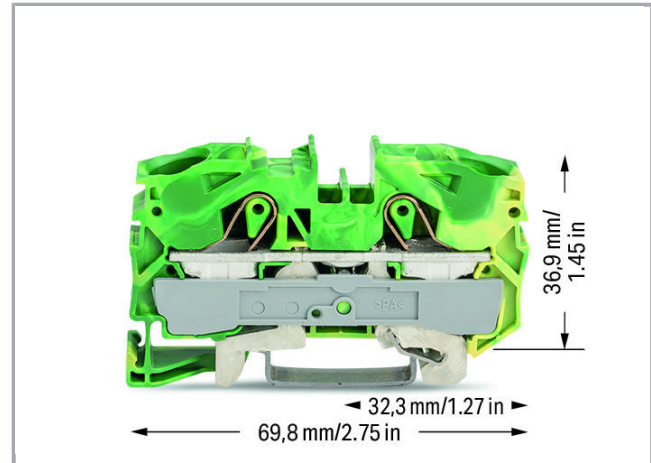


Data sheet | Item number: 2016-1207

2-conductor ground terminal block; 16 mm²; suitable for Ex e II applications;
side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE
CLAMP®; 16,00 mm²; green-yellow

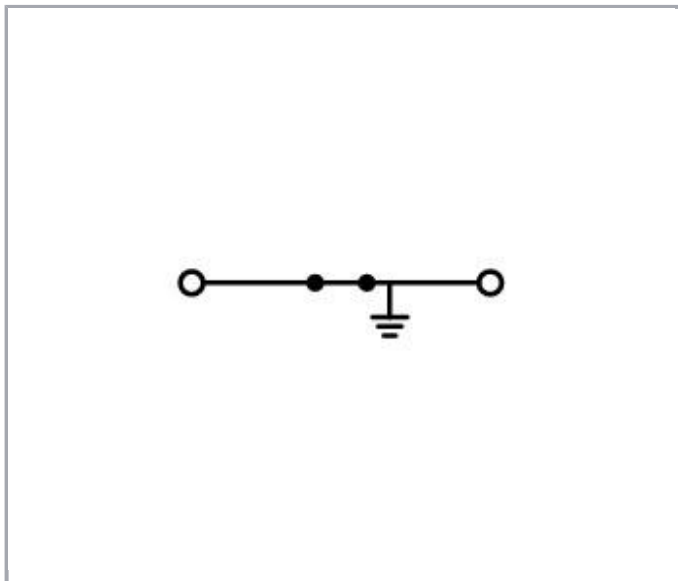
www.wago.com/2016-1207



RoHS
Compliant

BOMcheck.net

Color:



Item description

Safety information 1:

Subject to changes.

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at 01788 568 008.



15 mm high DIN-35 rails shall be used for a current load higher than 76 A!

Data

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-in Open Tool Slot
Connectable conductor materials	Copper
Nominal cross section	16 mm²
Solid conductor	0.5 ... 16 mm² / 20 ... 6 AWG
Solid conductor, push-in termination	6 ... 16 mm² / 14 ... 6 AWG
Fine-stranded conductor	0.5 ... 25 mm² / 20 ... 4 AWG
Fine-stranded conductor with ferrule with plastic collar	6 ... 16 mm² / 10 ... 6 AWG
Fine-stranded conductor with ferrule, push-in termination, from	6 ... 16 mm² / 10 ... 6 AWG
Strip length	18 ... 20 mm / 0.71 ... 0.79 inch
Total number of connection points	2
Total number of potentials	1
Number of levels	1
Type of wiring	Front-entry wiring
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.
Number of jumper slots	2

Geometrical Data

Width	12 mm / 0.472 inch
Height from upper-edge of DIN-35 rail	36.9 mm / 1.453 inch
Depth	69.8 mm / 2.748 inch

Mechanical data

Design	horizontal
Type of mounting	DIN-35 rail
Marking level	Center/side marking

Material Data

Color	green-yellow
Insulating material	Polyamide 66 (PA 66)

Subject to changes.

Fire load	0.28 MJ
Weight	38.5 g

Commercial data

Product Group	22 (TOPJOB S)
Packaging type	BOX
Country of origin	DE
GTIN	4017332076654
Customs Tariff No.	85369010000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	AEx UL International Germany GmbH c/o Physikalisch Technische Bundesanstalt	UL 60079	E185892 sec.9
	ATEx Physikalisch Technische Bundesanstalt (PTB)	EN 60079	PTB 05 ATEX 1031 U (II 2 G Ex elI bzw. I M2 Ex el)
	IECEx Physikalisch Technische Bundesanstalt (PTB)	IEC 60079	IECEx PTB 05.0015 U

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	2172580.01
	CCA DEKRA Certification B.V.	EN 60947	NTR NL- 7294
	CSA DEKRA Certification B.V.	C22.2 No. 158	1579112

Subject to changes.

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Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	14- HG1293677- PDA
	BV Bureau Veritas S.A.	EN 60947	38586/A0
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	EN 60947	91/20112 (E9)

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1059	E45172

Downloads

Documentation

Additional Information

Technical explanations	03.04.2019	pdf 2.1 MB	Download
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CAD/CAE-Data

CAD data

Subject to changes.

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2D/3D Models 2016-1207

[URL](#)

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CAE data

EPLAN Data Portal 2016-1207

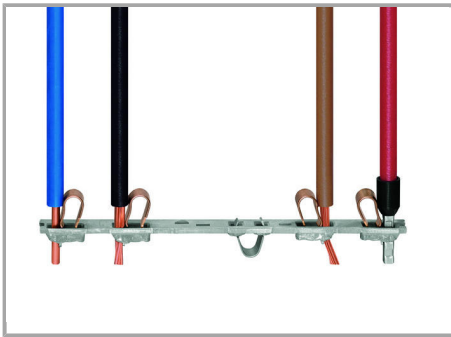
[Download](#)

WSCAD Universe 2016-1207

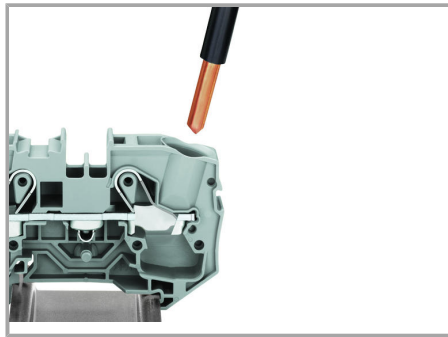
[Download](#)

Installation Notes

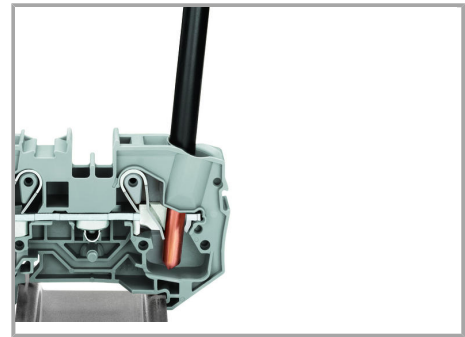
Inserting a conductor



All conductor types at a glance

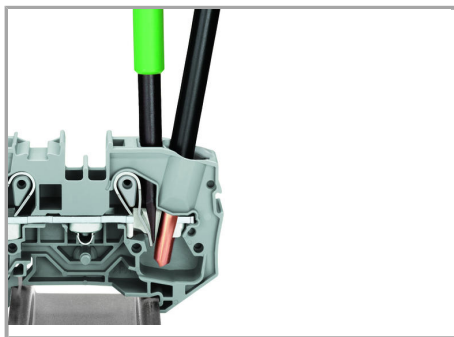


Inserting conductors via push-in termination.



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.

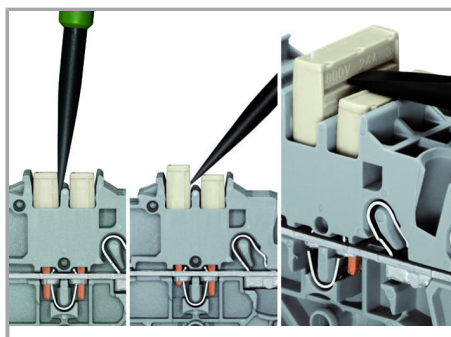
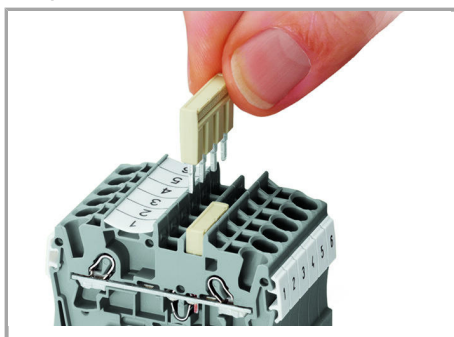
Subject to changes.



Removing a conductor.

Conductor removal is performed with an operating tool, just like CAGE CLAMP®.

Jumpered



Removing a push-in type jumper bar.

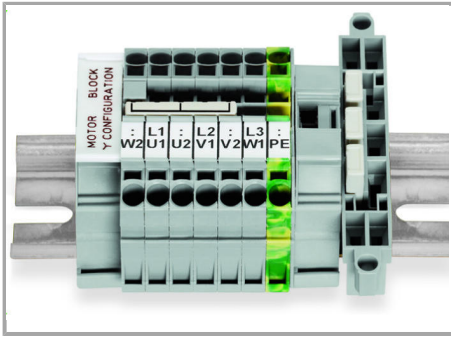
The push-in type jumper bar system is based on the common plug and socket principle. Each terminal block is spring-loaded with a double socket and a resilient CrNi steel spring. The jumper contact material is pure electrolytic copper, which allows for an extremely small design capable of carrying the 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).

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

Place the operating tool in the center of jumpers up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

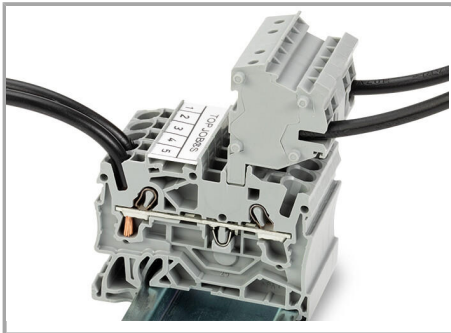
Jumpered

Subject to changes.

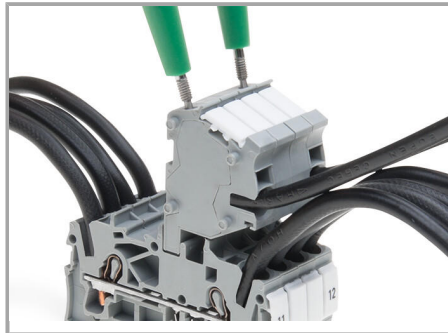


This star point jumper has been specially developed to create a "star point" and is used on motor terminal boards equipped with TOPJOB® S rail-mount terminal blocks.

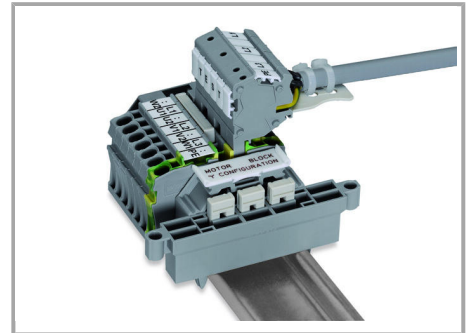
Testing



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

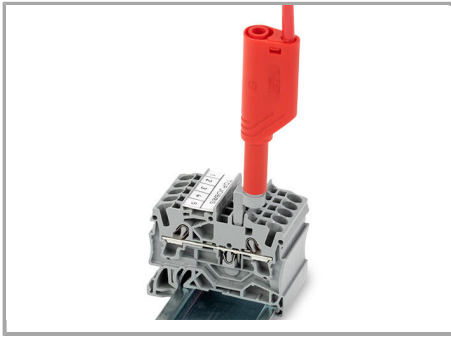


TOPJOB® S Connectors with a 2 mm Ø test socket for testing voltage via 2-pole voltage tester

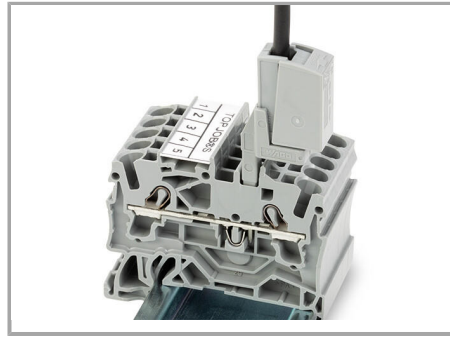


Rail-mount terminal block assembly for electric motor wiring

Subject to changes.

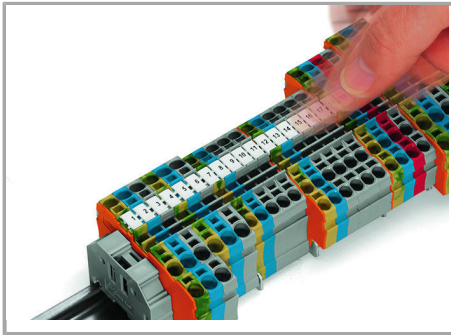


Test plug adapter (2009-174, CAT II) for 4 mm Ø plugs – compatible with 2000 to 2016 Series

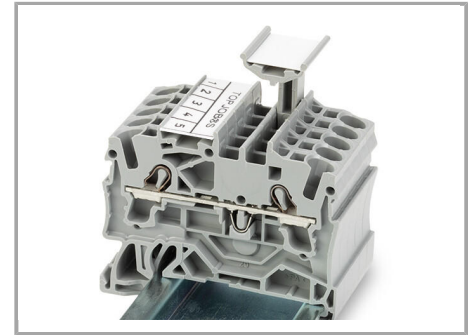
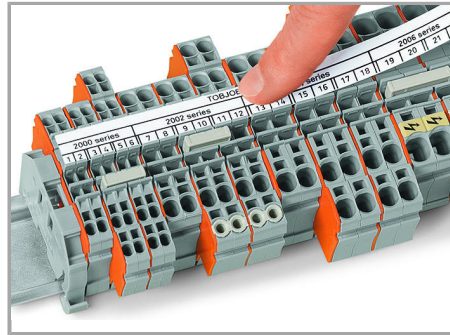


Testing tap (2009-182) for tool-free connection of test cables up to 2.5 mm² (12 AWG) – compatible with 2000 to 2016 Series

Marking



Snapping WMB Inline markers into marker slots.



TOPJOB® S 2009-193 Group Marker Carrier (equipped with a marking strip) for all 2001 to 2016 Series TOPJOB® S Rail-Mount Terminal Blocks

Do not use on an end plate!

Subject to changes.