Component terminal block; 2-conductor; with diode 1N5408; anode, left side; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm²; Push-in CAGE CLAMP®; 4,00 mm²; gray

https://www.wago.com/2004-1211/1000-400

WAGO
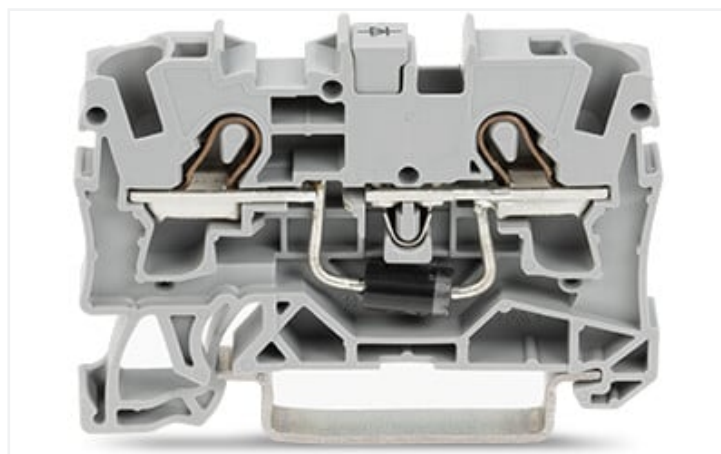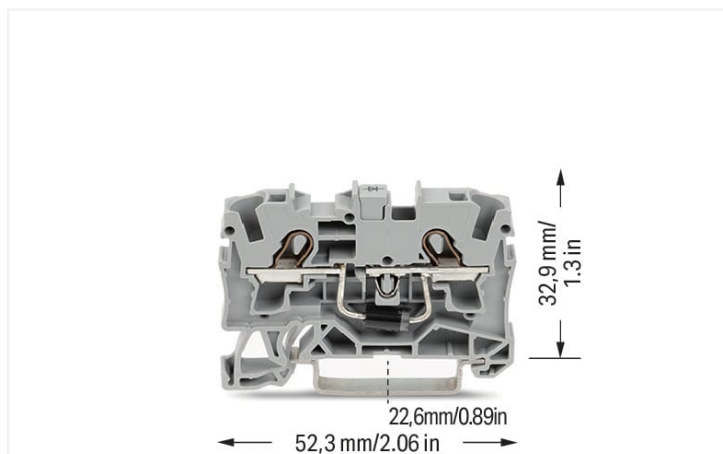
Color: ■ gray
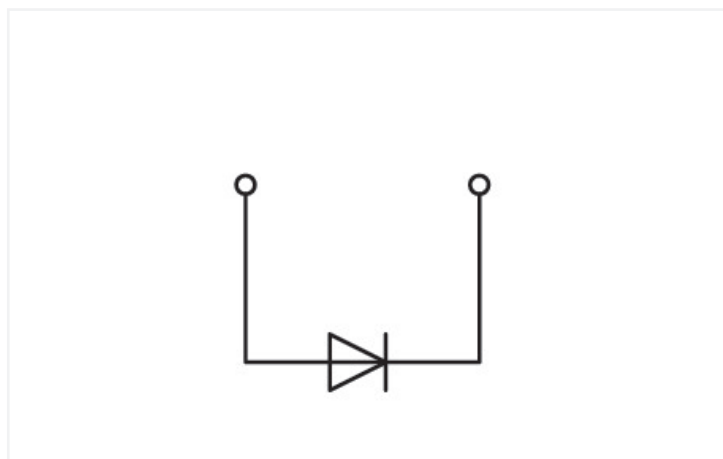
2004-1211/1000-400

Electrical data

Ratings per	IEC/EN 60947-7-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	-
Rated surge voltage	-	-	-
Rated current	-	-	-

General information	
Nominal voltage	250 V
Reverse voltage	1000 V

Connection data

Connection points	2
Total number of potentials	1
Number of levels	1

Connection 1	
Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	4 mm²
Solid conductor	0.5 … 6 mm² / 20 … 10 AWG
Solid conductor; push-in termination	1.5 … 6 mm² / 14 … 10 AWG
Fine-stranded conductor	0.5 … 6 mm² / 20 … 10 AWG
Fine-stranded conductor; with insulated ferrule	0.5 … 4 mm² / 20 … 12 AWG

Connection 1

Fine-stranded conductor; with ferrule; push-in termination	1.5 … 4 mm² / 18 … 12 AWG
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
Strip length	11 … 13 mm / 0.43 … 0.51 inches
Wiring direction	Front-entry wiring

Physical data

Width	6.2 mm / 0.244 inches
Height	52.3 mm / 2.059 inches
Depth from upper-edge of DIN-rail	32.9 mm / 1.295 inches

Mechanical data

Mounting type	DIN-35 rail
Marking level	Center/side marking

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.145 MJ
Weight	8.3 g

Environmental requirements

Processing temperature	-35 … +85 ℃
Continuous operating temperature	-60 … +105 ℃

Commercial data

Product Group	22 (TOPJOB S)
eCl@ss 10.0	27-14-11-27
eCl@ss 9.0	27-14-11-27
ETIM 8.0	EC000903
ETIM 7.0	EC000903
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821230946
Customs tariff number	85369010000

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Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	7(a) 7(c)-I 7(c)-II
SCIP notification number (Austria)	e3f22a50-d39f-497f-a932-bc73f9be6db9
SCIP notification number (Belgium)	73371259-169a-439b-9275-7ab47b3ae198
SCIP notification number (Bulgaria)	0a9dce73-7d50-4719-9375-947215914a8b
SCIP notification number (Czech Republic)	4ab06938-c53e-4e13-90b8-cb6f8ea0ed88
SCIP notification number (Denmark)	bc6f16b1-1522-4b5a-aeed-4b92cd9a31ee
SCIP notification number (Finland)	dd130040-799f-4119-8767-95f588cad1e1
SCIP notification number (France)	ba3ed1e7-8c9d-4b10-913c-5af205bdb44c
SCIP notification number (Germany)	f6229b2a-3563-4ab5-a74a-122295206c1b
SCIP notification number (Hungary)	495333c4-f0be-4de5-baee-e99cc4392475
SCIP notification number (Italy)	f44f9176-db92-41d0-ba6a-a9b461af582c
SCIP notification number (Netherlands)	3261f29f-501a-402e-a889-a6404adca359
SCIP notification number (Poland)	be6a11d5-7b81-4f82-a17e-bb948f9614d0
SCIP notification number (Romania)	ec9e90e0-c9e4-4b36-901e-2f63f26d0595
SCIP notification number (Sweden)	de798db0-b9f2-430f-b5f8-b862ac21ebd6

Approvals / Certificates

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2004-1211/1000-400	↓

Documentation

Additional Information		
Technical Section	pdf 2240.62 KB	↓

Bid Text			
2004-1211/1000-400	07.08.2018	docx 14.91 KB	↓
2004-1211/1000-400	19.02.2019	xml 3.67 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models
2004-1211/1000-400

CAE data

EPLAN Data Portal
2004-1211/1000-400

WSCAD Universe
2004-1211/1000-400

ZUKEN Portal
2004-1211/1000-400

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate

Item No.: 2004-1291
End and intermediate plate; 1 mm thick; gray

Item No.: 2004-1292
End and intermediate plate; 1 mm thick; orange

Item No.: 2004-1293
Seperator plate; 2 mm thick; oversized; gray

Item No.: 2004-1294
Seperator plate; 2 mm thick; oversized; orange

1.2 Optional Accessories

1.2.1 DIN-rail

1.2.1.1 Mounting accessories

Item No.: 210-196
Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

Item No.: 210-198
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

Item No.: 210-508
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored

Item No.: 210-197
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

Item No.: 210-506
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored

Item No.: 210-114
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

Item No.: 210-118
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

Item No.: 210-115
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored

Item No.: 210-112
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored

Item No.: 210-504
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

Item No.: 210-113
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

Item No.: 210-505
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

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1.2.2 Ferrule

1.2.2.1 Ferrule

Item No.: 216-262
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

Item No.: 216-263
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

Item No.: 216-264
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black

Item No.: 216-266
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

Item No.: 216-267
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

1.2.3 Installation

1.2.3.1 Cover

Item No.: 709-156
Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

1.2.3.2 Cover carrier

Item No.: 709-169
Cover carrier; Type 3; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

1.2.4 Insulation stop

1.2.4.1 Insulation stop

Item No.: 2004-171
Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray

Item No.: 2004-172
Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

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1.2.5 Jumper

1.2.5.1 Jumper

Item No.: 2004-406/020-000 Delta jumper; insulated; light gray	**Item No.: 2004-410** Jumper; 10-way; insulated; light gray	**Item No.: 2004-402** Jumper; 2-way; insulated; light gray	**Item No.: 2004-403** Jumper; 3-way; insulated; light gray
Item No.: 2004-404 Jumper; 4-way; insulated; light gray	**Item No.: 2004-405** Jumper; 5-way; insulated; light gray	**Item No.: 2004-406** Jumper; 6-way; insulated; light gray	**Item No.: 2004-407** Jumper; 7-way; insulated; light gray
Item No.: 2004-408 Jumper; 8-way; insulated; light gray	**Item No.: 2004-409** Jumper; 9-way; insulated; light gray	**Item No.: 2004-440** Jumper; from 1 to 10; insulated; light gray	**Item No.: 2004-433** Jumper; from 1 to 3; insulated; light gray
Item No.: 2004-434 Jumper; from 1 to 4; insulated; light gray	**Item No.: 2004-435** Jumper; from 1 to 5; insulated; light gray	**Item No.: 2004-436** Jumper; from 1 to 6; insulated; light gray	**Item No.: 2004-437** Jumper; from 1 to 7; insulated; light gray
Item No.: 2004-438 Jumper; from 1 to 8; insulated; light gray	**Item No.: 2004-439** Jumper; from 1 to 9; insulated; light gray	**Item No.: 2004-405/011-000** Star point jumper; 3-way; insulated; light gray	**Item No.: 210-103** Wire commoning chain; insulated; black
Item No.: 210-123 Wire commoning chain; insulated; blue			

1.2.6 Marking

1.2.6.1 Group marker carrier

Item No.: 2009-191 Group marker carrier; gray	**Item No.: 2009-192** Group marker carrier; gray	**Item No.: 2009-193** Group marker carrier; gray

1.2.6.2 Marker

Item No.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	**Item No.: 2009-145/000-007** Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	**Item No.: 2009-145/000-023** Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	**Item No.: 2009-145/000-012** Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange
Item No.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	**Item No.: 2009-145/000-024** Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	**Item No.: 2009-145** Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white	**Item No.: 2009-145/000-002** Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow
Item No.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue	**Item No.: 248-501/000-007** Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray	**Item No.: 248-501/000-023** Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green	**Item No.: 248-501/000-017** Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green
Item No.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange	**Item No.: 248-501/000-005** Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red	**Item No.: 248-501/000-024** Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet	**Item No.: 248-501** Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white

1.2.6.2 Marker

Item No.: 248-501/000-002
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

Item No.: 793-5501/000-006
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue

Item No.: 793-5501/000-014
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown

Item No.: 793-5501/000-007
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray

Item No.: 793-5501/000-023
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item No.: 793-5501/000-017
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green

Item No.: 793-5501/000-012
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange

Item No.: 793-5501/000-005
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red

Item No.: 793-5501/000-024
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet

Item No.: 793-5501
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 793-5501/000-002
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

Item No.: 793-501/000-006
WMB marking card; as card; not stretchable; plain; snap-on type; blue

Item No.: 793-501/000-007
WMB marking card; as card; not stretchable; plain; snap-on type; gray

Item No.: 793-501/000-023
WMB marking card; as card; not stretchable; plain; snap-on type; green

Item No.: 793-501/000-017
WMB marking card; as card; not stretchable; plain; snap-on type; light green

Item No.: 793-501/000-012
WMB marking card; as card; not stretchable; plain; snap-on type; orange

Item No.: 793-501/000-005
WMB marking card; as card; not stretchable; plain; snap-on type; red

Item No.: 793-501/000-024
WMB marking card; as card; not stretchable; plain; snap-on type; violet

Item No.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white

Item No.: 793-501/000-002
WMB marking card; as card; not stretchable; plain; snap-on type; yellow

Item No.: 2009-115/000-006
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

Item No.: 2009-115/000-007
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

Item No.: 2009-115/000-023
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item No.: 2009-115/000-017
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green

Item No.: 2009-115/000-012
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

Item No.: 2009-115/000-005
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

Item No.: 2009-115/000-024
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item No.: 2009-115/000-002
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.2.6.3 Marker carrier

Item No.: 2009-198
Adaptor; gray

1.2.6.4 Marking strip

Item No.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.2.7 Protective warning marker

1.2.7.1 Cover

Item No.: 2004-115
Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.2.8 Screwless end stop

1.2.8.1 Mounting accessories

Item No.: 249-117
Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

Item No.: 249-116
Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.2.9 Test and measurement

1.2.9.1 Testing accessories

Item No.: 2004-511
Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 4,00 mm²; gray

Item No.: 2004-552
Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 4,00 mm²; gray

Item No.: 2004-553
Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 4,00 mm²; gray

Item No.: 2004-554
Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 4,00 mm²; gray

Item No.: 2004-555
Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 4,00 mm²; gray

Item No.: 2004-549
Spacer module; modular; e.g., for bridging commoned terminal blocks; gray

Item No.: 2009-174
Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray

Item No.: 2009-182
Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

1.2.10 Tool

1.2.10.1 Operating tool

Item No.: 210-658
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured

Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

Conductor termination
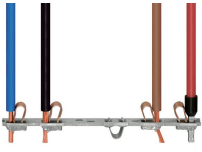
All conductor types at a glance
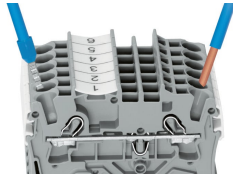
Push-in termination of solid and ferruled conductors
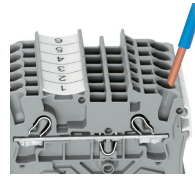
Inserting a conductor via push-in termination:
Solid conductors with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.
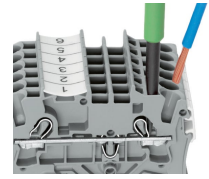
Inserting a conductor via operating tool:
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.
Advantage:
To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.
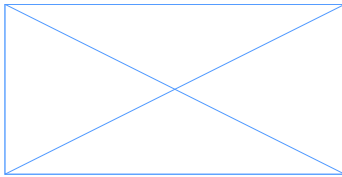
Conductor termination – insulation stop

Commoning
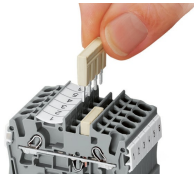
Insert push-in type jumper bar and push down until it hits backstop.
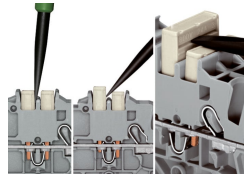
Removing a push-in type jumper bar:
Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.
Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.
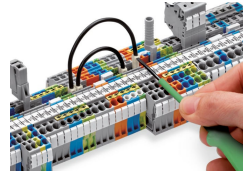
Commoning
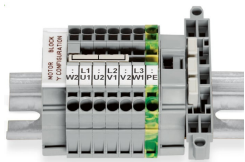
This star point jumper has been specially developed to create a "star point" and is used on motor terminal boards equipped with Rail-Mount Terminal Blocks TOPJOB® S.
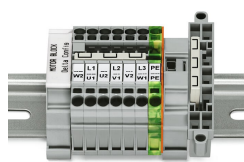
This delta jumper has been specially developed to create a delta configuration and is used on motor terminal boards equipped with rail-mount terminal blocks TOPJOB® S.
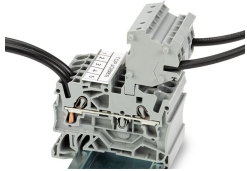
Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.
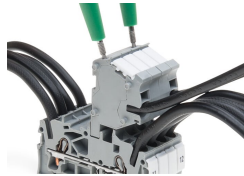
These diode terminal blocks have been specially developed for custom diode circuits, such as lamp test and collective fault signal circuits.
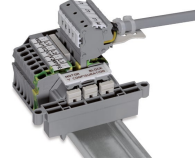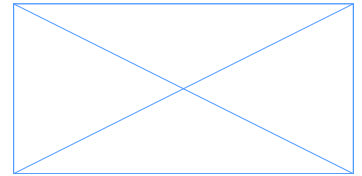
Testing

The modular TOPJOB® S connectors also connect conductors of the same size as the terminal blocks being used.

TOPJOB® S Connectors with a 2 mm Ø test socket for testing voltage via 2-pole voltage tester

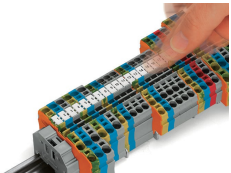Rail-mount terminal block assembly for electric motor wiring

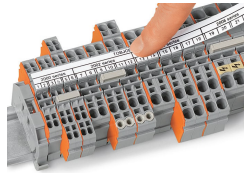Test plug adapter (2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series

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

Marking

Snapping WMB Inline markers into marker slots.

Open diode gates can be created using the following terminal blocks:
2004-1211/1000-400 or
2004-1211/1000-401

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at:: www.wago.com