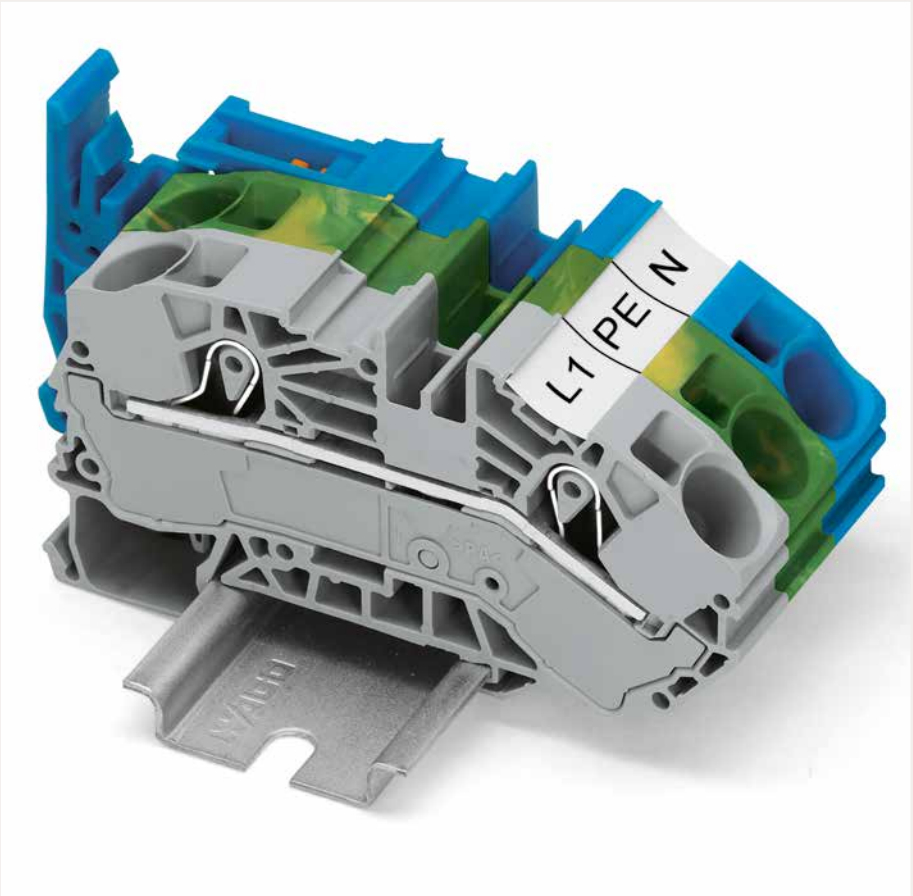
plain	793-5501	5

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 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 Assembly



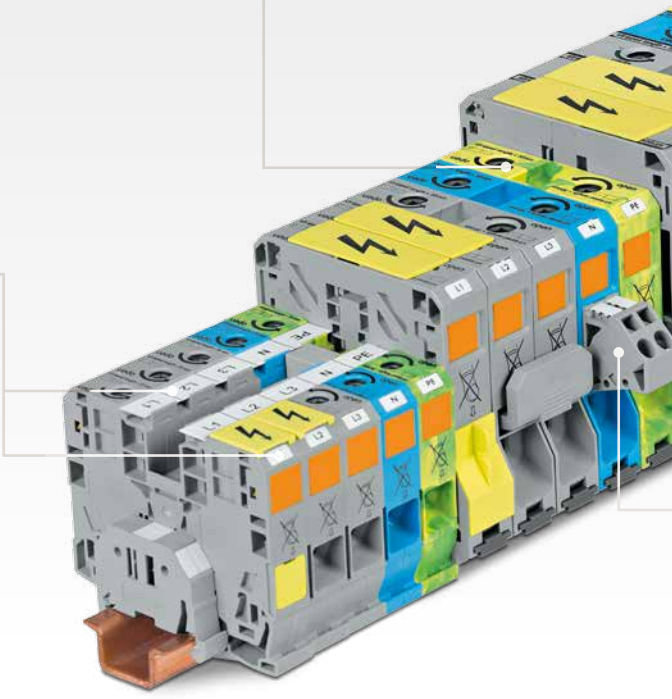
With an angled conductor entry, the 2016 Series Supply Terminal Blocks simplify the wiring of solid conductors in distribution boxes. Solid conductors of the largest cross-section can be connected easily, enabling the distribution box cover to fit without interfering with the conductors.

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)

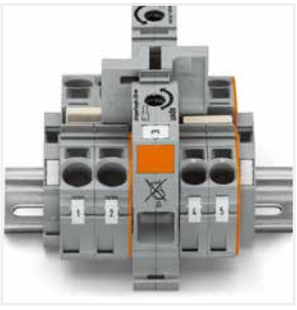
Commoning adjacent terminal blocks using a centrally positioned push-in jumper.
Use an operating tool to remove the conductor.

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

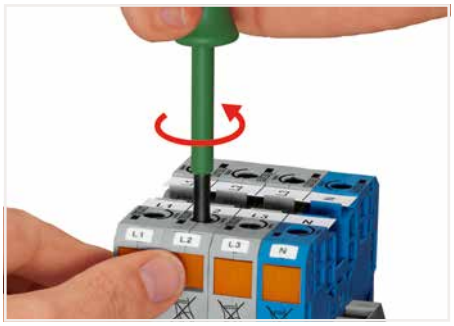


Commoning 35 mm² (2 AWG) high-current terminal blocks with 10/16 mm² (8/6 AWG) TOPJOP® S Terminal Blocks using step-down jumpers.

Testing

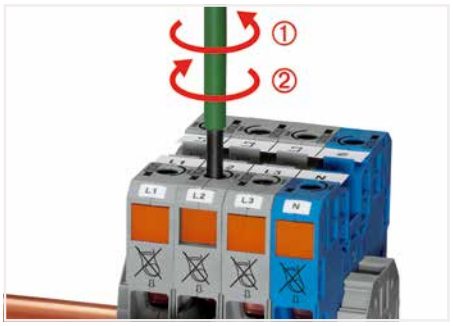
Easy troubleshooting via 4 mm Ø touch-proof test plug. A test plug adapter (283-404) is used for the 35 mm² (2 AWG) terminal block (Test plugs are not available from WAGO, but are offered by industry suppliers such as Multi-Contact Deutschland GmbH).

High-Current Rail-Mount Terminal Blocks 35 mm² (2 AWG)
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

stranded

fine-stranded, also with tinned single strands

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 TOPJOP® S Terminal Blocks 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.

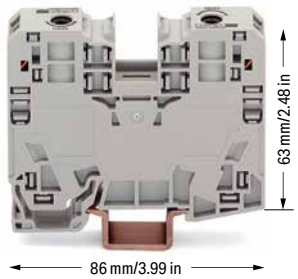
Marker carrier for marking strip or 2 x WMB markers for 285-13x, 285-15x and 285-19x terminal blocks

fine-stranded,
with ferrule
(gastight crimped)

POWER CAGE CLAMP®

High-Current, Through/Ground Conductor and Ex Terminal Block
35 mm²; 285 Series

Technical Data	
6 … 35 mm²	10 … 2 AWG
1000 V/8 kV/3 ❶	600 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

" Please observe the application notes:
Step-down jumpers, see page 199
Marking, from page 230

" 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; 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; 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

Operating tool with a partially insulated shaft; type 3; (5.5 x 0.8) mm blade

210-721 | 1

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

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

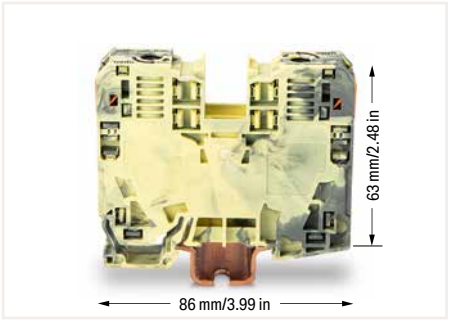
red | 210-136 | 50

WMB Multi marking system; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain | 793-501 | 5

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

plain | 793-5501 | 5



2-conductor through terminal block, dark gray/yellow (285-131)

Accessories for High-Current Terminal Blocks

Appropriate marking systems: WMB/WMB Inline/Marking Strips

Copper carrier 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 Multi marking system; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain | 793-501 | 5

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

plain | 793-5501 | 5

Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide

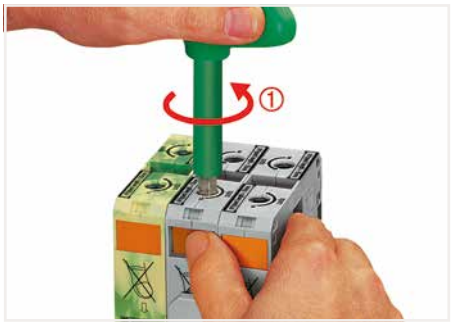
gray | 285-442 | 25

Screwless end stop; for DIN-35 rail; 14 mm wide

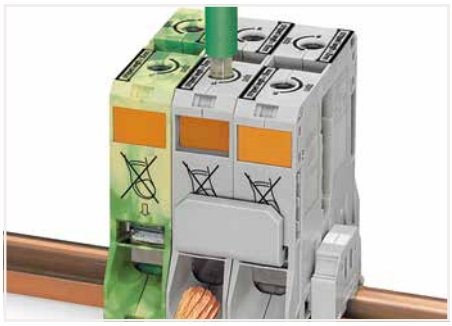
gray | 249-197 | 10

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 carrier rail.

Protective warning marker may indicate::
Notice: Power is still on even after switching off the main switch!

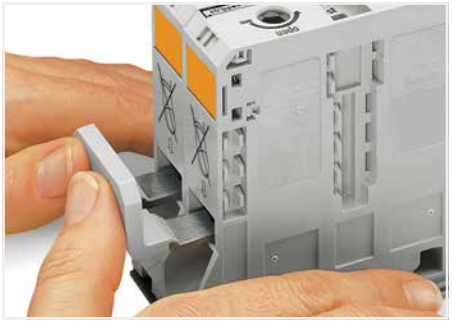
Risk of injury!
Do not insert fingers in the conductor entry!

Yellow, detachable finger guards provide touch-proof safety by shielding jumper contact slots and/or unused conductor entries.

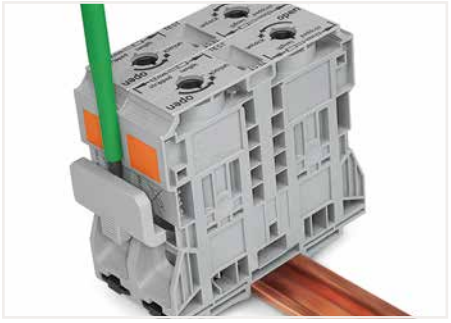
POWER CAGE CLAMP terminates the following copper conductors:
solid

stranded

fine-stranded, also with tinned single strands



Commoning with an adjacent jumper: insert the jumper above the conductor entry hole – prior to conductor termination. The nominal cross-section remains unchanged.

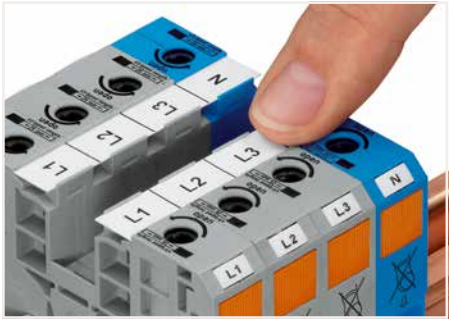


Removing jumper via operating tool.

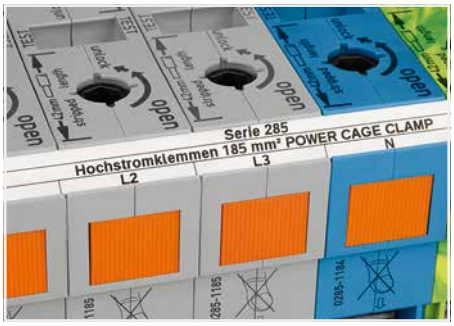
Reliably and easily tap directly into the power supply. Insert the unwired tap before opening the clamping unit.

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.



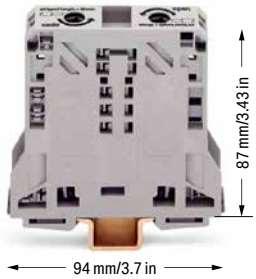
In addition to WMB markers, marking strips can be directly applied to 185 mm² (350 kcmil) high-current terminal blocks.

fine-stranded, with ferrule (gastight crimped)

POWER CAGE CLAMP®

High-Current, Through/Ground Conductor and Ex 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	600 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; 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

green-yellow	285-157	5
green-yellow	285-157/999-950 ❷	5

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)

Finger guard; touch-proof cover protects unused conductor entries and jumper slots

yellow 285-441 100 (25)

T-wrench with a partially insulated shaft

285-172 1

Three-phase set; with 50 mm² high-current terminal blocks

285-159 1

Copper carrier 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

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	

Power tap; for 50 mm² high-current terminal blocks

Color	Item No.	Pack. Unit
gray	285-447	5

Accessories; item-specific

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

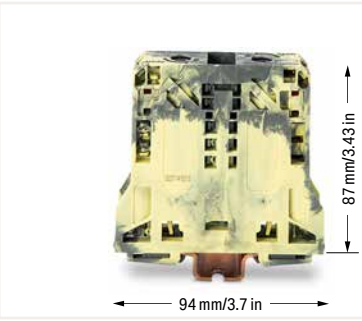
yellow 282-415 50 (25)

WMB Multi marking system; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain 793-501 5

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

plain 793-5501 5



2-conductor through terminal block, dark gray/yellow (285-151)

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

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 Multi marking system; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain 793-501 5

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

plain 793-5501 5

Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide

gray 285-442 25

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

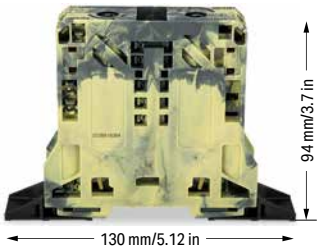
Technical Data	
10 … 50 (70 “f-st”) mm²	8 … 1/0 AWG
1000 V/8 kV/3 ❶	
I_N 150 A	
Terminal block width: 20 mm / 0.787 inch	
30 mm / 1.18 inch	

Technical Data	
10 … 50 (70 “f-st”) mm²	8 … 1/0 AWG
1000 V/8 kV/3 ❶	
I_N 150 A	
Terminal block width: 20 mm / 0.787 inch	
30 mm / 1.18 inch	

❶ 1000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

“ 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; with mounting flanges		
Color	Item No.	Pack. Unit
gray	285-141	5
blue	285-144	5

2-conductor through terminal block; with mounting flanges		
Color	Item No.	Pack. Unit
dark gray/yellow	285-147	5

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)

Finger guard; touch-proof cover protects unused conductor entries and jumper slots

yellow | 285-441 | 100 (25)

T-wrench with a partially insulated shaft

285-172 | 1

Three-phase set; with 50 mm² high-current terminal blocks

285-148 | 1

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

white | 2009-110 | 1

WMB Multi marking system; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain | 793-501 | 5

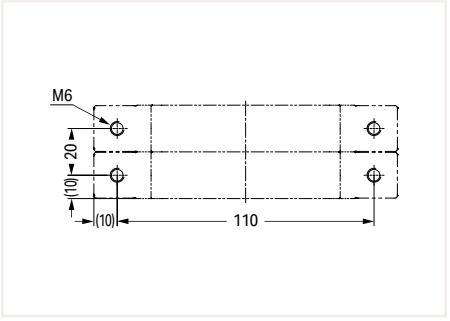
WMB Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

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.

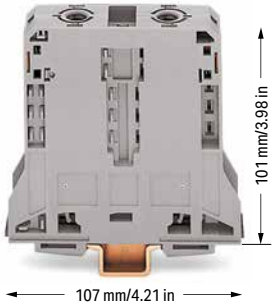


Dimensions (in mm):
Drill hole separation distance

POWER CAGE CLAMP®

High-Current, Through/Ground Conductor and Ex Terminal Block
95 mm²; 285 Series

Technical Data	
25 … 95 mm²	4 … 4/0 AWG
1000 V/8 kV/3 ❷	600 V, 200 A
I_N 232 A	600 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 ❷	600 V, 50 A
I_N 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 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.
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 ❸	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 ❸	5

Power tap; for 95 mm² high-current terminal blocks

Color	Item No.	Pack. Unit
gray	285-407	5

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)

Finger guard; touch-proof cover protects unused conductor entries and jumper slots

yellow 285-169 25

T-wrench with a partially insulated shaft

285-172 1

Three-phase set; with 95 mm² high-current terminal blocks

285-199 1

Copper carrier 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

Accessories; item-specific

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

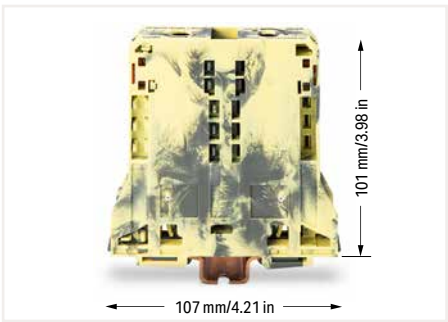
yellow 284-415 50 (25)

WMB Multi marking system; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain 793-501 5

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

plain 793-5501 5



2-conductor through terminal block, dark gray/yellow (285-191)

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 Multi marking system; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain 793-501 5

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

plain 793-5501 5

Marker carrier; for POWER CAGE CLAMP 35/50/95 mm²; 10.4 mm wide

gray 285-442 25

Marker carrier for marking strip or 2 x WMB markers for 285-13x, 285-15x and 285-19x terminal blocks

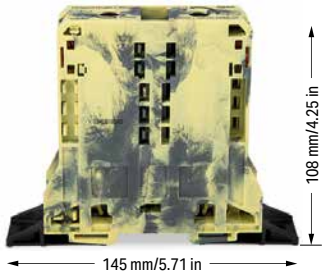
POWER CAGE CLAMP®

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	
I_N 232 A	
Terminal block width: 25 mm / 0.984 inch	
35 mm / 1.38 inch	

2-conductor through terminal block; with mounting flanges		
Color	Item No.	Pack. Unit
gray	285-181	5
blue	285-184	5

Technical Data	
25 … 95 mm²	4 … 4/0 AWG
1000 V/8 kV/3 ❶	
I_N 232 A	
Terminal block width: 25 mm / 0.984 inch	
35 mm / 1.38 inch	



2-conductor through terminal block; with mounting flanges		
Color	Item No.	Pack. Unit
dark gray/yellow	285-187	5

❶ 1000 V = rated voltage
8 kV = rated impulse voltage
3 = pollution degree

" Approvals and corresponding ratings, visit www.wago.com

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

Finger guard; touch-proof cover protects unused conductor entries and jumper slots

yellow 285-169 25

T-wrench with a partially insulated shaft

285-172 1

Three-phase set; with 95 mm² high-current terminal blocks

285-188 1

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

white 2009-110 1

WMB Multi marking system; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain 793-501 5

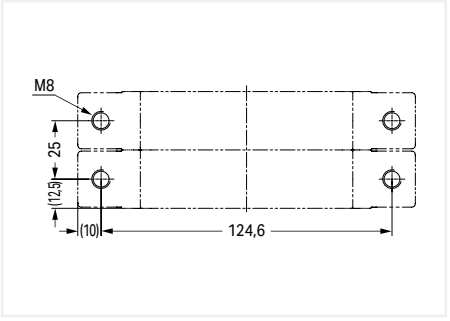
WMB Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm

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.



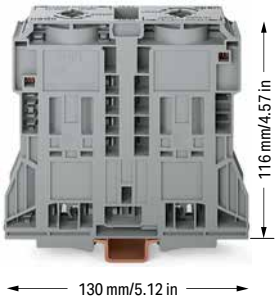
Dimensions (in mm):
Drill hole separation distance

POWER CAGE CLAMP®

High-Current Through and 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	
I_N 353 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	
I_N 57 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 95 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 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 Multi marking system; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain 793-501 5

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

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 309 A for 1 jumper

gray 285-1171 25

Protective warning marker; with a black high-voltage symbol

yellow 285-1177 50 (25)

Finger guard; touch-proof cover protects unused conductor entries and jumper slots

yellow 285-1178 25

T-wrench with a partially insulated shaft

285-172 1

Three-phase set; with 185 mm² high-current terminal blocks

285-1169 1

Copper carrier 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

Accessories; item-specific

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

yellow 284-415 50 (25)

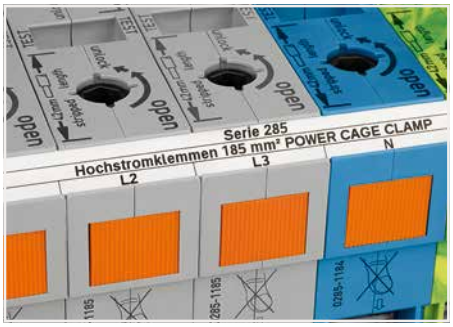
WMB Multi marking system; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain 793-501 5

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

plain 793-5501 5

Tapping directly into the power supply.



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	
I_N 353 A	
Terminal block width: 32 mm / 1.26 inch	
45 … 47 mm / 1.77 … 1.85 inch	

Technical Data	
50 … 185 mm²	1/0 AWG … 350 kcmil
1000 VAC/DC/1500 VDC/12 kV/3 ❶	
I_N 353 A	
Terminal block width: 32 mm / 1.26 inch	
45 … 47 mm / 1.77 … 1.85 inch	

❶ 1000 VAC/DC
1500 VDC = rated voltage
12 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	285-1161	4
blue	285-1164	4

2-conductor through terminal block; with mounting flanges		
Color	Item No.	Pack. Unit
dark gray/yellow	285-1167	4

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)

Finger guard; touch-proof cover protects unused conductor entries and jumper slots

yellow | 285-1178 | 25

T-wrench with a partially insulated shaft

285-172 | 1

Three-phase set; with 185 mm² high-current terminal blocks

285-1165 | 1

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

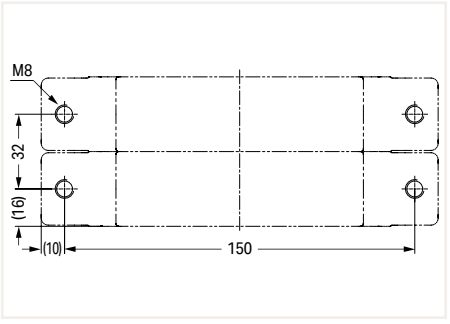
white | 2009-110 | 1

WMB Multi marking system; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width

plain | 793-501 | 5

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

plain | 793-5501 | 5

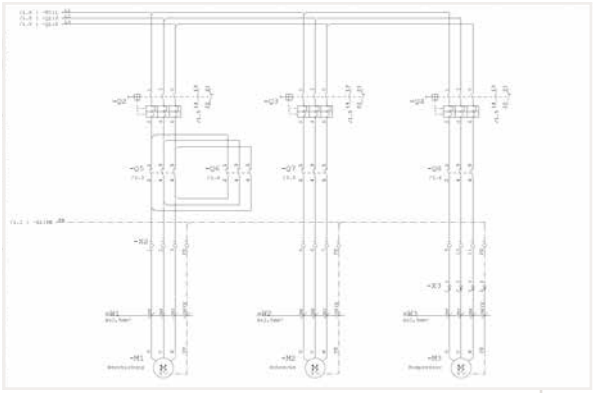


Dimensions (in mm):
Drill hole separation distance

Secure the terminal block to a mounting plate using two M8 cylinder-head screws and appropriate washers.

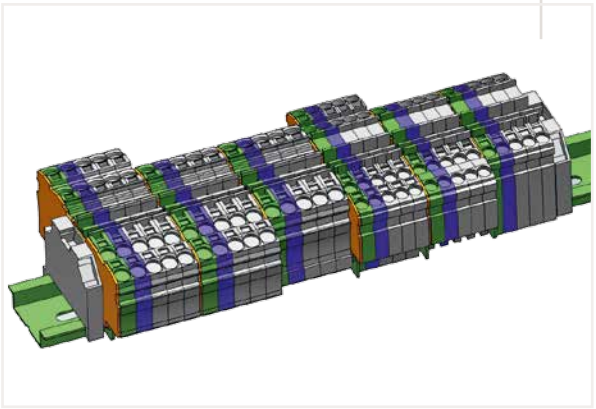
*smart*DATA
Supports Workflow from Control Cabinet Planning to Installation

Electrical Engineering
Directly import data from a CAE circuit diagram into the ***smart***DESIGNER engineering software or output marking data on ***smart***PRINTER

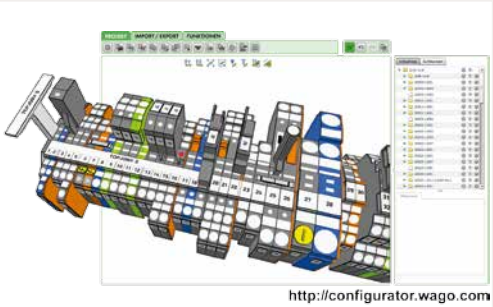


Technical and Commercial Item Data
Classified by ETIM and eCl@ss – also in Advanced Format

Mechanical Engineering
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 marking materials
- Data import from CAE systems
- Font size check
- Material selection wizard

Configuration made easy – http://configurator.wago.com

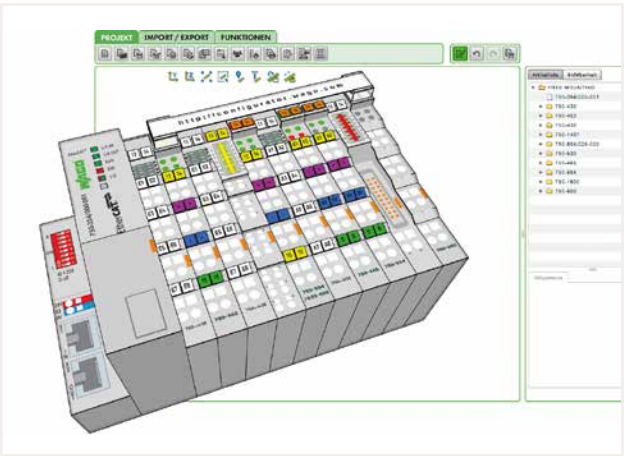
*smart*PRINTER

The Fastest Marking System

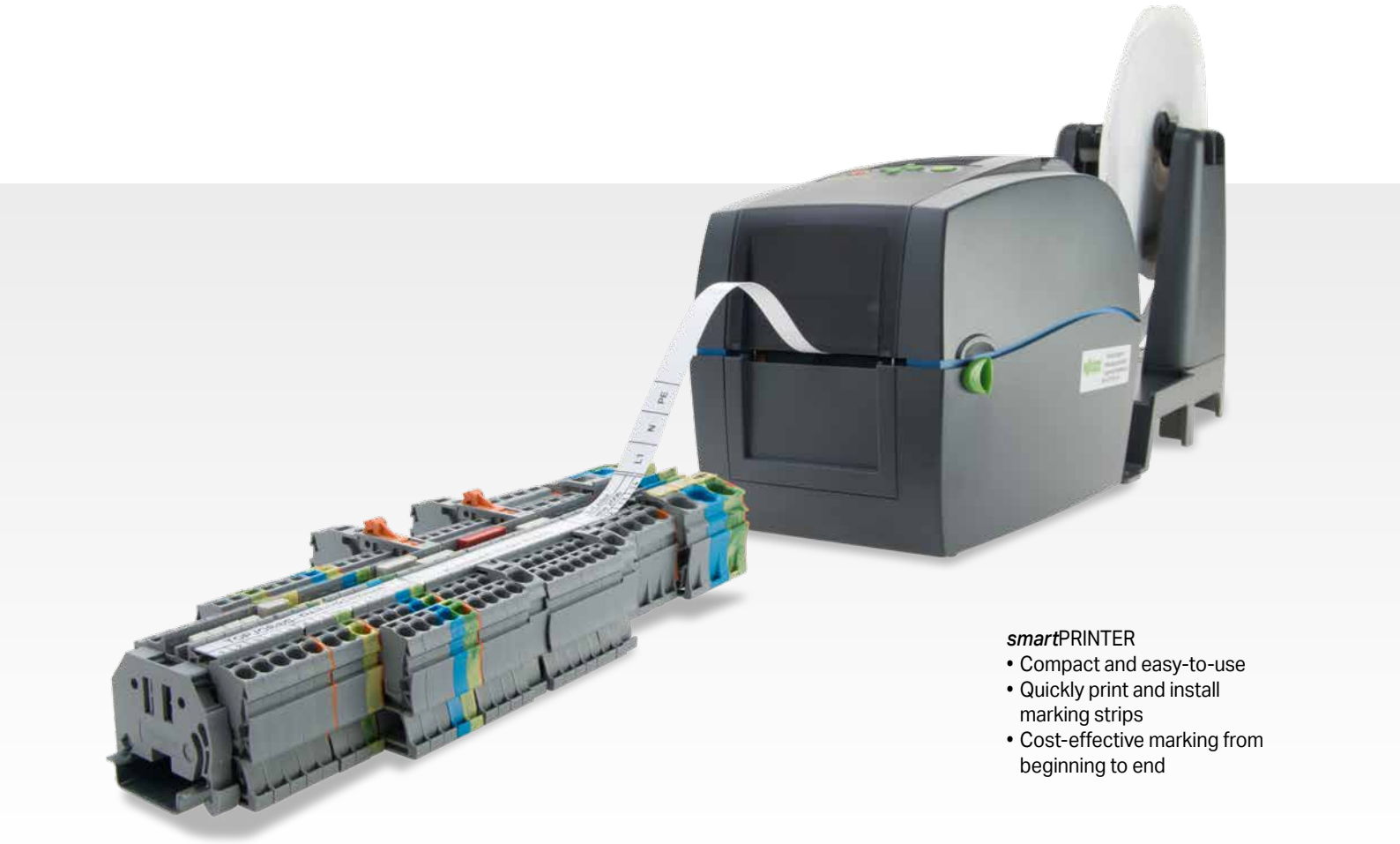
*smart*SCRIPT

***smart*SCRIPT**
Import from CAE systems or create customized marking.

*smart*DESIGNER

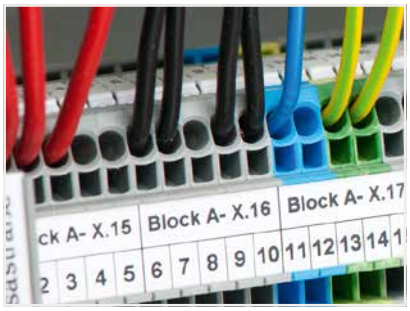


***smart*DESIGNER**
After designing, print labeling materials directly from the project via ***smart*PRINTER**



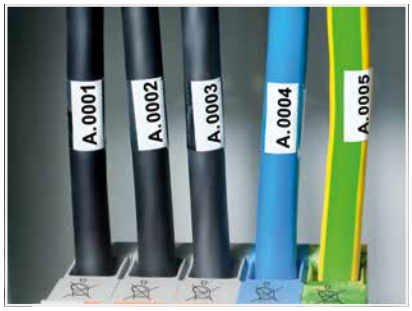
***smart*PRINTER**
- Compact and easy-to-use
- Quickly print and install marking strips
- Cost-effective marking from beginning to end

Terminal Block Marking



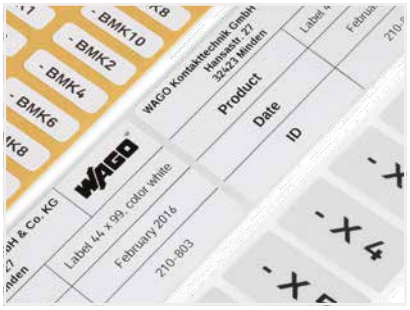
Multi-line marking strips for clear, detailed control cabinet labels
- WMB Inline markers on a reel are suitable for various terminal block sizes – just one marker size for all standard applications
- Fast mounting thanks to a common profile for all TOPJOB® S Terminal Blocks

Cable and Conductor Marking



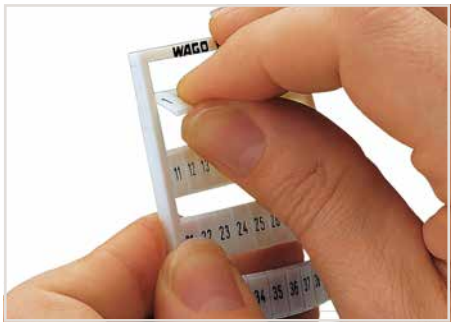
Different versions available:
- Marking sleeves, self-laminating labels, conductor markers for thread-on mounting or shrink tubes
- Large variety of marking surface sizes

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 available in a variety of colors and sizes

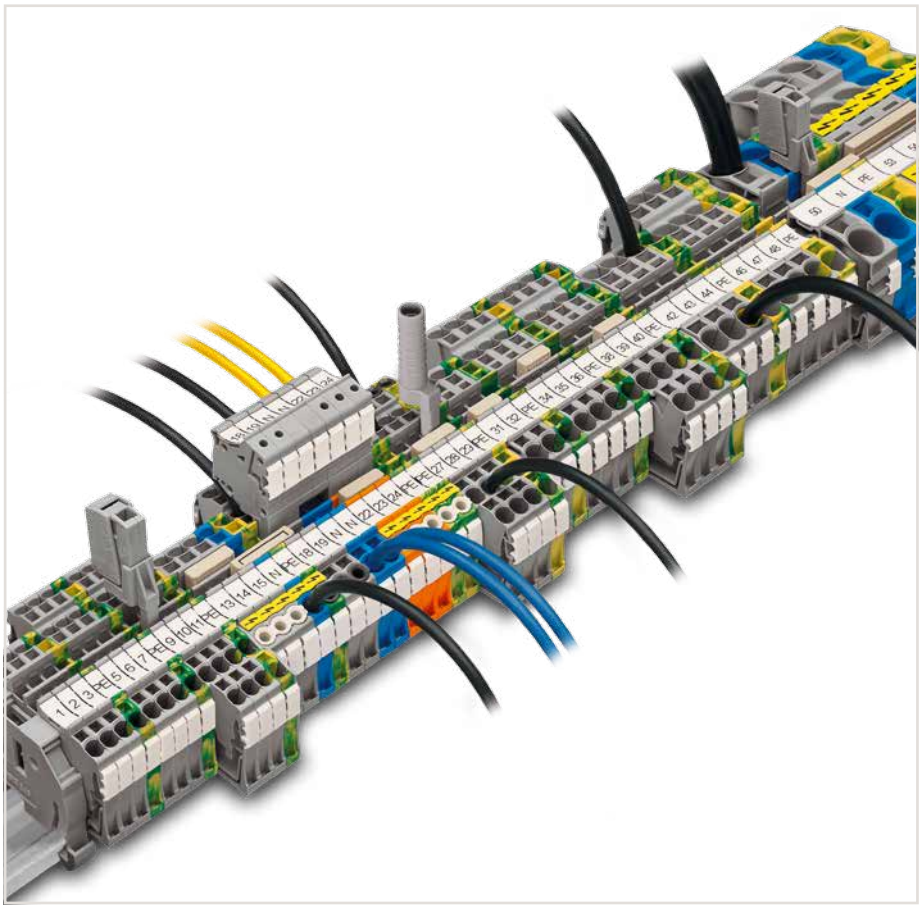
Marking Systems
Description and Installation



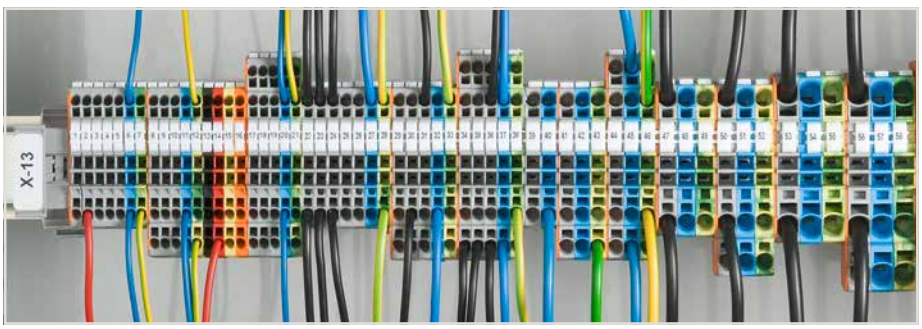
Separating a strip from the WMB or WMB marker card

Stretching a WMB marker strip.

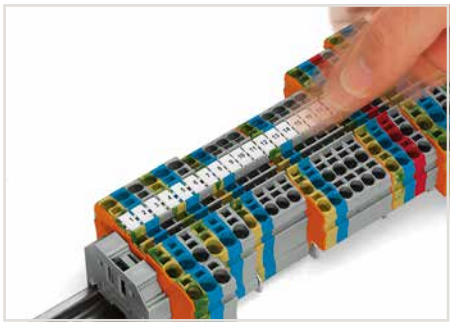
Separating an individual marker from the strip – for larger terminal blocks.



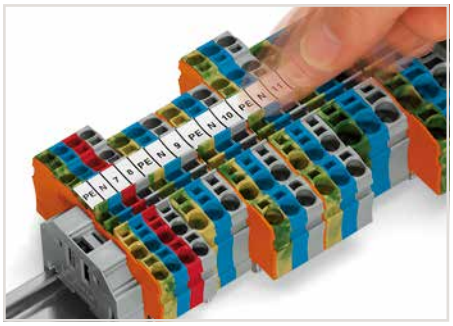

WMB Inline markers



WMB Inline markers

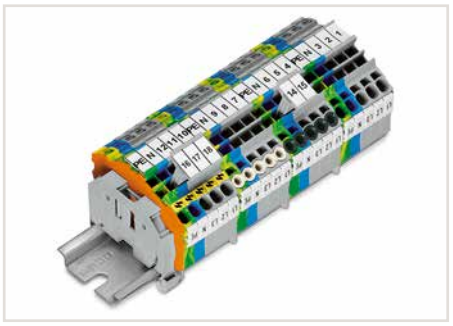


WMB Inline markers
Snapping a strip into the marker slots.



Marking strips
Snapping a strip into the marker slots.

WMB "decade" marking



Group marker carriers for TOPJOB® S terminal blocks – Snap-on type for jumper slot

Double- and triple-deck marker carriers can be snapped retrospectively into the jumper contact slot of double- and triple-deck terminal blocks.

Height adjustable group marker carrier (249-116) for TOPJOB®S marking strips (2009-110)

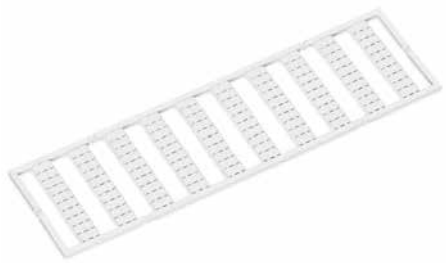
Height-adjustable group marker carrier

WMB Inline; Marker Card; Plain and Marking Strips

WMB Inline, plain; 1,500 WMB markers (5 mm)/reel; 5 … 5.2 mm stretchable		
Color	Item No.	Pack. Unit
white	2009-115	1

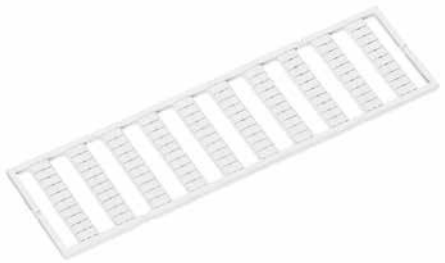
WMB Inline; plain; 2,000 WMB markers (4 mm)/reel; 4 … 4.2 mm stretchable		
white	2009-114	1

WMB Inline; plain; 2,300 WMB markers (3.5 mm)/reel		
white	2009-113	1



WMB Multi marking system; white; 10 strips with 10 markers/card; for 5 … 17.5 mm terminal block width		
	Item No.	Pack. Unit
plain	793-501	5

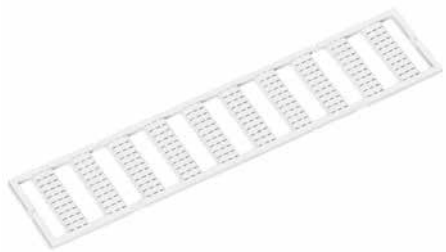
Colored marker cards		
yellow	793-501/000-002	5
red	793-501/000-005	5
blue	793-501/000-006	5
gray	793-501/000-007	5
orange	793-501/000-012	5
light green	793-501/000-017	5
green	793-501/000-023	5
violet	793-501/000-024	5



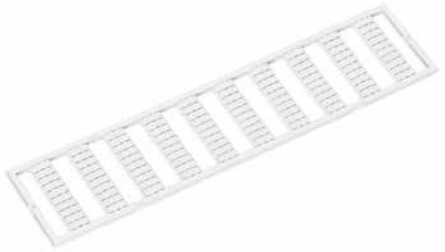
WMB Multi marking system; white; 10 strips with 10 markers/card; stretchable from 5 … 5.2 mm		
	Item No.	Pack. Unit
plain	793-5501	5

Colored marker cards		
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		
Color	Item No.	Pack. Unit
white	2009-110	5



WMB Multi marking system; white; 10 strips with 10 markers/card; for 3.5 mm terminal block width		
	Item No.	Pack. Unit
plain	793-3501	5



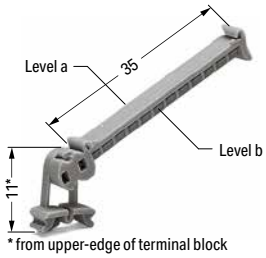
WMB Multi marking system; white; 10 strips with 10 markers/card; stretchable from 4 … 4.2 mm		
	Item No.	Pack. Unit
plain	793-4501	5

Colored marker cards		
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

Group Marker Carrier and Marker Carrier
TOPJOB® S

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)

TOPJOB® S group marker carrier; snap-on type for jumper slot; gray		
◯ 10 mm wide	**2009-196**	50 (25)



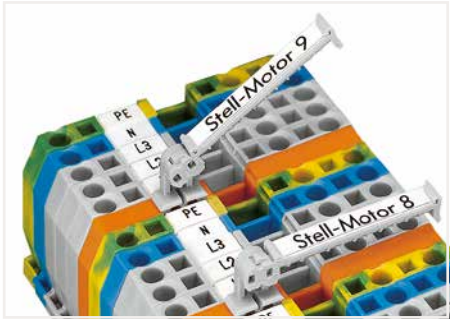
Pivoting group marker carrier		
	Item No.	Pack. Unit
◯ gray	**249-105**	50 (25)

Marker; 4 x 30 markers/sheet		
◯ white	**209-183**	1

Protective marker cover		
transparent	**209-184**	50

Marker carrier; for jumper slots (2002 Series); 5 mm wide		
Color	Item No.	Pack. Unit
◯ gray	**2002-161**	100 (25)

Marker carrier; for lateral marker slots; 5 mm wide		
Color	Item No.	Pack. Unit
◯ gray	**2009-198**	200 (25)



This pivoting group marker carrier has been developed for group marking of rail-mount terminal blocks and brings together many requirements of our customers.

- 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

Using marker carriers for marking strips (2002-161) in jumper slots.

Using marker carriers for marking strips (2009-198) in lateral marker slots.

Thermal Transfer Printer *smart*PRINTER


Open the printer.


Printer – open

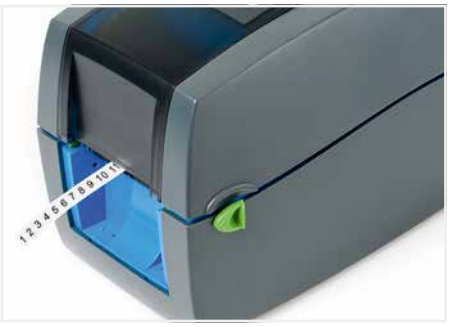

Accessories for unwinding material


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 and Cutting Unit
*smart*PRINTER

*smart*PRINTER; WMB Inline markers; marking strips; conductor markers and labels; 300 dpi resolution

Item No.	Pack. Unit
258-5000	1

*smart*PRINTER
includes:
- Power supply unit and cable
- USB cable
- 1x marking strip reel (2009-110)
- 1x WMB Inline marker reel (2009-115)
- 2x roller (258-5006 + -5007)
- 1x reel holder
- 1x ink ribbon (258-5005)

Technical Data	
Printing method	Thermal transfer
Print head	Glass layer, spring-mounted
Print speed (max.)	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)
Transmissive/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 ACV, 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)	40 mm external roll diameter; 0.5" (12.7 mm) internal core diameter; max. 110 m long; max. 58 mm wide

Cutting unit 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

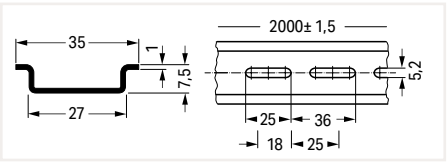
Approved print material to be cut:
- Marking strips: 2009-110, 709-177, 709-178, 757-901/000-005
- Self-adhesive marking strips: 210-702, 210-870 … -877
- Cable tie markers: 211-835 … -836, 211-836/000-002
- Self-laminating labels: 211-855 … -857
- Conductor markers for thread-on mounting: 211-861 … -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

Mounting Accessories – Carrier Rail; Rail End Cap; Angled Support Bracket and Collective Jumper Carrier

Dimensions (in mm):



Steel carrier rail; I_N 76 A (based on 1 m length); 35 x 7.5 mm; 1 mm thick; 2 m long; per EN 60715

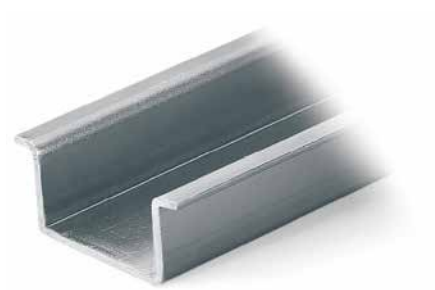
	Item No.	Pack. Unit
unslotted	**210-113**	10

Hole width: 25 mm; hole spacing: 36 mm

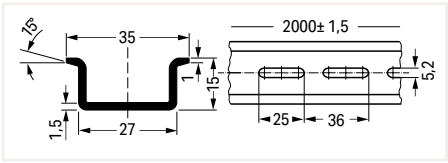
slotted	**210-112**	10 (1)

Hole width: 18 mm; hole spacing: 25 mm

slotted	**210-115**	1



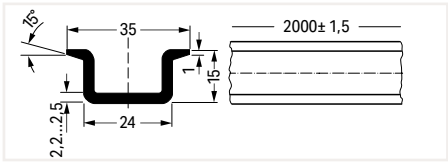
Dimensions (in mm):



Steel carrier 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
slotted	**210-197**	10

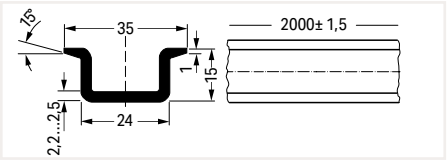
Dimensions (in mm):



Steel carrier 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

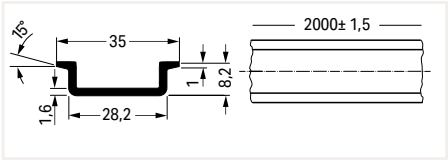
Dimensions (in mm):



Copper carrier 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

Dimensions (in mm):



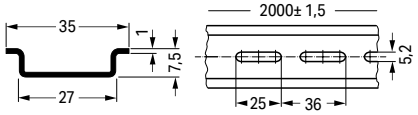
Aluminum carrier rail; I_N 76 A (based on 1 m length); 35 x 8.2 mm; 1.6 mm thick; 2 m long; similar to EN 60715

	Item No.	Pack. Unit
unslotted	**210-196**	10

Rail end cap; for DIN-35 rail (7.5 mm high)

Color	Item No.	Pack. Unit
◯ gray	**209-109**	50 (25)

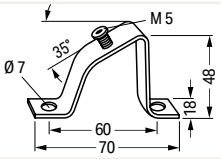
Dimensions (in mm):



Steel carrier 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):



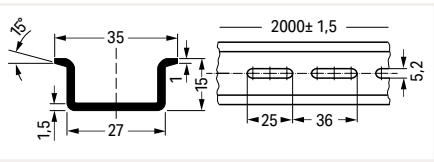
Angled support bracket; without screw

	Item No.	Pack. Unit
	210-148	10

Screw M5 x 8

	210-149	100 (20)

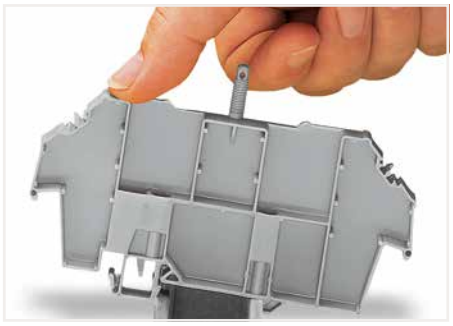
Dimensions (in mm):



Steel carrier 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

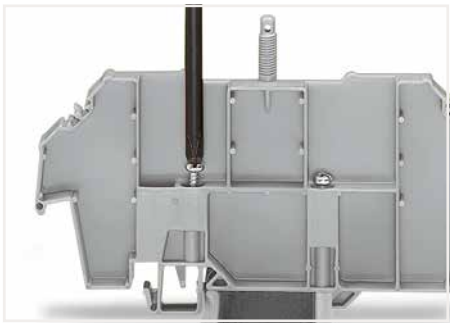
Sealable, Transparent Covers for Rail-Mount Terminal Blocks
709 Series
Description and Installation



Snapping a cover carrier onto the DIN-rail.

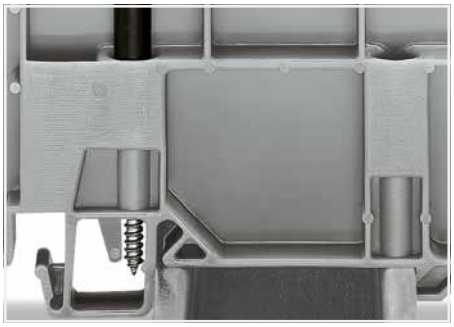
Application example:
Cover (type 1) without safety warning

Application example:
Cover (type 1) with safety warning

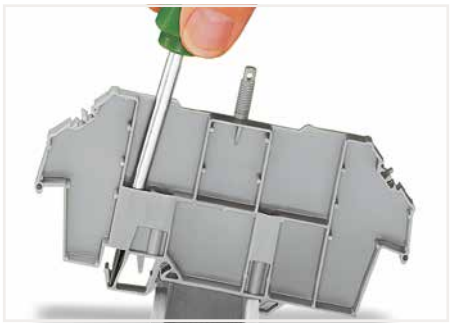


Tightening both securing screw (left) and mounting screw (right).

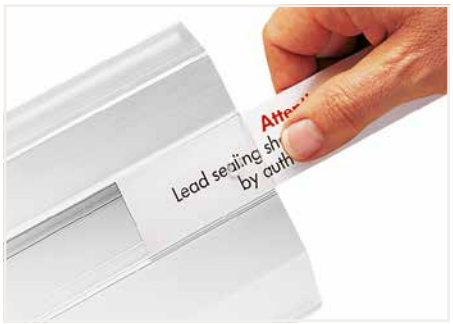
Application example:
Cover (type 2) with safety warning



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.

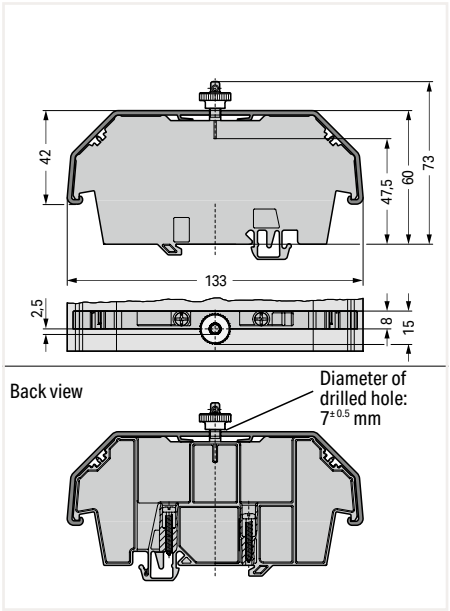
Sealable, Transparent Cover; for Rail-Mount Terminal Blocks
709 Series

Cover; type 1; for cover carrier (type 1); 1 m long		
Color	Item No.	Pack. Unit
transparent	709-153	10

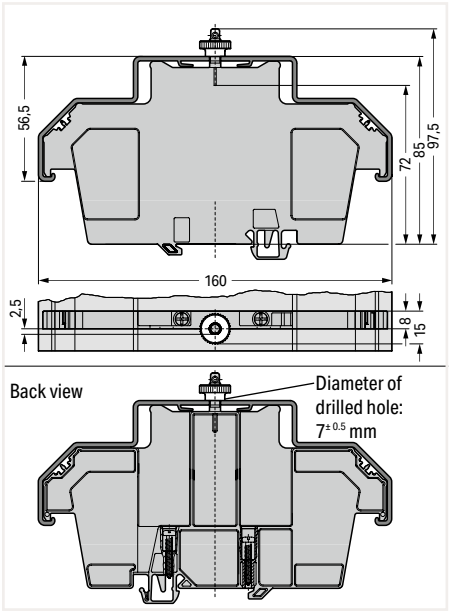
Cover; type 2; for cover carrier (type 2); 1 m long		
Color	Item No.	Pack. Unit
transparent	709-154	10

Cover carrier; type 1; incl. mounting/securing screws and knurled nut; for 279 to 282, 880 Series rail-mount terminal blocks; for 264 Series Mini terminal blocks; for 270 Series sensor and actuator blocks		
Color	Item No.	Pack. Unit
gray	709-167	10

Cover carrier; type 2; incl. mounting/securing screws and knurled nut; for 283 to 285 Series rail-mount terminal blocks; for 279 to 281 Series double- and triple-deck terminal blocks; for 780 to 785 and 775 Series TOPJOB® rail-mount terminal blocks; for 280 Series sensor and actuator blocks; for 282 Series disconnect/test terminal blocks for transformer circuits		
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)

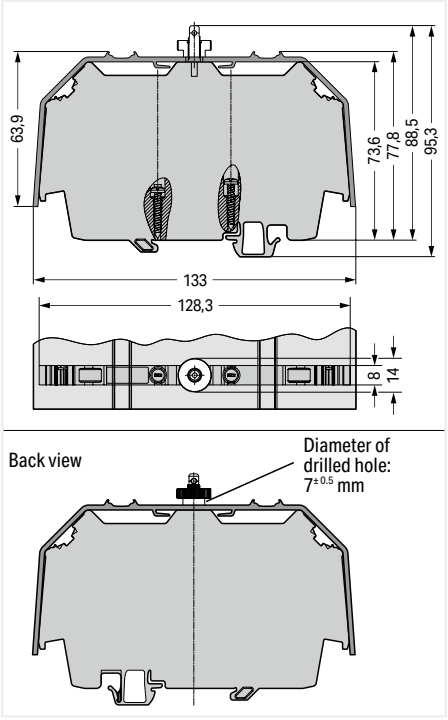
Spare knurled nut; for cover

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

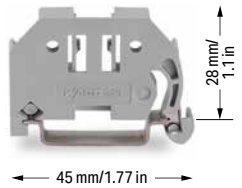
Cover carrier; type 3; for 2000 to 2016 Series and 2102 to 2116 Series as well as 2200 to 2216 Series TOPJOB® S rail-mount terminal blocks; for 2007 Series transformer terminal blocks		
Color	Item No.	Pack. Unit
gray	**709-169**	10



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)

Screwless end stop; for DIN-35 rails
249 Series

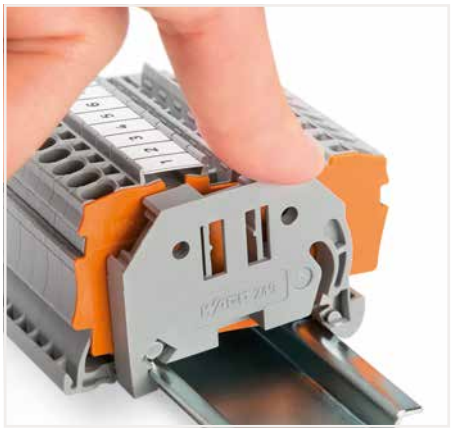


Screwless end stop; for DIN-35 rail; 6 mm wide		
Color	Item No.	Pack. Unit
◯ gray	**249-116**	100 (25)

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!


Removing an end stop from the DIN-rail.

Snap on – that's it! Assembling the new WAGO screwless end stop is as simple and quick as snapping a WAGO rail-mount terminal block onto the rail.

Without any tools!

This allows rail-mount terminal blocks to be safely secured, at low cost, against any movement on all DIN-35 rails per DIN EN 60715 (35 x 7.5 mm; 35 x 15 mm).

Entirely without screws!

The "secret" of the excellent tight 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 markers and one snap-in hole for WAGO 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; for 279, 726, 727, 2000, 2001, 2020, 2200, 2201 Series

Item No.	Pack. Unit
210-719	1

Operating tool with a partially insulated shaft; type 2; (3.5 x 0.5) mm blade; for 260, 261, 262, 264, 270, 280, 281, 290, 775, 776, 777, 769, 780, 781, 862, 869, 870, 880, 2002, 2003, 2004, 2005, 2022, 2102, 2202 and 2204 Series

Item No.	Pack. Unit
210-720	1

Operating tool with a partially insulated shaft; type 3; (5.5 x 0.8) mm blade; for 282, 283, 284, 285, 782, 783, 784, 785, 2006, 2007, 2010, 2016, 2106, 2116, 2206, 2210 and 2216 Series

Item No.	Pack. Unit
210-721	1

Operating tool; 3.5 mm and 2.5 mm blade width; for TOPJOB® S Installation Terminal Blocks

Item No.	Pack. Unit
2009-309	1

Operating tool; 3.5 mm and 5.5 mm blade width; for TOPJOB® S Installation Terminal Blocks

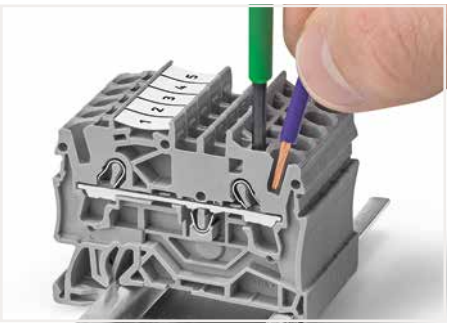
Item No.	Pack. Unit
2009-310	1

T-wrench with a partially insulated shaft

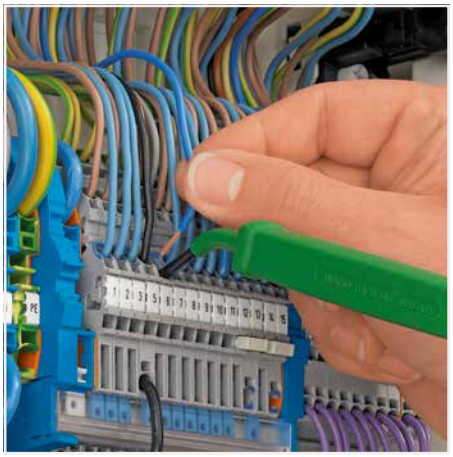
Item No.	Pack. Unit
285-172	1

T-wrench with a partially insulated shaft and anti-rotation protection

Item No.	Pack. Unit
285-173	1



The blade dimensions of the above-listed operating tools with a partially insulated shaft are ideal for easy operation of 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)

Cable Cutter

Cable cutter; for copper and aluminum cables up to 35 mm² (2 AWG)		
	Item No.	Pack. Unit
	206-118	1

Cutting a cable.

Cable Stripper

Cable stripper; for round cables with 2.5 … 11 mm outer diameter		
	Item No.	Pack. Unit
	206-171	1

Cable stripper; for round cables with 4.5 … 45 mm outer diameter		
	Item No.	Pack. Unit
	206-174	1

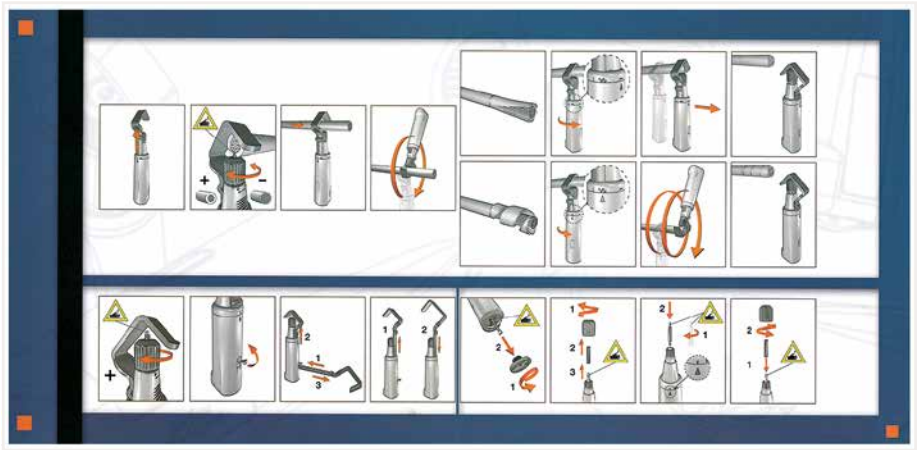
Accessories; item-specific		
Replacement blade; for 2.5 … 11 mm Ø		
	206-170	1

Accessories; item-specific		
Replacement blade; for 4.5 … 45 mm Ø		
	206-173	1

Set the cable diameter.

Cable Stripper (206-171):
- 10-position adjustment wheel ensures consistent stripping results
- Precision via 10-position blade cutting depth adjustment
- Strips the sheath from multi-core and fiber optic cables up to 11 mm/0.43 inch diameter
- Safe and easy to use through closed stripping cavity

Strip the cable.



Cable Stripper (206-174):
- Safe and easy to use: Three locking positions for circular, longitudinal and spiral cuts
- High cable stripping capacity of up to 45 mm diameter
- Ergonomic design features rests for thumb, index and pinky fingers to ease raising of the cable retention hook
- Replacement blades can be stored within the tool's handle

Stripping Tool

"Quickstrip 10" wire stripper; 0.02 … 10 mm² "f-st" (6 mm² "s"); wire cutter up to 10 mm²		
	Item No.	Pack. Unit
	206-124	1

"Quickstrip 16" wire stripper; 4 … 16 mm²; wire cutter up to 10 mm²		
	Item No.	Pack. Unit
	206-125	1

Spare clamping jaw		
	Item No.	Pack. Unit
	206-105	1

Accessories; item-specific		
"Standard" blade cassette; 0.02 … 10 mm²		
	206-126	1

V-blade cassette; 0.1 … 4 mm²; for PTFE		
	206-127	1

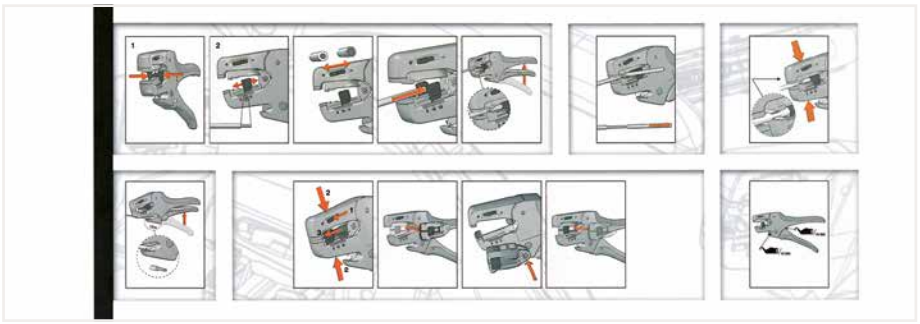
Accessories; item-specific		
"Standard" blade cassette; 4 … 16 mm²		
	206-128	1

Cutting a conductor.

Stripping a conductor.

Wire Strippers:
- Automatically adjusts 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

*applies to Microstrip



Operating instructions are included.

Crimping Tool
TOPJOB® S

Insert the ferruled conductor into the crimping station.

"Variocrimp 4" crimping tool; for insulated and uninsulated ferrules; 0.25 … 4 mm²		
	Item No.	Pack. Unit
	206-204	1

Return spring		
	206-203	1

Ratchet spring		
	206-210	1

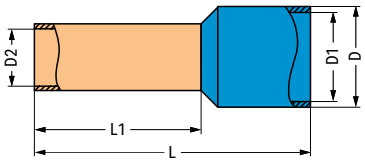
"Variocrimp 16" crimping tool; for insulated and uninsulated ferrules; 6 … 16 mm²		
	Item No.	Pack. Unit
	206-216	1

Return spring		
	206-213	1

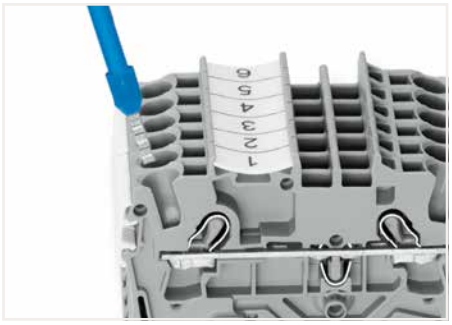
Ratchet spring		
	206-210	1

Squeeze handles until ratchet mechanism is released.

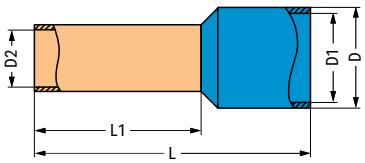
Insulated Ferrule; for Rail-Mount Terminal Blocks
TOPJOB® S



Ferrule; insulated; electro-tin-plated; electrolytic copper; gastight crimped; per DIN 46288 (Part 4/09.09)									
Conductor Size	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	1000
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	6,5	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	blue	20 mm / 0.79 inch	28	18	8,4	7,6	4,5	216-289	500
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.



Dimensions (in mm):

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 conductor into the ferrule!
- 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.

Crimping Tool

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.

Crimping Tool 25; for insulated and uninsulated ferrules; crimping range: 10 mm², 16 mm² and 25 mm²		
	Item No.	Pack. Unit
	206-225	1

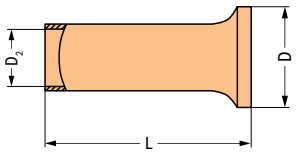
Crimping Tool 50; for insulated and uninsulated ferrules; crimping range: 35 mm² and 50 mm²		
	Item No.	Pack. Unit
	206-250	1

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 leading to 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, such as the WAGO Variocrimp 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 Size	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 AWG	30 mm / 1.18 inch	30	13	10,3	**216-425**	50
50 mm² / 1 AWG	35 mm / 1.38 inch	35	13	10,3	**216-435**	50

Test and Measurement Device
206 Series

Multi-Tester; digital multimeter with non-contact voltage tester		
	Item No.	Pack. Unit
	206-810	1

Clamp-Multi-Tester		
	Item No.	Pack. Unit
	206-816	1

Testboy; with integrated flashlight, non-contact voltage tester		
	Item No.	Pack. Unit
	206-804	1

Additional Multi-Tester features:
- Contact-less voltage test AC >100 V (optical and acoustical)
- Resistance measurement up to 20 MΩ
- Acoustical continuity test
- Diode test
- Data hold function
- Auto power-off function
- LED torch lamp function
- CAT IV 600 V
- TÜV/GS tested and approved
- IEC/EN 61010-1 (DIN VDE 0411)

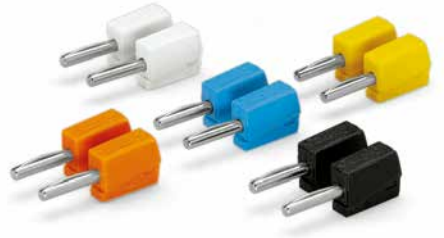
Voltage testing in switchgear cabinet
Additional Clamp-Multi-Tester fearures:
- DC and AC current up to 600 A
- True RMS and min./max. value measurement
- DC and AC voltage up to 600 V
- Manual or automatic measurement range selection
- Resistance up to 60 MΩ
- Capacitance measurement, acoustical continuity test
- Diode test, data hold function
- Large LCD with backlight
- LED measuring point lighting
- CAT III 600 V overvoltage protection
- IEC/EN 61010-1 (DIN VDE 0411)
- Includes batteries, measurement leads and carrying bag

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

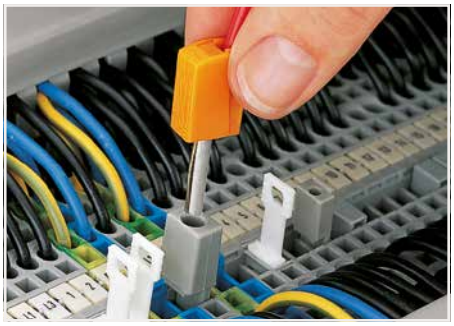
Current measurement in a switchgear cabinet

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 209-170 Test Plug Adapter).

Banana plug; for 4 mm socket diameter; color mixed; 10 x orange, white, black, blue, yellow		
	Item No.	Pack. Unit
	215-111	50

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

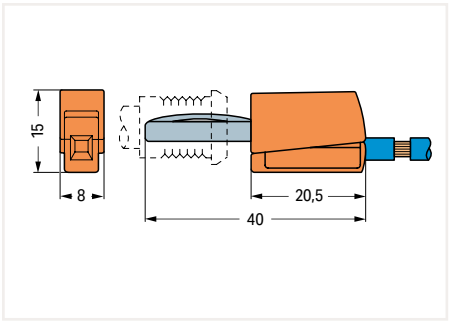
Banana plug; for 4 mm socket diameter			
	yellow	215-511	50

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



Dimensions (in mm):

Item Number Index

Item No.	Page
206 Series	
206-105	243
206-118	241
206-124	243
206-125	243
206-126	243
206-127	243
206-128	243
206-170	242
206-171	242
206-173	242
206-174	242
206-203	244
206-204	244
206-210	244
206-210	244
206-213	244
206-216	244
206-225	246
206-250	246
206-804	248
206-810	248
206-816	248
209 Series	
209-105	196
209-109	234
209-183	231
209-184	231
209-190	32
209-191	32
209-192	51
209-196	237
210 Series	
210-103	125
210-112	234
210-113	234
210-114	234
210-115	234
210-118	234
210-123	125
210-133	196
210-136	14
210-137	14
210-148	234
210-149	234
210-196	234
210-197	234
210-198	234
210-254	102
210-281	196
210-504	234
210-505	234
210-506	234
210-508	234
210-549	237
210-719	240
210-720	240
210-721	240
215 Series	
215-111	249
215-211	249
215-212	249
215-311	249
215-411	249
215-511	249
215-611	249
215-711	249

Item No.	Page
215 Series	
215-811	249
215-911	249
216 Series	
216-208	245
216-210	245
216-241	245
216-242	245
216-243	245
216-244	245
216-246	245
216-262	245
216-263	245
216-264	245
216-266	245
216-267	245
216-284	245
216-286	245
216-287	245
216-288	245
216-289	245
216-413	247
216-414	247
216-424	247
216-425	247
216-435	247
249 Series	
249-105	231
249-116	239
249-117	239
249-197	239
258 Series	
258-5000	233
258-5030	233
281 Series	
281-503	106
282 Series	
282-415	218
282-432	102
282-432/100-000	102
282-433	102
282-433/100-000	102
282-434	102
282-434/100-000	102
282-435	102
282-435/011-000	102
282-435/300-000	102
282-435/301-000	102
282-436	102
282-436/301-000	102
282-436/304-000	102
282-437	102
282-437/011-000	102
282-437/012-000	102
282-438	102
282-438/300-000	102
282-438/301-000	102
282-439	102
282-439/011-000	102
282-440	102
282-881	102
282-882	102
282-883	102
282-884	102
282-885	102
282-886	102
282-887	102
282-888	102
283 Series	
283-404	214

Item No.	Page
283 Series	
283-407	214
284 Series	
284-415	220
285 Series	
285-131	214
285-134	214
285-135	214
285-137	214
285-137/999-950	214
285-139	214
285-141	219
285-144	219
285-147	219
285-148	219
285-150	218
285-151	218
285-154	218
285-157	218
285-157/999-950	218
285-159	218
285-168	221
285-169	220
285-170	220
285-172	218
285-173	240
285-181	221
285-184	221
285-187	221
285-188	221
285-191	220
285-194	220
285-195	220
285-197	220
285-197/999-950	220
285-199	220
285-407	220
285-420	214
285-421	214
285-427	214
285-430	214
285-435	214
285-440	218
285-441	218
285-442	214
285-447	218
285-448	219
285-450	218
285-495	220
285-935	214
285-950	218
285-995	220
285-1161	223
285-1164	223
285-1165	223
285-1167	223
285-1169	222
285-1171	222
285-1175	222
285-1177	222
285-1178	222
285-1179	223
285-1181	222
285-1184	222
285-1185	222
285-1187	222
285-1187/999-950	222
285-1189	222
709 Series	
709-153	237
709-154	237
709-156	238
709-167	237
709-168	237

Item No.	Page
709 Series	
709-169	238
709-183	237
734 Series	
734-326	141
734-327	141
734-328	141
734-329	141
734-430	178
734-431	178
769 Series	
769-410	214
777 Series	
777-303	196
793 Series	
793-501	230
793-501/000-002	230
793-501/000-005	230
793-501/000-006	230
793-501/000-007	230
793-501/000-012	230
793-501/000-017	230
793-501/000-023	230
793-501/000-024	230
793-3501	230
793-4501	230
793-4501/000-002	230
793-4501/000-005	230
793-4501/000-006	230
793-4501/000-007	230
793-4501/000-012	230
793-4501/000-017	230
793-4501/000-023	230
793-4501/000-024	230
793-5501	230
793-5501/000-002	230
793-5501/000-005	230
793-5501/000-006	230
793-5501/000-007	230
793-5501/000-012	230
793-5501/000-017	230
793-5501/000-023	230
793-5501/000-024	230
794 Series	
794-5553/000-002	103
794-5554/000-006	103
859 Series	
859-500	158
2000 Series	
2000-115	32
2000-121	47
2000-402	14
2000-402/000-005	146
2000-402/000-006	146
2000-402/000-018	146
2000-403	14
2000-403/000-005	146
2000-403/000-006	146
2000-404	14
2000-404/000-005	146
2000-404/000-006	146
2000-405	14
2000-405/000-005	146
2000-405/000-006	146
2000-405/011-000	149

Item No.	Page
2000 Series	
2000-406	14
2000-406/000-005	146
2000-406/000-006	146
2000-406/020-000	149
2000-407	14
2000-407/000-005	146
2000-407/000-006	146
2000-408	14
2000-408/000-005	146
2000-408/000-006	146
2000-409	14
2000-409/000-005	146
2000-409/000-006	146
2000-410	14
2000-410/000-005	146
2000-410/000-006	146
2000-433	14
2000-434	14
2000-435	14
2000-436	14
2000-437	14
2000-438	14
2000-439	14
2000-440	14
2000-492	151
2000-510	140
2000-511	140
2000-549	140
2000-552	140
2000-553	140
2000-554	140
2000-555	140
2000-556	140
2000-557	140
2000-558	140
2000-559	140
2000-560	140
2000-1201	32
2000-1202	32
2000-1203	32
2000-1204	32
2000-1205	32
2000-1206	32
2000-1207	32
2000-1291	14
2000-1292	14
2000-1301	32
2000-1302	32
2000-1303	32
2000-1304	32
2000-1305	32
2000-1306	32
2000-1307	32
2000-1391	14
2000-1392	14
2000-1401	32
2000-1402	32
2000-1403	32
2000-1404	32
2000-1405	32
2000-1406	32
2000-1407	32
2000-1491	14
2000-1492	14
2000-2141	33
2000-2195	33
2000-2196	33
2000-2201	46
2000-2201/099-000	48
2000-2202	46
2000-2202/099-000	48
2000-2203	46
2000-2203/099-000	48
2000-2204	46
2000-2204/099-000	48

Item No.	Page
2000 Series	
2000-2207	46
2000-2207/099-000	48
2000-2208	46
2000-2208/099-000	48
2000-2209	46
2000-2209/099-000	48
2000-2217	46
2000-2217/099-000	48
2000-2218	47
2000-2218/099-000	49
2000-2227	46
2000-2227/099-000	48
2000-2228	47
2000-2228/099-000	49
2000-2231	46
2000-2231/099-000	48
2000-2232	46
2000-2232/099-000	48
2000-2233	46
2000-2233/099-000	48
2000-2234	46
2000-2234/099-000	48
2000-2237	46
2000-2237/099-000	48
2000-2238	46
2000-2238/099-000	48
2000-2239	46
2000-2239/099-000	48
2000-2247	46
2000-2247/099-000	48
2000-2248	47
2000-2248/099-000	49
2000-2257	46
2000-2257/099-000	48
2000-2258	47
2000-2258/099-000	49
2000-2291	49
2000-2292	49
2000-5310/101-000	115
2000-5310/102-000	115
2000-5310/1101-951	115
2000-5310/1102-950	115
2000-5311	112
2000-5311/1101-951	112
2000-5311/1102-950	112
2000-5317/101-000	114
2000-5317/102-000	114
2000-5317/1101-951	114
2000-5317/1102-950	114
2000-5352	112
2000-5352/1102-953	112
2000-5357/101-000	114
2000-5357/102-000	114
2000-5372	112
2000-5372/1102-953	112
2000-5377/101-000	114
2000-5377/102-000	114
2000-5391	112
2000-5410	115
2000-5410/1101-951	115
2000-5410/1102-950	115
2000-5417	113
2000-5417/1101-951	113
2000-5417/1102-950	113
2000-5457	113
2000-5457/1102-953	113
2000-5477	113
2000-5477/1102-953	113
2000-5491	113
2001 Series	
2001-115	34
2001-171	16
2001-402	16
2001-403	16
2001-404	16
2001-405	16

Item No.	Page
2001 Series	
2001-405/011-000	149
2001-406	16
2001-406/020-000	149
2001-407	16
2001-408	16
2001-409	16
2001-410	16
2001-433	16
2001-434	16
2001-435	16
2001-436	16
2001-437	16
2001-438	16
2001-439	16
2001-440	16
2001-511	140
2001-549	140
2001-552	140
2001-553	140
2001-554	140
2001-555	140
2001-556	140
2001-557	140
2001-558	140
2001-559	140
2001-560	140
2001-1201	34
2001-1202	34
2001-1203	34
2001-1204	34
2001-1205	34
2001-1206	34
2001-1207	34
2001-1208	34
2001-1211/1000-410	120
2001-1211/1000-411	120
2001-1301	34
2001-1302	34
2001-1303	34
2001-1304	34
2001-1305	34
2001-1306	34
2001-1307	34
2001-1308	34
2001-1311/1000-410	120
2001-1311/1000-411	120
2001-1321/1000-413	120
2001-1321/1000-434	120
2001-1401	34
2001-1402	34
2001-1403	34
2001-1404	34
2001-1405	34
2001-1406	34
2001-1407	34
2001-1408	34
2001-1411/1000-410	120
2001-1411/1000-411	120
2001-1421/1000-413	120
2001-1421/1000-434	120
2001-1441	34
2002 Series	
2002-115	8
2002-116	134
2002-121	51
2002-131	63
2002-161	231
2002-171	8
2002-172	8
2002-191	64
2002-192	64
2002-194	64
2002-400	147
2002-401	152

Item No.	Page
2002 Series	
2002-402	8
2002-402/000-005	146
2002-402/000-006	146
2002-403	8
2002-403/000-005	146
2002-403/000-006	146
2002-404	8
2002-404/000-005	146
2002-404/000-006	146
2002-405	8
2002-405/000-005	146
2002-405/000-006	146
2002-405/011-000	149
2002-406	8
2002-406/000-005	146
2002-406/000-006	146
2002-406/020-000	149
2002-407	8
2002-407/000-005	146
2002-407/000-006	146
2002-408	8
2002-408/000-005	146
2002-408/000-006	146
2002-409	8
2002-409/000-005	146
2002-409/000-006	146
2002-410	8
2002-410/000-005	146
2002-410/000-006	146
2002-415	147
2002-423	147
2002-423/000-005	147
2002-423/000-006	147
2002-433	8
2002-434	8
2002-435	8
2002-436	8
2002-437	8
2002-438	8
2002-439	8
2002-440	8
2002-472	148
2002-473	148
2002-473/011-000	148
2002-474	148
2002-475	148
2002-475/011-000	148
2002-476	148
2002-477	148
2002-477/011-000	148
2002-478	148
2002-479	148
2002-479/011-000	148
2002-480	148
2002-481	148
2002-481/011-000	148
2002-482	148
2002-492	151
2002-492/000-012	151
2002-493	151
2002-511	140
2002-541	141
2002-549	140
2002-552	140
2002-553	140
2002-554	140
2002-555	140
2002-556	140
2002-557	140
2002-558	140
2002-559	140
2002-560	140
2002-611	144
2002-641	144
2002-649	144
2002-800	134
2002-800/1000-410	130
2002-800/1000-411	130

Item Number Index

Item No.	Page
2002 Series	
2002-800/1000-541	132
2002-800/1000-542	132
2002-800/1000-836	132
2002-810	134
2002-820	134
2002-880	131
2002-880/1000-411	131
2002-880/1000-541	133
2002-880/1000-542	133
2002-880/1000-836	133
2002-991	82
2002-992	82
2002-1091	61
2002-1092	61
2002-1201	36
2002-1202	36
2002-1203	36
2002-1204	36
2002-1205	36
2002-1206	36
2002-1207	36
2002-1208	36
2002-1211/1000-410	122
2002-1211/1000-411	122
2002-1291	16
2002-1292	16
2002-1293	16
2002-1294	16
2002-1301	36
2002-1302	36
2002-1303	36
2002-1304	36
2002-1305	36
2002-1306	36
2002-1307	36
2002-1308	36
2002-1311/1000-410	122
2002-1311/1000-411	122
2002-1321/1000-413	122
2002-1321/1000-434	122
2002-1391	16
2002-1392	16
2002-1393	16
2002-1394	16
2002-1401	36
2002-1402	36
2002-1403	36
2002-1404	36
2002-1405	36
2002-1406	36
2002-1407	36
2002-1408	36
2002-1411/1000-410	122
2002-1411/1000-411	122
2002-1421/1000-413	122
2002-1421/1000-434	122
2002-1441	36
2002-1491	16
2002-1492	16
2002-1493	16
2002-1494	16
2002-1601	74
2002-1602	74
2002-1604	74
2002-1611	82
2002-1611/1000-541	82
2002-1611/1000-542	82
2002-1611/1000-836	82
2002-1611/1000-867	82
2002-1661	106
2002-1671	74
2002-1671/401-000	74
2002-1672	74
2002-1672/401-000	74
2002-1674	74

Item No.	Page
2002 Series	
2002-1674/401-000	74
2002-1681	80
2002-1691	74
2002-1692	74
2002-1701	76
2002-1702	76
2002-1704	76
2002-1707	76
2002-1711	82
2002-1711/1000-541	82
2002-1711/1000-542	82
2002-1711/1000-836	82
2002-1711/1000-867	82
2002-1761	106
2002-1771	76
2002-1771/401-000	76
2002-1772	76
2002-1772/401-000	76
2002-1774	76
2002-1774/401-000	76
2002-1781	80
2002-1791	76
2002-1792	76
2002-1801	78
2002-1802	78
2002-1804	78
2002-1811	82
2002-1811/1000-541	82
2002-1811/1000-542	82
2002-1811/1000-836	82
2002-1811/1000-867	82
2002-1861	106
2002-1871	78
2002-1871/401-000	78
2002-1872	78
2002-1872/401-000	78
2002-1874	78
2002-1874/401-000	78
2002-1881	80
2002-1891	78
2002-1892	78
2002-1901	84
2002-1902	84
2002-1904	84
2002-1907	84
2002-1911	88
2002-1911/1000-541	88
2002-1911/1000-542	88
2002-1911/1000-836	88
2002-1911/1000-867	88
2002-1961	106
2002-1971	84
2002-1971/401-000	84
2002-1972	84
2002-1972/401-000	84
2002-1974	84
2002-1974/401-000	84
2002-1981	86
2002-1981/1000-413	86
2002-1981/1000-414	86
2002-1981/1000-429	86
2002-1981/1000-434	86
2002-1981/1000-435	86
2002-1981/1000-449	86
2002-1991	84
2002-1992	84
2002-2201	50
2002-2201/097-000	54
2002-2201/098-000	54
2002-2201/099-000	52
2002-2202	50
2002-2202/099-000	52
2002-2203	50
2002-2203/099-000	52
2002-2204	50
2002-2204/099-000	52
2002-2207	50

Item No.	Page
2002 Series	
2002-2207/099-000	52
2002-2208	50
2002-2208/099-000	52
2002-2209	50
2002-2209/099-000	52
2002-2211/1000-410	126
2002-2211/1000-411	126
2002-2213/1000-487	126
2002-2213/1000-488	126
2002-2214/1000-489	126
2002-2214/1000-490	126
2002-2214/1000-491	126
2002-2214/1000-492	126
2002-2217	50
2002-2217/099-000	52
2002-2218	51
2002-2218/099-000	53
2002-2221/1000-413	126
2002-2221/1000-434	126
2002-2227	50
2002-2227/099-000	52
2002-2228	51
2002-2228/099-000	53
2002-2231	50
2002-2231/099-000	52
2002-2232	50
2002-2232/099-000	52
2002-2233	50
2002-2233/099-000	52
2002-2234	50
2002-2234/099-000	52
2002-2237	50
2002-2237/099-000	52
2002-2238	50
2002-2238/099-000	52
2002-2239	50
2002-2239/099-000	52
2002-2247	50
2002-2247/099-000	52
2002-2248	51
2002-2248/099-000	53
2002-2257	50
2002-2257/099-000	52
2002-2258	51
2002-2258/099-000	53
2002-2291	51
2002-2292	51
2002-2295	54
2002-2296	54
2002-2401	56
2002-2402	56
2002-2403	56
2002-2404	56
2002-2407	56
2002-2408	56
2002-2409	56
2002-2417	56
2002-2418	57
2002-2427	56
2002-2428	57
2002-2431	56
2002-2432	56
2002-2433	56
2002-2434	56
2002-2437	56
2002-2438	56
2002-2439	56
2002-2447	56
2002-2448	57
2002-2457	56
2002-2458	57
2002-2491	57
2002-2492	57
2002-2601	58
2002-2602	58
2002-2603	58
2002-2604	58
2002-2607	58
2002-2608	58

Item No.	Page
2002 Series	
2002-2609	58
2002-2611	61
2002-2611/1000-541	61
2002-2611/1000-542	61
2002-2611/1000-836	61
2002-2612	61
2002-2647	58
2002-2657	58
2002-2661	60
2002-2662	60
2002-2667	60
2002-2671	60
2002-2672	60
2002-2678	60
2002-2691	59
2002-2692	59
2002-2701	55
2002-2702	55
2002-2703	55
2002-2704	55
2002-2707	55
2002-2708	55
2002-2709	55
2002-2717	55
2002-2727	55
2002-2791	55
2002-2792	55
2002-2941	202
2002-2951	72
2002-2952	72
2002-2954	72
2002-2958	72
2002-2959	72
2002-2961	106
2002-2963	106
2002-2971	72
2002-2972	72
2002-2974	72
2002-2991	72
2002-2992	72
2002-3201	62
2002-3203	62
2002-3204	62
2002-3207	62
2002-3208	62
2002-3209	62
2002-3211/1000-410	128
2002-3211/1000-411	128
2002-3211/1000-675	128
2002-3211/1000-676	128
2002-3212/1000-673	128
2002-3212/1000-674	128
2002-3217	62
2002-3218	63
2002-3221/1000-413	128
2002-3221/1000-434	128
2002-3227	62
2002-3228	63
2002-3231	62
2002-3233	62
2002-3234	62
2002-3237	62
2002-3238	62
2002-3239	62
2002-3247	62
2002-3248	63
2002-3257	62
2002-3258	63
2002-3291	63
2002-3292	63
2002-4101	64
2002-4111	64
2002-4127	64
2002-4131	64
2002-4141	64
2002-4157	64
2002-4191	64

Item No.	Page
2002 Series	
2002-4192	64
2002-6301	38
2002-6302	38
2002-6303	38
2002-6304	38
2002-6305	38
2002-6306	38
2002-6307	38
2002-6308	38
2002-6391	38
2002-6392	38
2002-6401	39
2002-6402	39
2002-6403	39
2002-6404	39
2002-6405	39
2002-6406	39
2002-6407	39
2002-7111	206
2002-7114	206
2002-7192	206
2002-7211	206
2002-7214	206
2002-7292	206
2003 Series	
2003-499	198
2003-500	198
2003-911	202
2003-911/1000-923	202
2003-6640	200
2003-6641	198
2003-6642	198
2003-6643	200
2003-6644	198
2003-6645	198
2003-6646	198
2003-6649	198
2003-6650	198
2003-6651	198
2003-6660	200
2003-6661	200
2003-6692	198
2003-6693	200
2003-6694	200
2003-7300	196
2003-7640	196
2003-7641	196
2003-7642	196
2003-7645	196
2003-7646	196
2003-7649	196
2003-7650	196
2003-7651	196
2003-7659	196
2003-7692	196
2004 Series	
2004-115	40
2004-171	20
2004-172	20
2004-402	20
2004-403	20
2004-404	20
2004-405	20
2004-405/011-000	149
2004-406	20
2004-406/020-000	149
2004-407	20
2004-408	20

Item No.	Page
2004 Series	
2004-409	20
2004-410	20
2004-433	20
2004-434	20
2004-435	20
2004-436	20
2004-437	20
2004-438	20
2004-439	20
2004-440	20
2004-511	142
2004-541	142
2004-549	142
2004-552	142
2004-553	142
2004-554	142
2004-555	142
2004-911	106
2004-911	200
2004-911/1000-541	106
2004-911/1000-542	106
2004-911/1000-836	106
2004-911/1000-867	106
2004-1201	40
2004-1202	40
2004-1203	40
2004-1204	40
2004-1205	40
2004-1206	40
2004-1207	40
2004-1208	40
2004-1211/1000-400	124
2004-1211/1000-401	124
2004-1291	20
2004-1292	20
2004-1293	20
2004-1294	20
2004-1301	40
2004-1302	40
2004-1303	40
2004-1304	40
2004-1305	40
2004-1306	40
2004-1307	40
2004-1308	40
2004-1311/1000-400	124
2004-1311/1000-401	124
2004-1391	20
2004-1392	20
2004-1393	20
2004-1394	20
2004-1401	40
2004-1402	40
2004-1403	40
2004-1404	40
2004-1405	40
2004-1406	40
2004-1407	40
2004-1408	40
2004-1411/1000-400	124
2004-1411/1000-401	124
2004-1491	20
2004-1492	20
2004-1493	20
2004-1494	20
2005 Series	
2005-7300	204
2005-7641	204
2005-7642	204
2005-7645	204
2005-7646	204
2005-7649	204
2005-7692	204

Item No.	Page
2006 Series	
2006-115	9
2006-191	153
2006-401	152
2006-401/000-050	152
2006-402	9
2006-403	9
2006-404	9
2006-405	9
2006-405/011-000	149
2006-433	9
2006-434	9
2006-435	9
2006-451	152
2006-499	43
2006-511	142
2006-549	142
2006-911	108
2006-911/1000-541	108
2006-911/1000-542	108
2006-911/1000-836	108
2006-911/1000-867	108
2006-921	108
2006-921/1000-541	108
2006-921/1000-542	108
2006-921/1000-836	108
2006-921/1000-859	108
2006-921/1000-867	108
2006-931	108
2006-931/099-000	108
2006-931/1000-541	108
2006-931/1000-542	108
2006-931/1000-836	108
2006-931/1000-859	108
2006-931/1000-867	108
2006-931/1099-541	108
2006-931/1099-542	108
2006-931/1099-836	108
2006-931/1099-859	108
2006-931/1099-867	108
2006-991	94
2006-992	94
2006-1201	42
2006-1202	42
2006-1204	42
2006-1207	42
2006-1208	42
2006-1291	22
2006-1292	22
2006-1293	22
2006-1294	22
2006-1301	42
2006-1302	42
2006-1304	42
2006-1307	42
2006-1391	22
2006-1392	22
2006-1393	22
2006-1394	22
2006-1601	90
2006-1604	90
2006-1611	94
2006-1611/1000-541	94
2006-1611/1000-542	94
2006-1611/1000-836	94
2006-1611/1000-867	94
2006-1621	94
2006-1621/1000-541	94
2006-1621/1000-542	94
2006-1621/1000-836	94
2006-1621/1000-859	94
2006-1621/1000-867	94
2006-1631	94
2006-1631/099-000	95
2006-1631/1000-541	94
2006-1631/1000-542	94

Item No.	Page
2006 Series	
2006-1631/1000-836	94
2006-1631/1000-859	94
2006-1631/1000-867	94
2006-1631/1099-541	95
2006-1631/1099-542	95
2006-1631/1099-836	95
2006-1631/1099-859	95
2006-1631/1099-867	95
2006-1661	108
2006-1671	90
2006-1671/1000-848	90
2006-1671/1000-849	90
2006-1671/1000-850	90
2006-1671/1000-851	90
2006-1674	90
2006-1681	92
2006-1681/1000-413	92
2006-1681/1000-414	92
2006-1681/1000-429	92
2006-1681/1000-434	92
2006-1681/1000-435	92
2006-1681/1000-449	92
2006-1691	90
2006-1692	90
2006-1695	108
2006-1696	108
2006-7111	206
2006-7114	206
2006-7192	206
2006-7300	206
2006-8401	96
2006-8601	96
2006-8604	96
2006-8661	96
2006-8664	96
2006-8671	96
2006-8674	96
2006-8691	96
2006-8692	96
2007 Series	
2007-8442	102
2007-8443	102
2007-8444	102
2007-8445	102
2007-8446	102
2007-8447	102
2007-8448	102
2007-8801	102
2007-8804	102
2007-8807	102
2007-8811	102
2007-8821	102
2007-8873	104
2007-8876	105
2007-8891	102
2007-8892	102
2007-8893	102
2007-8894	102
2007-8899	102
2009 Series	
2009-110	230
2009-113	230
2009-114	230
2009-115	230
2009-163	189
2009-174	145
2009-180	149
2009-182	145
2009-191	231
2009-192	231
2009-193	231
2009-196	231
2009-198	231

Item Number Index

Item No.	Page
2009 Series	
2009-304	196
2009-305	196
2009-309	240
2009-310	240
2009-402	150
2009-404	150
2009-406	150
2009-412	150
2009-414	150
2009-414/000-005	150
2009-414/000-006	150
2009-416	150
2010 Series	
2010-100	42
2010-115	42
2010-402	42
2010-403	42
2010-404	42
2010-405	42
2010-405/011-000	149
2010-433	42
2010-434	42
2010-435	42
2010-511	142
2010-549	142
2010-1201	43
2010-1202	43
2010-1204	43
2010-1207	43
2010-1208	43
2010-1291	23
2010-1292	23
2010-1301	43
2010-1302	43
2010-1304	43
2010-1307	43
2010-1391	23
2010-1392	23
2016 Series	
2016-100	10
2016-115	10
2016-402	10
2016-403	10
2016-404	10
2016-405	10
2016-405/011-000	149
2016-433	10
2016-434	10
2016-435	10
2016-499	43
2016-511	142
2016-549	142
2016-1201	44
2016-1202	44
2016-1204	44
2016-1207	44
2016-1208	44
2016-1291	24
2016-1292	24
2016-1301	44
2016-1302	44
2016-1304	44
2016-1307	44
2016-1391	24
2016-1392	24
2016-7111	206
2016-7114	206

Item No.	Page
2016 Series	
2016-7192	206
2016-7601	208
2016-7604	208
2016-7607	208
2016-7691	208
2016-7692	208
2016-7711	208
2016-7714	208
2016-7792	208
2020 Series	
2020-100	117
2020-102	162
2020-102/122-000	170
2020-102/132-000	170
2020-102/142-000	170
2020-103	162
2020-103/000-036	166
2020-103/000-037	166
2020-103/000-038	166
2020-103/000-039	166
2020-103/122-000	170
2020-103/132-000	170
2020-103/142-000	170
2020-104	162
2020-104/000-036	166
2020-104/000-037	166
2020-104/000-038	166
2020-104/000-039	166
2020-104/124-000	170
2020-104/133-000	170
2020-104/143-000	170
2020-105	162
2020-105/000-036	166
2020-105/000-037	166
2020-105/000-038	166
2020-105/000-039	166
2020-105/124-000	170
2020-105/133-000	170
2020-105/143-000	170
2020-106	162
2020-106/000-036	166
2020-106/000-037	166
2020-106/000-038	166
2020-106/000-039	166
2020-106/124-000	170
2020-106/133-000	170
2020-106/143-000	170
2020-107	162
2020-107/000-036	166
2020-107/000-037	166
2020-107/000-038	166
2020-107/000-039	166
2020-107/124-000	170
2020-107/134-000	170
2020-107/144-000	170
2020-108	162
2020-108/000-036	166
2020-108/000-037	166
2020-108/000-038	166
2020-108/000-039	166
2020-108/124-000	170
2020-108/134-000	170
2020-108/144-000	170
2020-109	162
2020-109/000-036	166
2020-109/000-037	166
2020-109/000-038	166
2020-109/000-039	166
2020-109/124-000	170
2020-109/134-000	170
2020-109/144-000	170
2020-110	162
2020-110/000-036	166
2020-110/000-037	166
2020-110/000-038	166
2020-110/000-039	166
2020-110/125-000	170

Item No.	Page
2020 Series	
2020-110/135-000	170
2020-110/145-000	170
2020-111	162
2020-111/000-036	166
2020-111/000-037	166
2020-111/000-038	166
2020-111/000-039	166
2020-111/125-000	170
2020-111/135-000	170
2020-111/145-000	170
2020-112	162
2020-112/000-036	166
2020-112/000-037	166
2020-112/000-038	166
2020-112/000-039	166
2020-112/125-000	170
2020-112/135-000	170
2020-112/145-000	170
2020-113	162
2020-113/000-036	166
2020-113/000-037	166
2020-113/000-038	166
2020-113/000-039	166
2020-113/125-000	170
2020-113/135-000	170
2020-113/145-000	170
2020-114	162
2020-114/000-036	166
2020-114/000-037	166
2020-114/000-038	166
2020-114/000-039	166
2020-114/125-000	170
2020-114/135-000	170
2020-114/145-000	170
2020-115	162
2020-115/000-036	166
2020-115/000-037	166
2020-115/000-038	166
2020-115/000-039	166
2020-115/125-000	170
2020-115/135-000	170
2020-115/145-000	170
2020-161	164
2020-164	164
2020-167	164
2020-181	164
2020-184	164
2020-187	164
2020-202	162
2020-202/122-000	172
2020-202/132-000	172
2020-202/142-000	172
2020-203	162
2020-203/000-036	168
2020-203/000-037	168
2020-203/000-038	168
2020-203/000-039	168
2020-203/122-000	172
2020-203/132-000	172
2020-203/142-000	172
2020-204	162
2020-204/000-036	168
2020-204/000-037	168
2020-204/000-038	168
2020-204/000-039	168
2020-204/124-000	172
2020-204/133-000	172
2020-204/143-000	172
2020-205	162
2020-205/000-036	168
2020-205/000-037	168
2020-205/000-038	168
2020-205/000-039	168
2020-205/124-000	172
2020-205/133-000	172
2020-205/143-000	172
2020-206	162
2020-206/000-036	168
2020-206/000-037	168
2020-206/000-038	168

Item No.	Page
2020 Series	
2020-206/000-039	168
2020-206/124-000	172
2020-206/133-000	172
2020-206/143-000	172
2020-207	162
2020-207/000-036	168
2020-207/000-037	168
2020-207/000-038	168
2020-207/000-039	168
2020-207/124-000	172
2020-207/134-000	172
2020-207/144-000	172
2020-208	162
2020-208/000-036	168
2020-208/000-037	168
2020-208/000-038	168
2020-208/000-039	168
2020-208/124-000	172
2020-208/134-000	172
2020-208/144-000	172
2020-209	162
2020-209/000-036	168
2020-209/000-037	168
2020-209/000-038	168
2020-209/000-039	168
2020-209/124-000	172
2020-209/134-000	172
2020-209/144-000	172
2020-210	162
2020-210/000-036	168
2020-210/000-037	168
2020-210/000-038	168
2020-210/000-039	168
2020-210/125-000	172
2020-210/135-000	172
2020-210/145-000	172
2020-211	162
2020-211/000-036	168
2020-211/000-037	168
2020-211/000-038	168
2020-211/000-039	168
2020-211/125-000	172
2020-211/135-000	172
2020-211/145-000	172
2020-212	162
2020-212/000-036	168
2020-212/000-037	168
2020-212/000-038	168
2020-212/000-039	168
2020-212/125-000	172
2020-212/135-000	172
2020-212/145-000	172
2020-213	162
2020-213/000-036	168
2020-213/000-037	168
2020-213/000-038	168
2020-213/000-039	168
2020-213/125-000	172
2020-213/135-000	172
2020-213/145-000	172
2020-214	162
2020-214/000-036	168
2020-214/000-037	168
2020-214/000-038	168
2020-214/000-039	168
2020-214/125-000	172
2020-214/135-000	172
2020-214/145-000	172
2020-215	162
2020-215/000-036	168
2020-215/000-037	168
2020-215/000-038	168
2020-215/000-039	168
2020-215/125-000	172
2020-215/135-000	172
2020-215/145-000	172
2020-261	164
2020-264	164
2020-267	164
2020-281	164
2020-284	164

Item No.	Page
2020 Series	
2020-287	164
2020-1201	158
2020-1204	158
2020-1207	158
2020-1291	158
2020-1292	158
2020-1301	158
2020-1304	158
2020-1307	158
2020-1391	158
2020-1392	158
2020-1401	158
2020-1404	158
2020-1407	158
2020-1491	158
2020-1492	158
2020-2201	160
2020-2202	160
2020-2203	160
2020-2204	160
2020-2207	160
2020-2208	160
2020-2209	160
2020-2217	160
2020-2227	160
2020-2231	160
2020-2232	160
2020-2233	160
2020-2234	160
2020-2237	160
2020-2238	160
2020-2239	160
2020-2247	160
2020-2257	160
2020-2291	161
2020-2292	161
2020-5311	117
2020-5311/1102-950	117
2020-5317/102-000	119
2020-5317/1102-950	119
2020-5372	117
2020-5372/1102-953	117
2020-5377/102-000	119
2020-5391	117
2020-5417	118
2020-5417/1102-950	118
2020-5477	118
2020-5477/1102-953	118
2020-5491	118
2022 Series	
2022-100	174
2022-101	174
2022-101/000-016	178
2022-101/122-000	184
2022-101/122-006	184
2022-101/122-016	184
2022-101/132-000	184
2022-101/132-006	184
2022-101/132-016	184
2022-101/142-000	184
2022-101/142-006	184
2022-101/142-016	184
2022-102	178
2022-102/000-016	178
2022-102/122-000	184
2022-102/132-000	184
2022-102/142-000	184
2022-102/999-953	190
2022-103	178
2022-103/000-036	182
2022-103/000-037	182
2022-103/000-038	182
2022-103/000-038/999-953	191

Item No.	Page
2022 Series	
2022-103/000-039	182
2022-103/000-039/999-953	191
2022-103/123-000	184
2022-103/133-000	184
2022-103/143-000	184
2022-103/999-953	186
2022-103/999-953	188
2022-103/999-953	190
2022-104	178
2022-104/000-036	182
2022-104/000-037	182
2022-104/000-038	182
2022-104/000-038/999-953	191
2022-104/000-039	182
2022-104/000-039/999-953	191
2022-104/123-000	184
2022-104/133-000	184
2022-104/143-000	184
2022-104/999-953	190
2022-105	178
2022-105/000-036	182
2022-105/000-037	182
2022-105/000-038	182
2022-105/000-038/999-953	191
2022-105/000-039	182
2022-105/000-039/999-953	191
2022-105/123-000	184
2022-105/134-000	184
2022-105/144-000	184
2022-105/999-953	190
2022-106	178
2022-106/000-036	182
2022-106/000-037	182
2022-106/000-038	182
2022-106/000-038/999-953	191
2022-106/000-039	182
2022-106/000-039/999-953	191
2022-106/123-000	184
2022-106/134-000	184
2022-106/144-000	184
2022-106/999-953	190
2022-107	178
2022-107/000-036	182
2022-107/000-037	182
2022-107/000-038	182
2022-107/000-039	182
2022-107/123-000	184
2022-107/135-000	184
2022-107/145-000	184
2022-107/999-953	190
2022-108	178
2022-108/000-036	182
2022-108/000-037	182
2022-108/000-038	182
2022-108/000-039	182
2022-108/123-000	184
2022-108/135-000	184
2022-108/145-000	184
2022-108/999-953	190
2022-109	178
2022-109/000-036	182
2022-109/000-037	182
2022-109/000-038	182
2022-109/000-039	182
2022-109/123-000	184
2022-109/135-000	184
2022-109/145-000	184
2022-110	178
2022-110/000-036	182
2022-110/000-037	182
2022-110/000-038	182
2022-110/000-039	182
2022-110/123-000	184
2022-110/135-000	184
2022-110/145-000	184
2022-111	178
2022-111/000-036	182
2022-111/000-037	182
2022-111/000-038	182
2022-111/000-039	182
2022-111/126-000	184

Item No.	Page
2022 Series	
2022-111/136-000	184
2022-111/146-000	184
2022-112	178
2022-112/000-036	182
2022-112/000-037	182
2022-112/000-038	182
2022-112/000-039	182
2022-112/126-000	184
2022-112/136-000	184
2022-112/146-000	184
2022-113	178
2022-113/000-036	182
2022-113/000-037	182
2022-113/000-038	182
2022-113/000-039	182
2022-113/126-000	184
2022-113/136-000	184
2022-113/146-000	184
2022-114	178
2022-114/000-036	182
2022-114/000-037	182
2022-114/000-038	182
2022-114/000-039	182
2022-114/126-000	184
2022-114/136-000	184
2022-114/146-000	184
2022-115	178
2022-115/000-036	182
2022-115/000-037	182
2022-115/000-038	182
2022-115/000-039	182
2022-115/127-000	184
2022-115/137-000	184
2022-115/147-000	184
2022-141	162
2022-142	162
2022-151	162
2022-152	162
2022-161	180
2022-162	180
2022-164	180
2022-167	180
2022-171	180
2022-172	180
2022-174	180
2022-177	180
2022-181	180
2022-182	180
2022-184	180
2022-187	180
2022-1201	174
2022-1201/999-953	186
2022-1202	174
2022-1204	174
2022-1204/999-953	186
2022-1207	174
2022-1207/999-953	186
2022-1291	174
2022-1292	174
2022-1301	174
2022-1301/999-953	186
2022-1302	174
2022-1304	174
2022-1304/999-953	186
2022-1307	174
2022-1307/999-953	186
2022-1391	174
2022-1392	174
2022-1401	174
2022-1401/999-953	186
2022-1402	174
2022-1404	174
2022-1404/999-953	186
2022-1407	174
2022-1407/999-953	186
2022-1491	174
2022-1492	174

Item No.	Page
2022 Series	
2022-2201	176
2022-2201/999-953	188
2022-2202	176
2022-2203	176
2022-2204	176
2022-2207	176
2022-2207/999-953	188
2022-2208	176
2022-2209	176
2022-2217	176
2022-2227	176
2022-2231	176
2022-2232	176
2022-2233	176
2022-2234	176
2022-2234/999-953	188
2022-2237	176
2022-2238	176
2022-2239	176
2022-2247	176
2022-2257	176
2022-2291	177
2022-2291	188
2022-2292	177
2022-2292	188
2042 Series	
2042-321	136
2042-331	136
2042-341	136
2042-351	136
2102 Series	
2102-1201	8
2102-1204	8
2102-1207	8
2102-1291	8
2102-1292	8
2102-1301	8
2102-1304	8
2102-1307	8
2102-1391	8
2102-1392	8
2102-5201	11
2102-5204	11
2102-5207	11
2102-5301	11
2102-5304	11
2102-5307	11
2106 Series	
2106-1201	9
2106-1204	9
2106-1207	9
2106-1291	9
2106-1292	9
2106-1301	9
2106-1304	9
2106-1307	9
2106-1391	9
2106-1392	9
2106-5201	12
2106-5204	12
2106-5207	12
2106-5301	12
2106-5304	12
2106-5307	12
2116 Series	
2116-1201	10
2116-1204	10
2116-1207	10

Item Number Index

Item No.	Page
2116 Series	
2116-1291	10
2116-1292	10
2116-1301	10
2116-1304	10
2116-1307	10
2116-1391	10
2116-1392	10
2116-5201	13
2116-5204	13
2116-5207	13
2116-5301	13
2116-5304	13
2116-5307	13
2200 Series	
2200-1201	14
2200-1204	14
2200-1207	14
2200-1301	14
2200-1304	14
2200-1307	14
2200-1401	14
2200-1404	14
2200-1407	14
2201 Series	
2201-1201	16
2201-1204	16
2201-1207	16
2201-1301	16
2201-1304	16
2201-1307	16
2201-1401	16
2201-1404	16
2201-1407	16
2202 Series	
2202-1201	18
2202-1204	18
2202-1207	18
2202-1301	18
2202-1304	18
2202-1307	18
2202-1401	18
2202-1404	18
2202-1407	18
2204 Series	
2204-1201	20
2204-1204	20
2204-1207	20
2204-1301	20
2204-1304	20
2204-1307	20
2204-1401	20
2204-1404	20
2204-1407	20
2206 Series	
2206-1201	22
2206-1204	22
2206-1207	22
2206-1301	22
2206-1304	22
2206-1307	22

Item No.	Page
2210 Series	
2210-1201	23
2210-1204	23
2210-1207	23
2210-1301	23
2210-1304	23
2210-1307	23
2216 Series	
2216-1201	24
2216-1204	24
2216-1207	24
2216-1301	24
2216-1304	24
2216-1307	24

Item No.	Page	Item No.	Page	Item No.	Page	Item No.	Page

WAGO Worldwide
Companies and Representatives

Algeria
please contact WAGO France

Argentina
Bruno Schillig S.A.
Arenales 4030, B1604CFD
Florida, PBA
Phone +54 11 4730 1100
Fax +54 11 4761 7244
wago@schillig.com.ar

Australia
WAGO Pty. Ltd.
2-4 Overseas Drive
Noble Park Victoria 3174
Phone +61 03 8791 6300
Fax +61 03 9701 0177
sales.anz@wago.com

NHP ELECTRICAL ENGINEERING PRODUCTS PTY LTD
43-67 River Street
Richmond, Victoria, 3121
P.O. Box 199
Phone +61 3 9429 2999
Fax +61 3 9429 1075
export@wago.com

Austria
WAGO Kontakttechnik Ges.m.b.H.
Europaring F15 602
Campus 21
2345 Brunn am Gebirge
Phone +43 1 6150780
Fax +43 1 6150775
wago-at@wago.com

Azerbaijan
AZ Technics LTD
Zulfi V. Alizade
Y.Safarov str.33, AZ1025,
Baku
Phone +994 50 210 24 49
Fax +994 12 496 83 34
info@AZtechnics.az

Bangladesh
please contact WAGO India

Belarus
OOO FEK
pr-t Pushkina 29-B
220015 Minsk
Phone +375 17 2102189
Fax +375 17 2102189
wago@fek.by

UP ATAVA
ul. Denisovskaya, 47, office 1
220006 Minsk
Phone +375 17 2054015
Fax +375 17 2851759

Belgium
WAGO BeLux nv
Excelsiorlaan 11
1930 Zaventem
Phone +32 2 717 9090
Fax +32 2 717 9099
info-be@wago.com

Bolivia
ISOTEK S.R.L.
Zona Casco Viejo
Calle Isso #578, B/San Roque
Santa Cruz
Phone +591 721 000 27
info@isotek.bo

Bosnia & Herzegovina
please contact WAGO Bulgaria

ELEKTRON d.o.o. GRUDE
Hrvatskih branitelja 46
88340 GRUDE
Phone 00387 39/674 404
Fax 00387 39/674 406
elektron@tel.net.ba

Brazil
WAGO Eletroeletrônicos Ltda
Rua Trípoli, 640, Lotamento Multivias II
Jardim Ermida I
Jundiaí - SP
CEP 13212-217
Phone +55 (11) 2923 7200
info.br@wago.com

Bulgaria
WAGO Kontakttechnik GmbH & Co. KG
Representative Office Sofia
Business Center Serdika
2E Akad. Ivan Geshov Blvd.
Building 1, Floor 4, Office 417
1330 Sofia
Phone +359 2 489 46 09/10
Fax +359 2 928 28 50
info-BG@wago.com

Canada
please contact WAGO USA

Chile
Desimat Chile
Av Puerto Vespucio 9670
Pudahuel Santiago
Phone +56 2 747 0152
Fax +56 2 747 0153
ventaschile@desimat.cl

China
WAGO Electronic (Tianjin) Co., Ltd.
No.5, Quan Hui Road
Wuqing Development Area
Tianjin 301700
Phone +86 22 5967 7688
Fax +86 22 5961 7668
info-cn@wago.com

Colombia
T.H.L. Ltda.
Cra. 49 B # 91-33
Bogotá
Phone +57 1 621 85 50
Fax +57 1 621 60 28
ventas-thl2@thl.com.co

Croatia
M.B.A. d.o.o.
Frana Supila 5
51211 Matulji
Phone +385 51 275-736
Fax +385 51 275-066
mba@ri.htnet.hr

MICROSTAR d.o.o.
Siget 18 b
10020 Zagreb
Phone +385 1 3647 849
Fax +385 1 3636 662
wago@microstar.hr

Czech Republic
WAGO Elektro spol. sr. o.
Rozvodova 1116/36
143 00 Praha 4 - Modřany
Phone +420 261 090 143
Fax +420 261 090 144
info.cz@wago.com
wago-cz@wago.com

Denmark
WAGO Denmark A/S
Lejrvej 17
3500 Værløse
Phone +45 44 357 777
info.dk@wago.com

Ecuador
ECUAINSETEC CIA LTDA
Yugoslavia N34-110 y Azuay
Quito
Phone +593 2 24 50 475
Fax +593 2 22 51 242
g.castro@ecuainsetec.com.ec

Egypt
KENANA Automation / System Integrator (Water & Waste Water)
2 Building 10, Block 31
Ibrahim Shehata Street
Nasr City
Cairo, Egypt
Phone +2 01 02899 3434
Fax +2 02 357 3353
mohamed.bahgat@kenanaeg.com

IBN Engineering / Distributor (Automation Products)
Phone +2 02 3721 4350
Fax +2 02 3722 1709
nasrelwy@ibnengineering.com

Barkouky Electric / System Integrator (Building Management)
Phone +2 02 2269 1192
Fax +2 02 2269 1193
ahmed@barkouky.com.eg

Estonia
Eltarko OÜ
Laki 14 - 502
10621 Tallinn
Phone +372 651 7731
Fax +372 651 7786
andres@eltarko.ee

Finland
WAGO Finland Oy
Perintötie 2 C
01510 Vantaa
Phone +358 9 7744 060
Fax +358 9 7744 0660
tilaus@wago.fi

France
WAGO Contact SAS
Paris Nord 2
83 Rue des Chardonnerets
B.P. 55065 - Tremblay en France
95947 - ROISSY CDG CEDEX
Phone +33 1 4817 2590
Fax +33 1 4863 2520
info-fr@wago.com

Germany
WAGO Kontakttechnik GmbH & Co. KG
Postfach 28 80, 32385 Minden
Hansastraße 27
32423 Minden
Phone +49 571 887-0
Fax +49 571 887-169
info@wago.com

WAGO Kontakttechnik GmbH & Co. KG
Waldstraße 1
99706 Sondershausen
Phone +49 3632 659-0
Fax +49 3632 659-100
info@wago.com

Great Britain
WAGO Limited
Triton Park, Swift Valley Industrial Estate
RUGBY
Warwickshire, CV21 1SG
Phone +44 1788 568 008
Fax +44 1788 568 050
uksales@wago.com

Greece
PANAGIOTIS SP. DIMOULAS
DIMOULAS AUTOMATIONS
Kritis Str. 26
10439 Athens
Phone +30 210 883 3337
Fax +30 210 883 4436
wago.info@dimoulas.com.gr

Honduras
CILASAS S.A. de C.V.
Barrio Los Andes
7 Calle entre 14 y 15 Ave. N.O.
P.O. Box. 1061
San Pedro Sula
Phone +504 2557 1146/7
Fax +504 2557 1149
ventas@iecilasa.com

Hong Kong
National Concord Eng., Ltd.
Unit A-B, 5/F.
Southeast Industrial Building
611-619 Castle Peak Road
Tsuen Wan, N.T.
Phone +852 2429 2611
Fax +852 2429 2164
sales@nce.com.hk

Hungary
WAGO Hungária KFT
Ipari Park, Gyár u. 2
2040 Budapest
Phone +36 23 502-170
Fax +36 23 502-166
info.hu@wago.com

Iceland
S. Gudjonsson ehf.
Audbrekku 9-11
202 Kopavogur
Phone +354 520-4500
Fax +354 520-4501
export@wago.com

India
WAGO Private Limited
C-27, Sector-58, Phase-III
Noida-201 301
Gautam Budh Nagar (U.P)
Phone +91 120 438 8700
Fax +91 120 438 8799
info.india@wago.com

Indonesia
please contact WAGO Singapore

Irak
please contact WAGO Middle East

Ireland
Drives & Controls
Unit F4, Riverview Business Park
Nangor Road
Dublin 12
Phone +353 1 4604474
Fax +353 1 4604507
info@drivesandcontrols.ie

Israel
Comtel Israel Electronic Solutions Ltd.
Bet Hapaamon
20 Hataas Street
P.O. Box 66
44425 Kefar-Saba
Phone +972 9 76 77 240
Fax +972 9 76 77 243
sales@comtel.co.il

Italy
WAGO Elettronica SRL a Socio Unico
Via Parini 1
40033 Casalecchio di Reno (BO)
Phone +39 051 6132112
Fax +39 051 6272174
info-ita@wago.com

Japan
WAGO Co. of JAPAN Ltd.
Kinshicho Prime Tower
1-5-7, Kameido, Koto-ku
Tokyo 136-0071
Phone +81 3 5627 2050
Fax +81 3 5627 2055
info-jp@wago.com

Jordan
Oxgen for Engineering Systems Co. L.L.C
P.O Box: 2154 Amman
11953 Jordan
Phone +962 79 9 860 869
Fax. +962 655 211 89
info@oxgn-grp.com

Kazakhstan
TOO INTANT
232/2, Ryskulov avenue
050061 Almaty
Phone +7 727 356 52 91/92/93
Fax +7 727 327 14 92/93
ee@intant.net
ees_sm1@intant.net

TOO Technik-Trade
ul. i. A. Protosanova, 81
070004 Ust-Kamenogorsk
Phone +7 7232 254 064
Fax +7 7232 253 251
info@technik.kz

Nova Solut LLC (System Integrator)
050042, The Republic Of Kazakhstan,
Almaty city, Toktabayeva 23, #10
Phone +7 777 206 04 76
director@novasolut.kz
tech@novasolut.kz

Korea
WAGO Korea Co., Ltd.
Room 205 AnyangMegaValley,
268, Hagui-ro, Dongan-gu, Anyang-si,
Gyeonggi-do, 14056, South Korea
Phone +82 31 421 9500
info.korea@wago.com

Kosovo
please contact WAGO Bulgaria

Latvia
INSTABALT LATVIA SIA
Vestienas iela 6
Rīga, LV-1035
Phone +371 6790 1188
Fax +371 6790 1180
info@instabalt.lv

Lebanon
Gemayel Trading & Contracting
Rue 55, Antonins Project-Bloc L
P.O. BOX 70-1096
Antelias, Lebanon
Phone +961 3 223 029
Fax +961 4 521 029
info@gtclb.com

Lithuania
INSTABALT LIT UAB
Savanorių 187
Vilnius, 2053
Phone +370 52 322 295
Fax +370 52 322 247
info@instabalt.lt

Luxembourg
please contact WAGO Belgium

Macedonia
please contact WAGO Bulgaria

Kompjunet Inzenering
Vladimir Komarov 1A-3/9
1000 Skopje
Phone +389 2 521 12 00

Malaysia
WAGO Representative Office Malaysia
No 806, Block A4, Leisure Commerce Square,
No 9, Jalan PJS 8/9, 46150 Petaling Jaya,
Selangor Darul Ehsan, Malaysia
Phone +60 3 7877 1776
Fax +60 3 7877 2776
kian.guan.tan@wago.com

HPH Materials (M) Sdn Bhd
No. 4, Jalan Nilam 1/6
Suban Hi-Tech Industrial Park
40000 Shah Alam
Selangor, D.E. Malaysia
Phone +60 3 5638 2213
Fax +60 3 5638 8213
info@hphmaterials.com

Maledives
please contact WAGO India

Mexico
WAGO SA de CV
Carretera estatal 431 Km. 2+200
Lote 99 Módulo 6
Parque Industrial Tecnológico Innovsción
Querétaro
El Marqués, Qro. 76246
Phone +52 442 221 5946
Fax +52 442 221 5063
info.mx@wago.com

Moldova
Electroservice Slavinschi T.T.
str. Bolgarskaia 9, office 6
2001 Kishinev
Phone +373 22 274427
Fax +373 22 224481
es@es.mldnet.com

Morocco
Automatisme & Connection Maroc
23, Rue Boured
2ème étage, appt4
Roche Noire
20300 Casablanca
Phone +212 522 24 21 72/73
Fax +212 522 24 21 75
info-fr@wago.com

Nepal
please contact WAGO India

Netherlands
WAGO Nederland B.V.
Laan van de Ram 19
7234 BW APELDOORN
Phone +31 55 36 83 500
Fax +31 55 36 83 599
info-nl@wago.com

New Zealand
please contact WAGO Australia

NHP NZ
7 Lockhart Place
Mt Wellington
Phone +64 9 2761967
Fax +64 9 2761992
export@wago.com

Nigeria
GIL Automations Ltd.
Daily Times Complex
2 Lateef Jakande Rd., Agidingbi
100271 Ikeja, Lagos State
Phone +234 17132672335
sales@gilautomation.com

Norway
WAGO Norge AS
Jerikoveien 20
1067 Oslo
Phone +47 22 30 94 50
Fax +47 22 30 94 51
info.no@wago.com

Oman
please contact WAGO Middle East

Pakistan
FuziLogiX Automation & Control
Suit No. 14, 5th Floor, Shan Arcade
New Garden Town, Lahore
Phone +92 42 594 1503 - 4
Fax +92 42 585 1431
info@fuzilogix.com

S.A. Hamid & Co.
7 Brandreth Road
Lahore, 54000
Phone +92 42 376 500 99
Fax +92 42 376 513 91
sales@sahamid.com

Paraguay
AESA
Av. Madame Lynch
c/Antolin Irala
2309 Asunción
Phone +59 521674524
info@aesa.com.py

Peru
Manufacturas Eléctricas S.A.
Av O.R. Benavides 1215
15000 Lima
Phone +511 6196200
Fax +511 6196247
ventas@manelsa.com.pe

Philippines
please contact WAGO Singapore

Poland
WAGO ELWAG sp. z o. o.
ul. Piękna 58 a
50-506 Wrocław
Phone +48 71 3602970
Fax +48 71 3602999
wago.elwag@wago.com

Portugal
MORGADO & CA. LDA - SEDE
Estrada Exterior da
Circunvalação 3558/3560
Apartado 1057
4435 Rio Tinto
Phone +351 22 9770600
Fax +351 22 9770699
geral@morgadocl.pt

Quatar
GEBD - Gulf European Business
Development - Company W.L.L.)
PO Box: 20 000
Doha, Quatar
Phone +974 5591 5682
info@gebdc.com

Romania
WAGO Kontakttechnik GmbH & Co. KG
Representative Office Romania
Sos. Pipera-Tunari nr. 1/1
building 1, 2nd floor
077190 Voluntari, Ilfov
Phone +40-(0)31 421 85 68
info-RO@wago.com

VDR & Servicii srl
Str. Valeriu Branişte, nr. 60, ap.1,
sector 3
Phone +40 21 322 5074/76
Fax +40 21 322 5075
office@componente-automatizari.ro

Russia
OOO WAGO Contact Rus
Dmitrovskoe shosse, 157,
bldg. 12/5
127411 Moscow
Phone +7 495 663-3305
Fax +7 495 663-3308
info.ru@wago.com

OOO Decima
Projesd 4922, d. 4, str. 1
124460 Moscow / Selenograd
Phone +7 495 988 4858
Fax +7 495 988 4858
decima@decima.ru

OOO Prosoft
ul. Profsouznaya, 108
117437 Moscow
Phone +7 495 2340636
Fax +7 495 2340640
info@prosoft.ru

ITC Electronics: Moscow
Radio str. 24
105005 Moscow
Phone +7 495 775 1845
Fax +7 495 775 1848
moscow@itc-electronics.com

WAGO Branch office
Ekaterinburg
Phone +7 343 216 3426

WAGO Branch office
Novosibirsk
Phone +7 383 217 9244

WAGO Branch office
St. Petersburg
Phone +7 812 312 1918

Saudi Arabia
Saudi Electronic Trading
P.O. Box 60712
Riyadh 11555
Phone +966 11 2063 377
Fax +966 11 4633 297
info@setra.com.sa

Serbia
please contact WAGO Bulgaria

ELMAT Elektromaterijal doo.
Savnicka 11
11030 Beograd
Phone +381 11 2500800
Fax +381 11 2515816
office@elmat.rs

Singapore
WAGO Electronic Pte Ltd
7 Tai Seng Drive, #05-02
Singapore 535218
Phone +65 62866776
Fax +65 62842425
info-sing@wago.com

Slovakia
Proelektro spol. s r.o.
Na barine 22
841 03 Bratislava - Lamač
Phone +421 2 4569 2503
info@wago.sk

Slovenia
IC elektronika d.o.o.
Vodovodna cesta 100
1000 Ljubljana
Phone +386 1568 0126
Fax +386 1568 9107
info@ic-elect.si

Elektronabava d.o.o.
Cesta 24 junija 3
1231 Ljubljana
Phone +386 1 58 99 300
Fax +386 1 58 99 409
info@elektronabava.si

Spain
DICOMAT S.L.
Avda. de la Industria, 36
Apartado Correos, 1.178
28108-Alcobendas (Madrid)
Phone +34 91 662 1362
Fax +34 91 661 0089
info@dicomat-asetyc.com

South Africa
Shorrock Automation CC
Nellmapius drive
5 Regency Drive, Route 21 Corp. Park
0051 Centurion
Phone +27 12 4500300
Fax +27 12 4500322
sales@shorrock.co.za

Sri Lanka
please contact WAGO India

Sweden
WAGO Sverige AB
Box 11127, 161 11 BROMMA
Besöksadress: Adolfsbergsv. 31
Phone +46 858410680
info.se@wago.com

Switzerland
WAGO CONTACT SA
Rte. de l'Industrie 19
Case Postale 168
1564 Domdidier
Phone +41/26 676 75 00
Fax +41/26 676 75 01
info.switzerland@wago.com

Syria
Zahabi Co.
8/5 Shouhadaa St., P.O. Box 8262
Aleppo
Phone +963 21 21 22 235 / 6
Fax +963 21 21 22 23 7
info.uae@wago.com

Taiwan R.O.C.
WAGO Contact, Ltd.
5F., No.168, Jiankang Rd
Zhonghe City
Taipei County 23585, Taiwan
Phone +886 2 2225 0123
Fax +886 2 2225 1511
info.taiwan@wago.com

Thailand
WAGO Representative Office Thailand
4th Floor, KS Building
213/6-8 Rachada-Phisek Road
Dingdaeng, Bangkok 10400
Phone +66 2 6935611
Fax +66 2 6935612
warongkon.khankham@wago.com

US Power Distribution Co., Ltd.
4th Floor, KS Building
213/6-8 Rachada-Phisek Road
Dingdaeng, Bangkok 10400
Phone +66 2 2763040
Fax +66 2 2763049
uspower2014@gmail.com

Thailand
Itthirit Technology Co., Ltd.
Vision Business Park 2 Floor 4
Soi Raminthra 55/8, Watcharapon Road
Tharaeng, Bangkhen District
Bangkok Thailand 10220
Phone +66 2 347 0780
Fax +66 2 347 0772
sales@itthirittechnology.com

Tunisia
please contact WAGO France

Turkey
WAGO Elektronik Sanayi ve Ticaret Ltd. Şti.
Yukarı Dudullu Mahallesi Bayraktar Bulvarı
Cad. Hattat Sok. No. 10
34775 Ümraniye - Istanbul
Phone +90 216 472 1133
Fax +90 216 472 9910
info.tr@wago.com

Ukraine
NPP Logicon
Predslavinskaya street, 39, office 303
03150 Kiev
Phone +380 44 5228019
Fax +380 44 2611803
info@logicon.ua

OOO Micropribor
ul. Kotelnikova, 4
03115 Kiev
Phone +380 44 5369386
Fax +380 44 5369387
sales@micropribor.kiev.ua

United Arab Emirates (UAE)
WAGO Middle East (FZC)
SAIF Zone, Q4-282
P.O. Box 120665
Sharjah, UAE
Phone +971 6 5579920
Fax +971 6 5579921
info.uae@wago.com

Uruguay
Fivisa Electricidad
Avda. Urugay 1274
11100 Montevideo
Phone +59 829 020 808
Fax +59 829 021 230
info@fivisa.com.uy

USA
WAGO CORPORATION
N120 W19129 Freistadt Road
Germantown, WI 53022
Phone +1 262 255 6222
Fax +1 262 255 3232
Toll-Free: 1-800 DIN Rail (346-7245)
info.us@wago.com

Venezuela
PETROBORNAS, C.A.
C.C. PLAZA AEROPUERTO - PISO 1 - LOCAL P1-B-03
(8015) UNARE - PUERTO ORDAZ - ESTADO BOLÍVAR
REPÚBLICA BOLIVARIANA DE VENEZUELA
Phone +58 286 951 3382
Fax +58 286 951 3382
info@petrobornas.com

Vietnam
please contact WAGO Germany (Minden)

Version: 02/2018
Current adresses at www.wago.com

Notes

Notes

Notes

Notes

WAGO Kontakttechnik GmbH & Co. KG
Postfach 2880 · D · 32385 Minden
Hansastraße 27 · D · 32423 Minden
info@wago.com
www.wago.com

Headquarters	+49 571 887 - 0
Sales	+49 571 887 - 44222
Order Service	+49 571 887 - 44333
Fax	+49 571 887 - 844169

0888-2002/0300-6901 - Catalog TOPJOB® S 2018 US - 04/2018-00 - Printed in Germany - Subject to changes