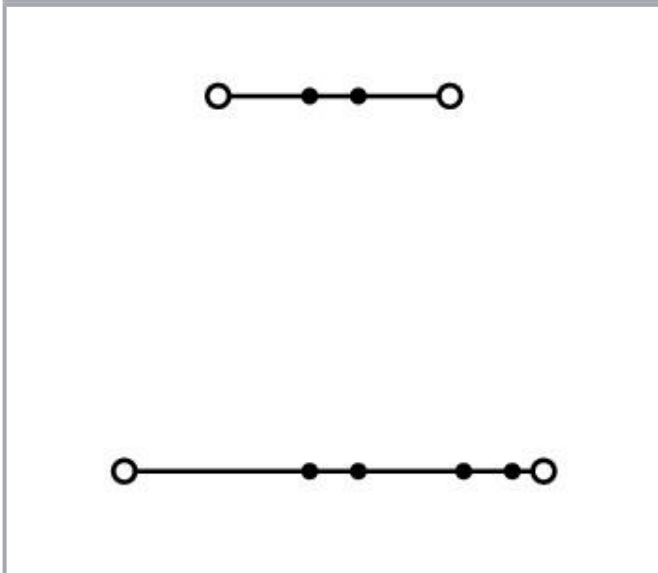
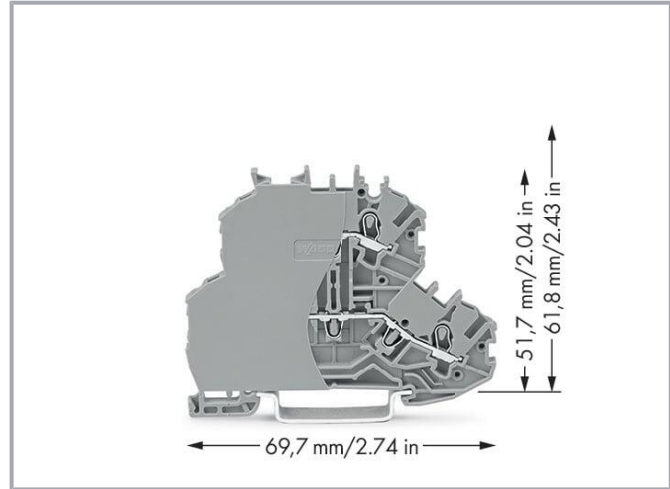
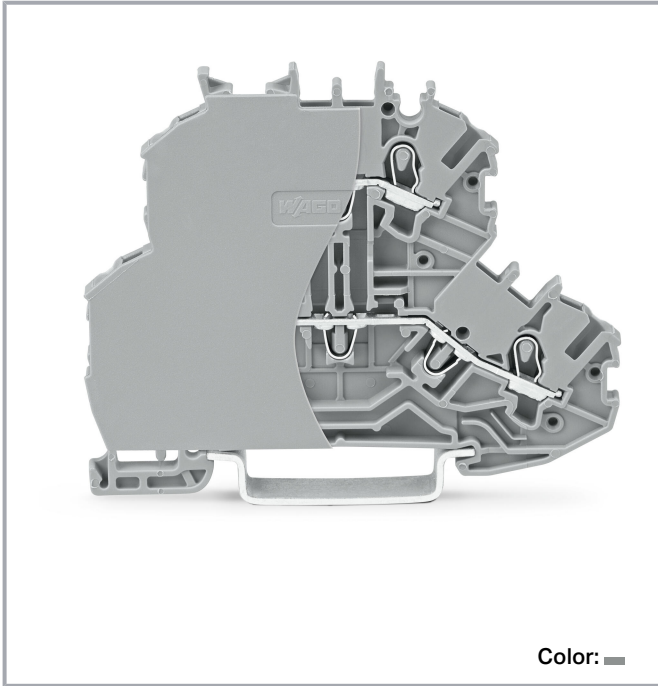


Data sheet | Item number: 2000-2201/099-000

Double-deck terminal block; Through/through terminal block; with end plate; L/L; without marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 1,00 mm²; gray

www.wago.com/2000-2201/099-000



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

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Data

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	800 V
Rated impulse voltage (III/3)	8 kV
Rated current	13.5 A
Current at conductor cross-section (max.) mm ²	16 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Ratings per UL 1059

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

Ratings per CSA

Approvals per	CSA 22.2 No 158
Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	10 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	10 A

Ex information

Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications"
Ratings per	ATEX: PTB 11 ATEX 1041 U / IECEx: PTB 11.0093U (Ex eb IIC Gb)
Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	13 A
Rated current (Ex e II) with jumper	12 A

Power loss

Power loss, per pole (potential)	0.434 W
----------------------------------	---------

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



Rated current I_N for specified power loss	13.5 A
Resistance value for specified, current-dependent power loss	0.002 Ω

Connection data

Connection points	4
Total number of potentials	2
Number of levels	2
Number of jumper slots	4
Anzahl Brückeraufnahmen Rang	1

Connection 1

Connection technology	Push-in CAGE CLAMP [®]
Number of connection points	2
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	1 mm ²
Solid conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Solid conductor; push-in termination	0.5 ... 1.5 mm ² / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.14 ... 0.75 mm ² / 24 ... 18 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 ... 0.75 mm ² / 20 ... 18 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 inches
Wiring direction	Front-entry wiring

Connection 2

Number of connection points 2	2
-------------------------------	---

Physical data

Width	4.2 mm / 0.165 inches
Height	69.7 mm / 2.744 inches
Depth from upper-edge of DIN-rail	51.7 mm / 2.035 inches

Mechanical Data

Potential marking	L/L
-------------------	-----

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



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	0.216 MJ
Weight	9.5 g

Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

Commercial data

Product Group	22 (TOPJOB S)
eCl@ss 10.0	27-14-11-20
eCl@ss 9.0	27-14-11-20
ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	50 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821037231
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA	EN 60947	NTR NL 7962

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



DEKRA Certification B.V.



CCC
CNEX

GB/T 3836.3

2020312313000182
(Ex eb IIC Gb, Ex eb I Mb)



KEMA/KEUR
DEKRA Certification B.V.

EN 60947

71-125928



UL
Underwriters Laboratories Inc.



UL 1059

E45172

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	Railway WAGO GmbH & Co. KG	-	Railway Ready
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for hazardous areas

Logo	Approval	Additional Approval Text	Certificate name
	AEx Underwriters Laboratories Inc.	UL 60079	E185892 (AEx eb IIC resp. Ex eb IIC)
	ATEX Physikalisch Technische Bundesanstalt	EN 60079	PTB 11 ATEX 1041 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb)
	CCC	GB/T 3836.3	2020312313000182

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CNEX

(Ex eb IIC Gb, Ex eb I Mb)



EAC

Brjansker Zertifizierungsstelle

TP TC 012/2011

RU C-DE.AM02.B.
00127/19 (Ex e IIC
Gb U)

IECEX

Physikalisch Technische Bundesanstalt




IEC 60079

IECEX PTB 11.0093U
(Ex e IIC Gb or Ex e I Mb)

Optional accessories



Ferrule

Ferrule

	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	www.wago.com/216-241
	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 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 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	www.wago.com/216-243


Testing and measuring

Testing accessories


	Item no.: 2009-174 Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray	www.wago.com/2009-174
	Item no.: 2009-182 Testing tap; for max. 2.5 mm ² ; tool-free connection for individual test wires 0.08 - 2.5 mm; gray	www.wago.com/2009-182

Marking accessories

Marking strip

	Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110
--	--	--

Marker carrier

	Item no.: 2000-121 Adaptor; gray	www.wago.com/2000-121
--	--	--

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

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Marker

	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.: 2009-114/000-007 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.: 2009-114/000-023 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.: 2009-114/000-006 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.: 2009-114/000-024 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.: 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 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.: 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.: 793-4501/000-006 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; blue	www.wago.com/793-4501/000-006
	Item no.: 793-4501/000-014 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; brown	www.wago.com/793-4501/000-014
	Item no.: 793-4501 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white	www.wago.com/793-4501

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



Item no.: 793-4501/000-023

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; 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.: 793-4501/000-005

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

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



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; light green

www.wago.com/793-4501/000-017

Carrier rail

Mounting accessories



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



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.: 210-118

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.: 210-112

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.: 210-114

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

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

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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.: 210-196

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

Mounting

Cover carrier



Item no.: 709-169

Cover carrier; Type 3; gray

www.wago.com/709-169

Cover



Item no.: 709-156

Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

www.wago.com/709-156

Protective warning marker

Cover



Item no.: 2001-115

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

www.wago.com/2001-115

Push-in type wire jumper

Jumper



Item no.: 2009-404

Push-in type wire jumper; 0.75 mm²; insulated; 110 mm long; gray

www.wago.com/2009-404



Item no.: 2009-402

Push-in type wire jumper; 0.75 mm²; insulated; 60 mm long; gray

www.wago.com/2009-402



Item no.: 2009-406

Push-in type wire jumper; 0.75 mm²; insulated; 250 mm long; gray

www.wago.com/2009-406

Tool

Operating tool



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.: 210-647

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

www.wago.com/210-647



Item no.: 210-719

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

www.wago.com/210-719

Jumpers

Jumper

Item no.: 210-123

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

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	Wire commoning chain; insulated; blue	www.wago.com/210-123
	Item no.: 2000-492 Vertical jumper; insulated; light gray	www.wago.com/2000-492
	Item no.: 2001-402 Jumper; 2-way; insulated; light gray	www.wago.com/2001-402
	Item no.: 2001-403 Jumper; 3-way; insulated; light gray	www.wago.com/2001-403
	Item no.: 2001-405 Jumper; 5-way; insulated; light gray	www.wago.com/2001-405
	Item no.: 2001-406/020-000 Delta jumper; insulated; light gray	www.wago.com/2001-406/020-000
	Item no.: 2001-405/011-000 Star point jumper; 3-way; insulated; light gray	www.wago.com/2001-405/011-000
	Item no.: 2001-407 Jumper; 7-way; insulated; light gray	www.wago.com/2001-407
	Item no.: 2001-409 Jumper; 9-way; insulated; light gray	www.wago.com/2001-409
	Item no.: 2001-406 Jumper; 6-way; insulated; light gray	www.wago.com/2001-406
	Item no.: 2001-404 Jumper; 4-way; insulated; light gray	www.wago.com/2001-404
	Item no.: 2001-410 Jumper; 10-way; insulated; light gray	www.wago.com/2001-410
	Item no.: 2001-433 Jumper; from 1 to 3; insulated; light gray	www.wago.com/2001-433
	Item no.: 2001-435 Jumper; from 1 to 5; insulated; light gray	www.wago.com/2001-435
	Item no.: 2001-408 Jumper; 8-way; insulated; light gray	www.wago.com/2001-408
	Item no.: 2001-437 Jumper; from 1 to 7; insulated; light gray	www.wago.com/2001-437
	Item no.: 2001-436 Jumper; from 1 to 6; insulated; light gray	www.wago.com/2001-436
	Item no.: 2001-440	www.wago.com/2001-440

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



Jumper; from 1 to 10; insulated; light gray



Item no.: 2001-438

Jumper; from 1 to 8; insulated; light gray

www.wago.com/2001-438



Item no.: 2001-434

Jumper; from 1 to 4; insulated; light gray

www.wago.com/2001-434



Item no.: 2001-439

Jumper; from 1 to 9; insulated; light gray

www.wago.com/2001-439



Item no.: 210-103

Wire commoning chain; insulated; black

www.wago.com/210-103

Downloads

Documentation

Bid Text

2000-2201/099-000 X81 - Datei	2019 Feb 19	xml 4.0 kB	Download
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2000-2201/099-000 docx - Datei	2018 Aug 7	docx 15.1 kB	Download
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Additional Information

Technical Section Technical explanations		pdf 2.2 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 2000-2201/099-000		URL	Download
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CAE data

EPLAN Data Portal 2000-2201/099-000		URL	Download
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WSCAD Universe 2000-2201/099-000		URL	Download
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ZUKEN Portal 2000-2201/099-000		URL	Download
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EPLAN Data Portal 2000-2201/099-000		URL	Download
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Subject to changes. Please also observe the further product documentation!

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2000-2201/099-000

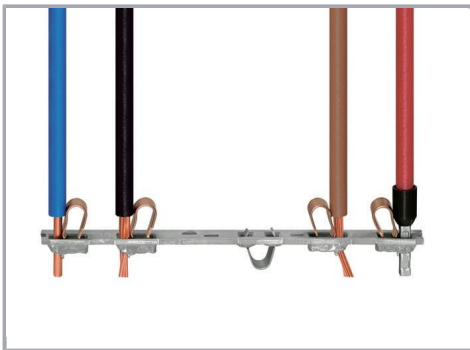
[URL](#)

[Download](#)

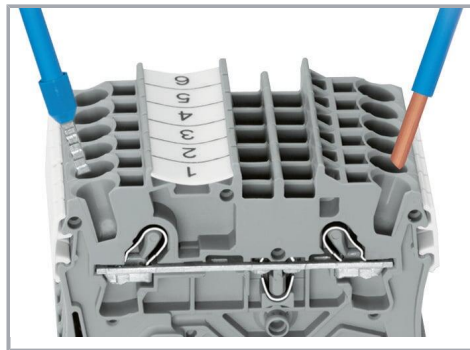
Double-deck terminal block; Through/through terminal block; with end plate; L/L; without marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 1,00 mm²; gray

Installation Notes

Conductor termination

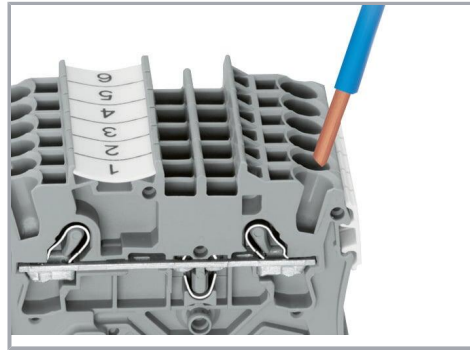
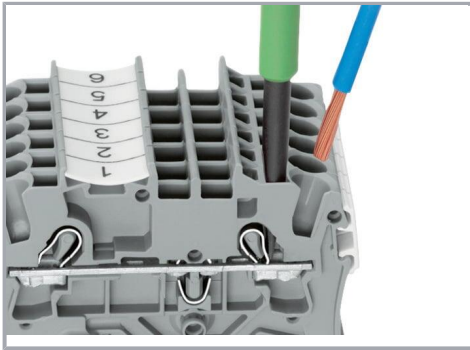


All conductor types at a glance



Push-in termination of solid and ferruled conductors

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



Inserting a conductor via operating tool:

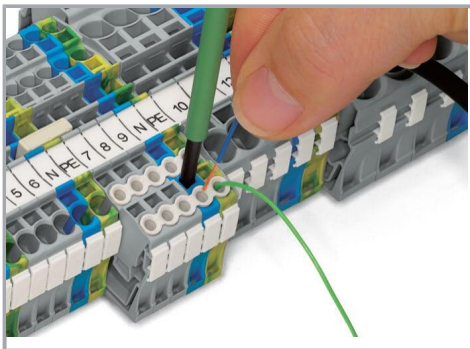
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.

Advantage:

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

Inserting a conductor via push-in termination:

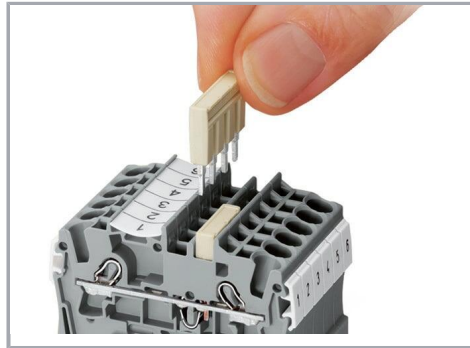
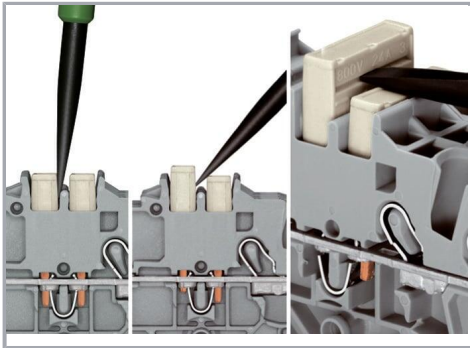
Solid conductors with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.



Conductor termination – insulation stop

Commoning

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



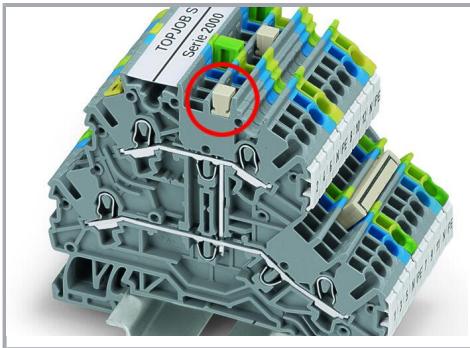
Removing a push-in type jumper bar:

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.

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

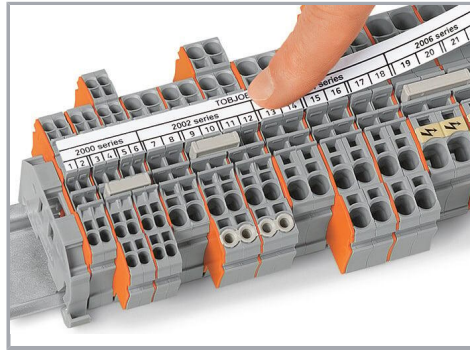
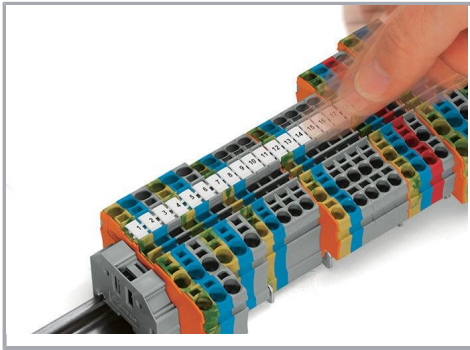
Commoning



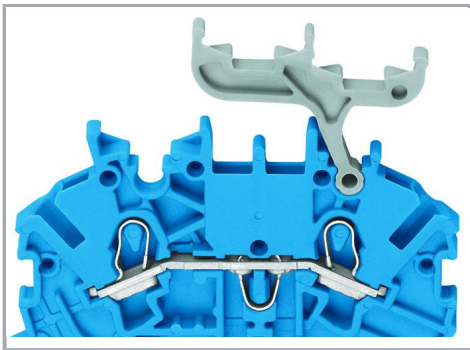
Commoning two levels via double-deck vertical jumper (2000-492).

Marking

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



Snapping WMB Inline markers into marker slots.



Double-Deck Terminal Blocks

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

Product family

TOPJOB® S

TOPJOB® S: In various industrial applications and modern building installations, WAGO's wide and versatile range of rail-mount terminal blocks provides more than just reliable electrical connections.

[Show all products from the family](#)

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