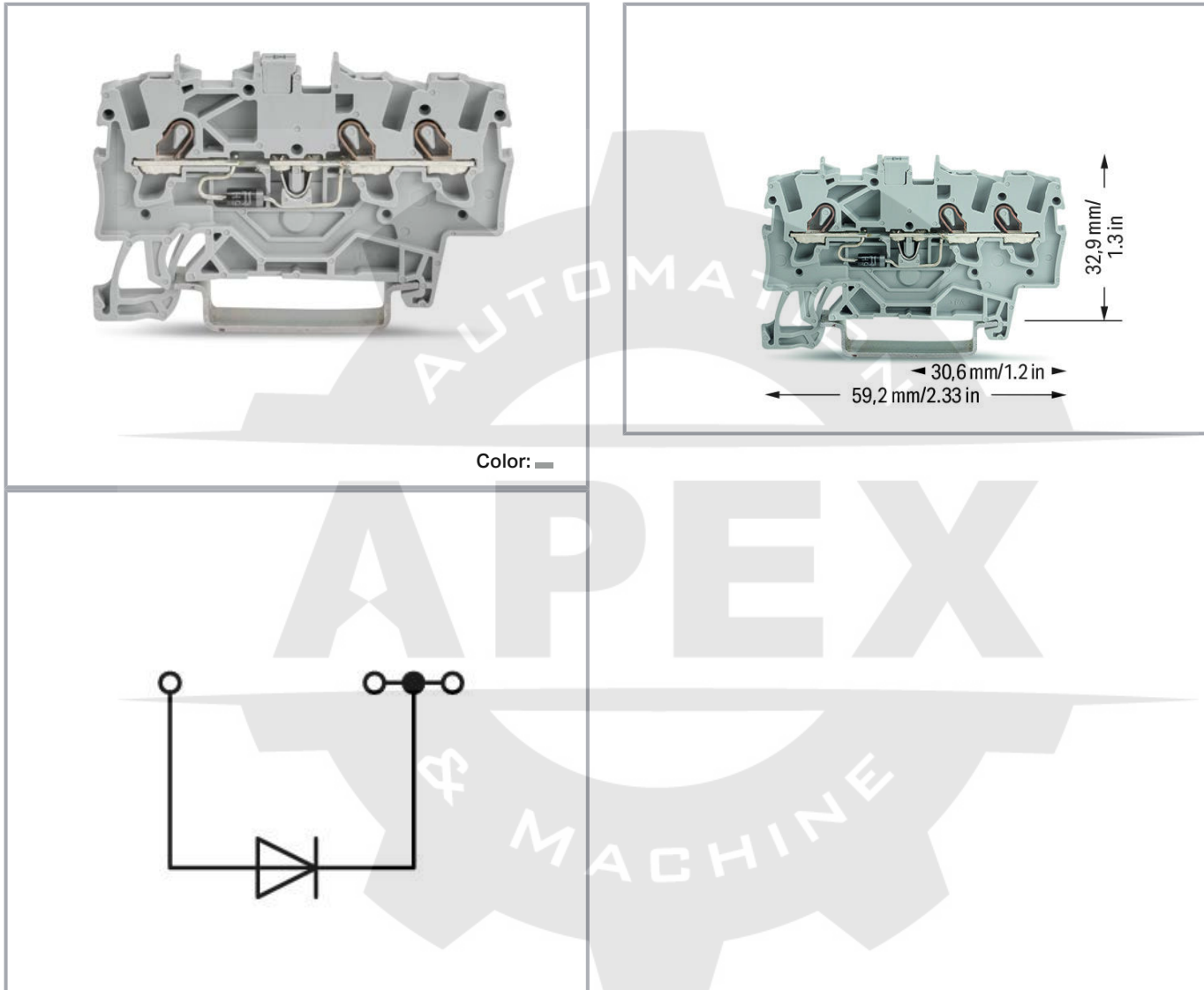


Data sheet | Item number: 2001-1311/1000-410

Diode terminal block; 1N4007 (PN); rail mount; 3-conductor; 4.2 mm wide;
gray

www.wago.com/2001-1311_1000-410



Data

Electrical data

Nominal voltage	250 V
Reverse voltage	1,000 V

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

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IEC Approvals

Ratings per	IEC/EN 60947-7-1
Rated current	0.5 A

UL Approvals

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	15 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-in Open Tool Slot
Connectable conductor materials	Copper
Nominal cross-section	1.5 mm ²
Solid conductor	0.25 ... 2.5 mm ² / 22 ... 14 AWG
Solid conductor; push-in termination	0.75 ... 2.5 mm ² / 18 ... 14 AWG
Fine-stranded conductor	0.25 ... 2.5 mm ² / 22 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 1.5 mm ² / 22 ... 16 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.75 ... 1.5 mm ² / 18 ... 16 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	9 ... 11 mm / 0.35 ... 0.43 inch
Total number of connection points	3
Total number of potentials	1
Number of levels	1
Wiring direction	Front-entry wiring
Number of jumper slots	1

Physical data

Width	4.2 mm / 0.165 inch
Height	59.2 mm / 2.33 inch
Depth from upper edge of DIN-rail	32.9 mm / 1.295 inch

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Mechanical data

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

Material data

Color	gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.019 MJ
Weight	5 g

Commercial data

Product Group	22 (TOPJOB S)
Packaging type	BOX
Country of origin	CN
GTIN	4045454537562
Customs tariff number	8536904000

Required accessories

End plates

	Item no.: 2002-1391 TOPJOB®S end/intermediate plate; for 2002-13xx series terminal blocks; 0.8 mm wide; gray	www.wago.com/2002-1391
	Item no.: 2002-1392 TOPJOB®S end/intermediate plate; for 2002-13xx series terminal blocks; 0.8 mm wide; orange	www.wago.com/2002-1392

Optional accessories

Insulations stops

	Item no.: 2001-171 TOPJOB®S insulation stop; for 2001 series terminal blocks; 0.25 - 0.5 mm2; 5/strip; light gray	www.wago.com/2001-171
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Jumpers

	Item no.: 2001-402 TOPJOB®S jumper; for 2001 series; insulated; 2-way; light-gray	www.wago.com/2001-402
	Item no.: 2001-403 TOPJOB®S jumper; for 2001 series; insulated; 3-way; light-gray	www.wago.com/2001-403

Item no.: 2001-404

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



TOPJOB®S jumper; for 2001 series; insulated; 4-way; light-gray

www.wago.com/2001-404**Item no.: 2001-405**

TOPJOB®S jumper; for 2001 series; insulated; 5-way; light-gray

www.wago.com/2001-405**Item no.: 2001-405/011-000**

TOPJOB®S jumper; Wye configuration; for 2001 series; insulated; 3-way (1-3-5); light-gray

www.wago.com/2001-405/011-000**Item no.: 2001-406**

TOPJOB®S jumper; for 2001 series; insulated; 6-way; light-gray

www.wago.com/2001-406**Item no.: 2001-406/020-000**

TOPJOB®S jumper; Delta configuration; for 2001 series; insulated; 6-way (1-2, 3-4, 5-6); light-gray

www.wago.com/2001-406/020-000**Item no.: 2001-407**

TOPJOB®S jumper; for 2001 series; insulated; 7-way; light-gray

www.wago.com/2001-407**Item no.: 2001-408**

TOPJOB®S jumper; for 2001 series; insulated; 8-way; light-gray

www.wago.com/2001-408**Item no.: 2001-409**

TOPJOB®S jumper; for 2001 series; insulated; 9-way; light-gray

www.wago.com/2001-409**Item no.: 2001-410**

TOPJOB®S jumper; for 2001 series; insulated; 10-way; light-gray

www.wago.com/2001-410**Item no.: 2001-433**

TOPJOB®S jumper; for 2001 series; insulated; 2-way (1-3); light-gray

www.wago.com/2001-433**Item no.: 2001-434**

TOPJOB®S jumper; for 2001 series; insulated; 2-way (1-4); light-gray

www.wago.com/2001-434**Item no.: 2001-435**

TOPJOB®S jumper; for 2001 series; insulated; 2-way (1-5); light-gray

www.wago.com/2001-435**Item no.: 2001-436**

TOPJOB®S jumper; for 2001 series; insulated; 2-way (1-6); light-gray

www.wago.com/2001-436**Item no.: 2001-437**

TOPJOB®S jumper; for 2001 series; insulated; 2-way (1-7); light-gray

www.wago.com/2001-437**Item no.: 2001-438**

TOPJOB®S jumper; for 2001 series; insulated; 2-way (1-8); light-gray

www.wago.com/2001-438**Item no.: 2001-439**

TOPJOB®S jumper; for 2001 series; insulated; 2-way (1-9); light-gray

www.wago.com/2001-439**Item no.: 2001-440**

TOPJOB®S jumper; for 2001 series; insulated; 2-way (1-10); light-gray

www.wago.com/2001-440**Item no.: 210-103**www.wago.com/210-103

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Wire commoning chain; insulated; black

Item no.: 210-123

Wire commoning chain; insulated; blue

www.wago.com/210-123**Protective warning marker****Item no.: 2001-115**

TOPJOB®S protective warning marker; with high-voltage symbol, for 2001 series terminal blocks; for 5 terminal blocks

www.wago.com/2001-115**Marking accessories****Item no.: 2009-110**

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

www.wago.com/2009-110**Item no.: 2009-114**

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white

www.wago.com/2009-114**Item no.: 2009-114/000-002**

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; yellow

www.wago.com/2009-114/000-002**Item no.: 2009-114/000-005**

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; red

www.wago.com/2009-114/000-005**Item no.: 2009-114/000-006**

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; blue

www.wago.com/2009-114/000-006**Item no.: 2009-114/000-007**

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; gray

www.wago.com/2009-114/000-007**Item no.: 2009-114/000-012**

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; orange

www.wago.com/2009-114/000-012**Item no.: 2009-114/000-023**

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green

www.wago.com/2009-114/000-023**Item no.: 2009-114/000-024**

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; violet

www.wago.com/2009-114/000-024**Item no.: 793-4501**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white

www.wago.com/793-4501**Item no.: 793-4501/000-002**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; yellow

www.wago.com/793-4501/000-002**Item no.: 793-4501/000-005**

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; red

www.wago.com/793-4501/000-005

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	Item no.: 793-4501/000-006 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; blue	www.wago.com/793-4501/000-006
	Item no.: 793-4501/000-007 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; gray	www.wago.com/793-4501/000-007
	Item no.: 793-4501/000-012 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; orange	www.wago.com/793-4501/000-012
	Item no.: 793-4501/000-017 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; green	www.wago.com/793-4501/000-017
	Item no.: 793-4501/000-023 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; light green	www.wago.com/793-4501/000-023
	Item no.: 793-4501/000-024 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; violet	www.wago.com/793-4501/000-024
	Item no.: 793-501 WMB marking card; as card; not stretchable; plain; snap-on type; white	www.wago.com/793-501
	Item no.: 793-501/000-002 WMB marking card; as card; not stretchable; plain; snap-on type; yellow	www.wago.com/793-501/000-002
	Item no.: 793-501/000-005 WMB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/793-501/000-005
	Item no.: 793-501/000-006 WMB marking card; as card; not stretchable; plain; snap-on type; blue	www.wago.com/793-501/000-006
	Item no.: 793-501/000-007 WMB marking card; as card; not stretchable; plain; snap-on type; gray	www.wago.com/793-501/000-007
	Item no.: 793-501/000-012 WMB marking card; as card; not stretchable; plain; snap-on type; orange	www.wago.com/793-501/000-012
	Item no.: 793-501/000-017 WMB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/793-501/000-017

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**Item no.: 793-501/000-023**

WMB marking card; as card; not stretchable; plain; snap-on type; green

www.wago.com/793-501/000-023**Item no.: 793-501/000-024**

WMB marking card; as card; not stretchable; plain; snap-on type; violet

www.wago.com/793-501/000-024**Push-in type wire jumper****Item no.: 2009-412**TOPJOB®S wire jumper; insulated; 60 mm long; conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; graywww.wago.com/2009-412**Item no.: 2009-414**TOPJOB®S wire jumper; insulated; 110 mm long; conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; graywww.wago.com/2009-414**Item no.: 2009-414/000-005**Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; blackwww.wago.com/2009-414/000-005**Item no.: 2009-414/000-006**

Push-in type wire jumper; insulated; 110 mm long; black

www.wago.com/2009-414/000-006**Item no.: 2009-416**TOPJOB®S wire jumper; insulated; 250 mm long; conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; graywww.wago.com/2009-416**Testing accessories****Item no.: 2001-511**

TOPJOB® S modular connector; for 2001 series; for jumper contact slot; 1-pole; gray

www.wago.com/2001-511**Item no.: 2001-549**

TOPJOB®S spacer module; for 2001-511; 4.2 mm wide; gray

www.wago.com/2001-549**Item no.: 2001-552**

TOPJOB® S connector strip; for 2001 series; for jumper contact slot; 2-pole; gray

www.wago.com/2001-552**Item no.: 2001-553**

TOPJOB® S connector strip; for 2001 series; for jumper contact slot; 3-pole; gray

www.wago.com/2001-553**Item no.: 2001-554**

TOPJOB® S connector strip; for 2001 series; for jumper contact slot; 4-pole; gray

www.wago.com/2001-554**Item no.: 2001-555**

TOPJOB® S connector strip; for 2001 series; for jumper contact slot; 5-pole; gray

www.wago.com/2001-555**Item no.: 2001-556**

TOPJOB® S connector strip; for 2001 series; for jumper contact slot; 6-pole; gray

www.wago.com/2001-556**Item no.: 2001-557**

TOPJOB® S connector strip; for 2001 series; for jumper contact slot; 7-pole; gray

www.wago.com/2001-557**Item no.: 2001-558**

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



TOPJOB® S connector strip; for 2001 series; for jumper contact slot; 8-pole; gray

www.wago.com/2001-558**Item no.: 2001-559**

TOPJOB® S connector strip; for 2001 series; for jumper contact slot; 9-pole; gray

www.wago.com/2001-559**Item no.: 2001-560**

TOPJOB® S connector strip; for 2001 series; for jumper contact slot; 10-pole; gray

www.wago.com/2001-560**Item no.: 2009-174**

TOPJOB®S test plug adapter; for test plug 4 mm Ø; for testing TOPJOB®S terminal blocks; gray

www.wago.com/2009-174**Item no.: 2009-182**

TOPJOB®S testing tap; tool-free; 12 AWG max; for testing TOPJOB®S terminal blocks; gray

www.wago.com/2009-182**Carrier rail****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 www.wago.com/210-112**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

www.wago.com/210-113**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

www.wago.com/210-114**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 www.wago.com/210-115**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

www.wago.com/210-118**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

www.wago.com/210-196**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

www.wago.com/210-197**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

www.wago.com/210-198**End plates****Item no.: 2002-1393**

TOPJOB®S end/intermediate plate; for 2002-13xx series terminal blocks; 2.0 mm wide; gray

www.wago.com/2002-1393**Item no.: 2002-1394**

TOPJOB®S end/intermediate plate; for 2002-13xx series terminal blocks; 2.0 mm wide; orange

www.wago.com/2002-1394**Ferrules****Item no.: 216-241**Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; whitewww.wago.com/216-241**Item no.: 216-242**

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



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

www.wago.com/216-242



Item no.: 216-243

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red

www.wago.com/216-243



Item no.: 216-244

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

www.wago.com/216-244

Tools



Item no.: 210-647

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-647



Item no.: 210-648

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short

www.wago.com/210-648



Item no.: 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

www.wago.com/210-719

Downloads

Documentation

Bid Text

2001-1311/1000-410 X81 - Datei	Feb 19, 2019	xml 3.8 kB	Download
2001-1311/1000-410 docx - Datei	Aug 2, 2018	docx 15.3 kB	Download

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.2 MB	Download
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CAD files

CAD data

2D/3D Models 2001-1311/1000-410	URL	Download
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CAE data

EPLAN Data Portal 2001-1311/1000-410	URL	Download
WSCAD Universe 2001-1311/1000-410	URL	Download

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ZUKEN Portal 2001-1311/1000-410	URL	Download
EPLAN Data Portal 2001-1311/1000-410	URL	Download
WSCAD Universe 2001-1311/1000-410	URL	Download

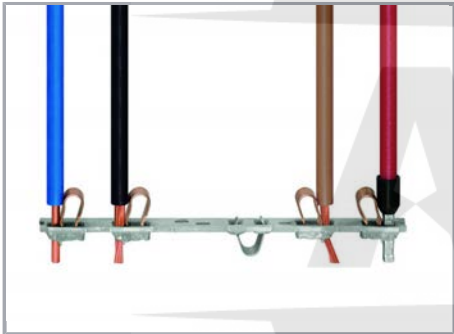
Environmental Product Compliance

Compliance Search

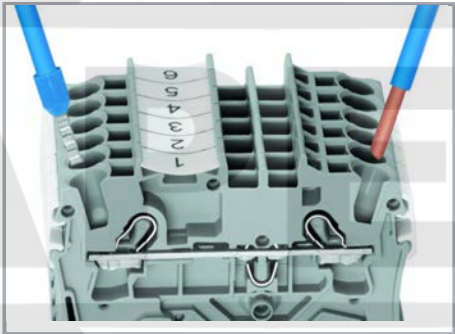
Environmental Product Compliance 2001-1311/1000-410	URL	Download
Component terminal block; 3-conductor; with diode 1N4007; anode, left side; for DIN-rail 35 x 15 and 35 x 7.5; 1.5 mm ² ; Push-in CAGE CLAMP®; 1,50 mm ² ; gray		

Installation Notes

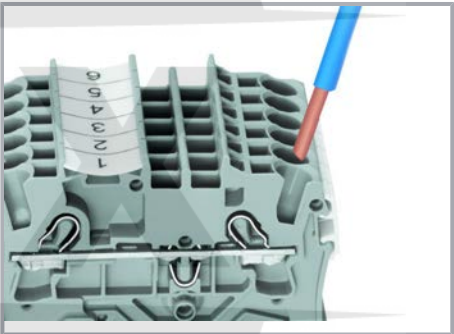
Conductor termination



All conductor types at a glance



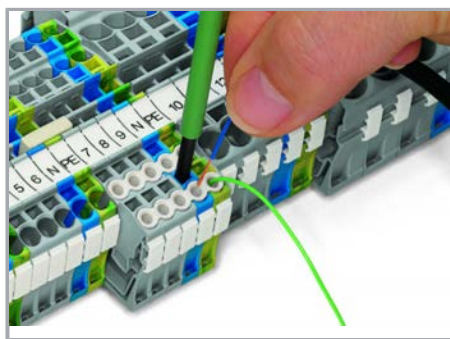
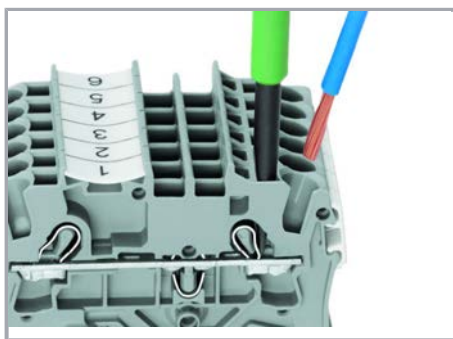
Push-in termination of solid and ferruled conductors



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.

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



Inserting a conductor via operating tool:

Conductor termination – insulation stop

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:

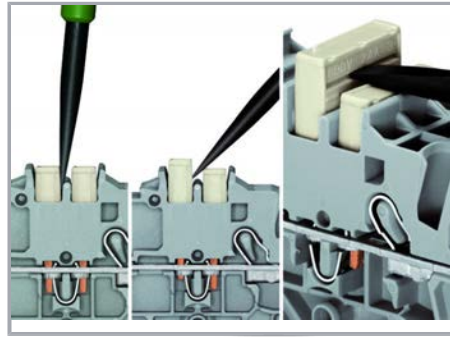
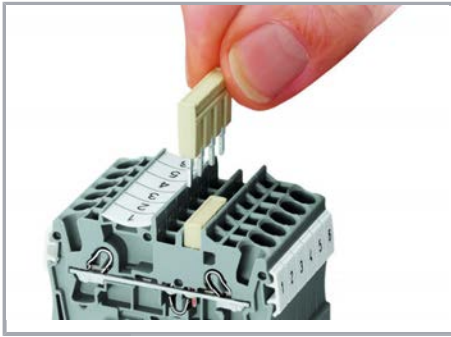
To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.

Commoning

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

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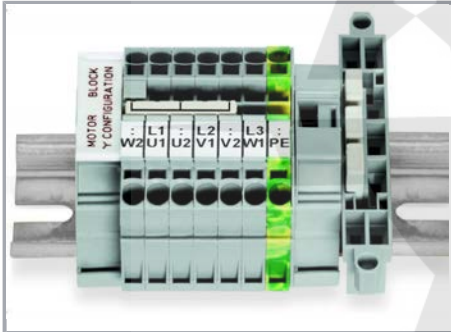
The push-in type jumper bar system is based on the common plug and socket principle. Each terminal block is spring-loaded with a double socket and a resilient CrNi steel spring. The jumper contact material is pure electrolytic copper, which allows for an extremely small design capable of carrying the full-rated current of the terminal block. Ground terminal blocks can also be commoned using the same jumper system. Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).

Removing a push-in type jumper bar:

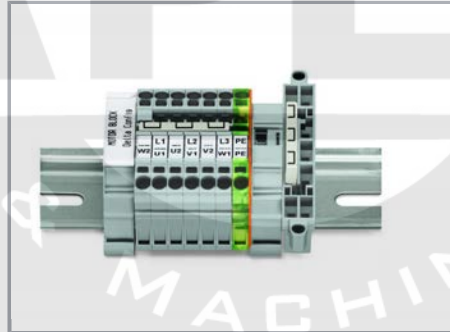
Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.

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.

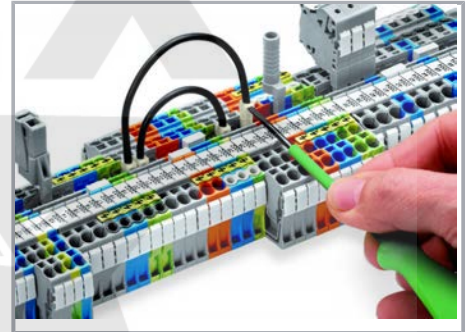
Commoning



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



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.



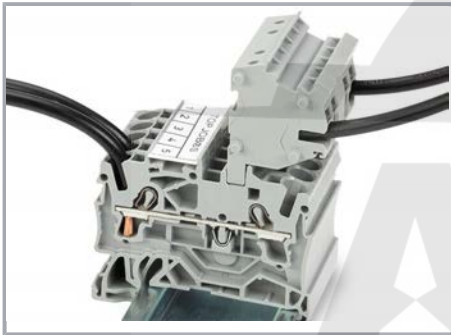
Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.

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



These diode terminal blocks have been specially developed for custom diode circuits, such as lamp test and collective fault signal circuits.

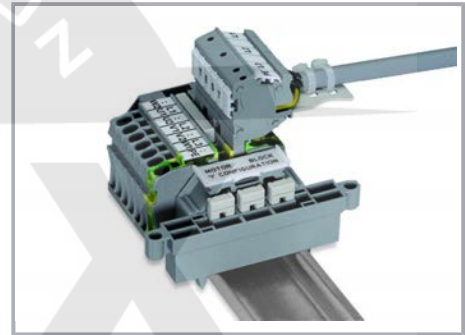
Testing



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

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

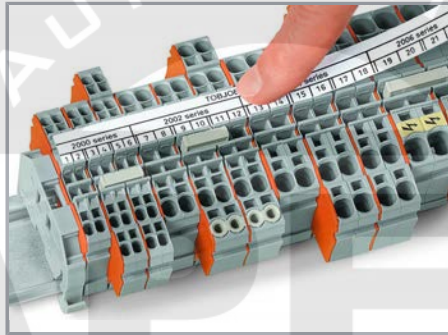
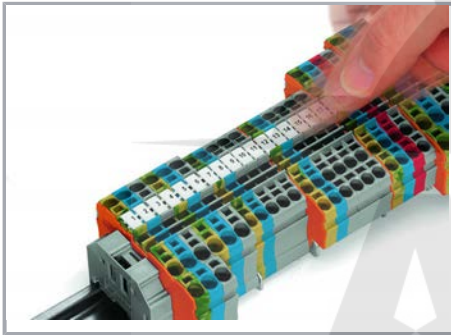


Test plug adapter (2009-174, CAT II) for 4 mm Ø plugs – compatible with 2000 to 2016 Series



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

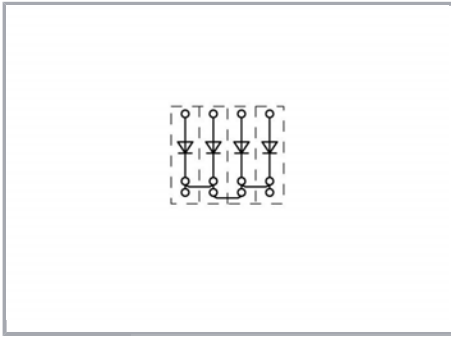


Snapping WMB Inline markers into marker slots.

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

WAGO Corporation
Germantown, WI 53022
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Polarized diode gates with a common cathode can be created using the following terminal blocks:

2001-1311/1000-410 or 2001-1311/1000-411

Product family

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