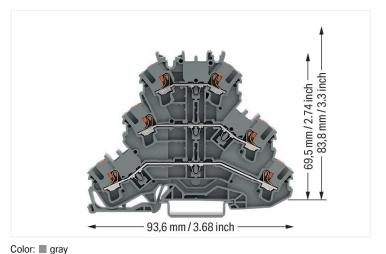
Triple-deck terminal block; with push-button; Through/through/through terminal block; L/L/L; without marker carrier; suitable for Ex e II applications; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP[®]; 2,50 mm²; gray

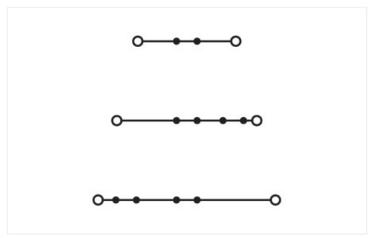


https://www.wago.com/2202-3201









Similar to illustration

Triple-deck terminal block, 2202 Series, Push-in CAGE CLAMP®

This triple-deck terminal block (item number 2202-3201) provides hassle-free electrical installations. The triple-deck terminal block also functions as a through terminal block. Strip lengths must be between 10 mm and 12 mm when connecting conductors to this triple-deck terminal block. This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® technology provides a universal connection solution for all conductor types. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. This triple-deck terminal block is suitable for conductor cross sections ranging from 0.25 mm² to 4 mm². It has three levels. Three potentials can connect using the six clamping points The gray housing is made of polyamide (PA66) for insulation. These through rail-mount terminal blocks are mounted using DIN-35 rails.. This product is designed for specific Ex applications (please refer to the product datasheet).

Electrical data			
Ratings per	IEC	/EN 60947-	7-1
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	500 V	-	-
Rated surge voltage	6 kV	-	-
Rated current	22 A	-	-
Current at conductor cross-section (max.) mm ²	26 A	-	-

Ex information	
Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications"
Rated voltage EN (Ex e II)	440 V
Rated current (Ex e II)	19 A
Rated current (Ex e II) with jumper	17 A

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Connection data			
Clamping units	6	Connection 1	
Total number of potentials	3	Connection technology	Push-in CAGE CLAMP®
Number of levels	3	Number of connection points	3
Number of jumper slots	6	Actuation type	Push-button
		Connectable conductor materials	Copper
		Nominal cross-section	2.5 mm²
		Solid conductor	0.25 4 mm² / 22 12 AWG
		Solid conductor; push-in termination	0.75 4 mm² / 18 12 AWG
		Fine-stranded conductor	0.25 4 mm² / 22 12 AWG
		Fine-stranded conductor; with insulated ferrule	0.25 2.5 mm² / 22 14 AWG
		Fine-stranded conductor; with ferrule; push-in termination	1 2.5 mm² / 18 14 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	10 12 mm / 0.39 0.47 inches
		Wiring direction	Front-entry wiring

Connection 2		
Number of connection points	3	

Physical data	
Width	5.2 mm / 0.205 inches
Height	93.6 mm / 3.685 inches
Depth from upper-edge of DIN-rail	69.5 mm / 2.736 inches

Mechanical data	
Potential marking	L/L/L
Mounting type	DIN-35 rail
Marking level	Center/side marking

Material data	
Note (material data)	
	<u>Information on material specifications can be found here</u>
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.356 MJ
Actuator color	orange
Weight	17.5 g

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Environmental requirements

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

•		
Commercial data		
PU (SPU)	50 pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4066966194036	
Customs tariff number	85369010000	

Product classification	
UNSPSC	39121410
ETIM 9.0	EC000897
ETIM 8.0	EC000897
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status Compliant, No Exemption

Approvals / Certificates

General approvals









Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7950
CSA DEKRA Certification B.V.	C22.2	70173745
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-124827
UL Underwriters Laboratories Inc.	UL 1059	UL-CA- L45172-6189178-11508102-1

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Approvals for hazardous areas





Approval	Standard	Certificate Name
AEx Underwriters Laboratories Inc.	UL 60079	E185892
CCCEx CQST/CNEx	GB/T 3836.3	2020312313000169

https://www.wago.com/2202-3201



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2202-3201



CAD/CAE-Data

CAD data

2D/3D Models 2202-3201



CAE data

EPLAN Data Portal 2202-3201



1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate





Item No.: 2002-3291

End and intermediate plate; 0.8 mm thick; gray

Item No.: 2002-3292

End and intermediate plate; 0.8 mm thick; orange

1.2 Optional Accessories

1.2.1 DIN-rail

1.2.1.1 Mounting accessories



Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm

thick; 2 m long; unslotted; similar to EN





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

Item No.: 210-196

60715: silver-colored

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

Item No.: 210-198

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.: 216-241

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white

Item No.: 216-242

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.: 216-262

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.: 216-243

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

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.: 216-244

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

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.: 216-246

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.: 216-266

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

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.: 2002-171

Insulation stop; 0.25 - 0.5 mm²; 5 pieces/ strip; light gray Item No.: 2002-172

Insulation stop; 0.75 - 1 mm²; 5 pieces/ strip; dark gray



1.2.5 Jumper

1.2.5.1 Jumper



Continuous jumper; 2-way; insulated; light

Item No.: 2002-413

Continuous jumper; 3-way; insulated; light gray

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Item No.: 2002-415

Continuous jumper; 5-way; insulated; light gray

Item No.: 2002-423/000-006

Continuous jumper; from 1 to 3; insulated;



Item No.: 2002-423

Continuous jumper; from 1 to 3; insulated; light gray

Item No.: 2002-423/000-005 Continuous jumper; from 1 to 3; insulated; Item No.: 2002-424/000-006

Continuous jumper; from 1 to 4; insulated;

Item No.: 2002-424

Continuous jumper; from 1 to 4; insulated; light gray



Item No.: 2002-424/000-005

Continuous jumper; from 1 to 4; insulated;

Item No.: 2002-406/020-000 Delta jumper; insulated; light gray

Item No.: 2002-410/000-006 Jumper; 10-way; insulated; blue Item No.: 2002-410

Jumper; 10-way; insulated; light gray



Item No.: 2002-410/000-005

Item No.: 2002-402/000-006 Jumper; 2-way; insulated; blue

Item No.: 2002-402/000-005

Jumper; 10-way; insulated; red

Item No.: 2002-403

Jumper; 3-way; insulated; light gray

Item No.: 2002-402

Jumper; 2-way; insulated; light gray

Jumper; 2-way; insulated; red

Item No.: 2002-404/000-006

Item No.: 2002-403/000-006

Jumper; 3-way; insulated; blue

Item No.: 2002-403/000-005 Jumper; 3-way; insulated; red

Jumper; 4-way; insulated; blue



Item No.: 2002-404

Jumper; 4-way; insulated; light gray

Item No.: 2002-404/000-005 Jumper; 4-way; insulated; red Item No.: 2002-405/000-006

Jumper; 5-way; insulated; blue

Item No.: 2002-405

Jumper; 5-way; insulated; light gray



Item No.: 2002-405/000-005 Jumper; 5-way; insulated; red Item No.: 2002-406/000-006

Jumper; 6-way; insulated; blue

Item No.: 2002-406

Jumper; 6-way; insulated; light gray

Item No.: 2002-406/000-005 Jumper; 6-way; insulated; red



Item No.: 2002-407/000-006

Jumper; 7-way; insulated; blue

Item No.: 2002-407 Jumper; 7-way; insulated; light gray

Item No.: 2002-407/000-005

Item No.: 2002-408/000-006

Item No.: 2002-408 Jumper; 8-way; insulated; light gray

Jumper; 7-way; insulated; red

Jumper; 8-way; insulated; blue

Item No.: 2002-408/000-005 Jumper; 8-way; insulated; red Item No.: 2002-409/000-006

Item No.: 2002-409



Item No.: 2002-440 Jumper; from 1 to 10; insulated; light gray Jumper; 9-way; insulated; blue

Jumper; 9-way; insulated; light gray



Item No.: 2002-409/000-005

Jumper; 9-way; insulated; red

Item No.: 2002-433 Jumper; from 1 to 3; insulated; light gray

Item No.: 2002-434 Jumper; from 1 to 4; insulated; light gray



Item No.: 2002-435

Jumper; from 1 to 5; insulated; light gray

Item No.: 2002-436 Jumper; from 1 to 6; insulated; light gray

Item No.: 2002-437 Jumper; from 1 to 7; insulated; light gray

Item No.: 2002-438



Item No.: 2002-439

Jumper; from 1 to 9; insulated; light gray

Item No.: 2002-480

Item No.: 2002-472

gray

Jumper; from 1 to 8; insulated; light gray



light gray

Staggered jumper; 10-way; insulated;

Item No.: 2002-481 Staggered jumper; 11-way; insulated; light gray

Item No.: 2002-482 Staggered jumper; 12-way; insulated; light gray



Item No.: 2002-473/011-000

Staggered jumper; 2-way; from 1 to 3; insulated; light gray



Staggered jumper; 2-way; insulated; light

Item No.: 2002-473 Staggered jumper; 3-way; insulated; light gray

Item No.: 2002-475/011-000 Staggered jumper; 3-way; insulated; light gray



Item No.: 2002-474

Staggered jumper; 4-way; insulated; light gray

Item No.: 2002-475 Staggered jumper; 5-way; insulated; light gray

Item No.: 2002-476 Staggered jumper; 6-way; insulated; light gray

Item No.: 2002-477 Staggered jumper; 7-way; insulated; light gray



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1.2.5.1 Jumper

Item No.: 2002-478

gray





Item No.: 2002-479 Staggered jumper; 9-way; insulated; light gray



Item No.: 2002-477/011-000

Item No.: 2002-479/011-000

Staggered jumper; insulated; light gray



Staggered jumper; insulated; light gray

Staggered jumper; 8-way; insulated; light



Item No.: 2002-405/011-000 Item No.: 2002-492 Star point jumper; 3-way; insulated; light Vertical jumper; insulated; light gray



Staggered jumper; insulated; light gray

Item No.: 2002-493

Vertical jumper; insulated; light gray



Item No.: 2002-492/000-012

Item No.: 2002-481/011-000

Vertical jumper; insulated; orange



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

Item No.: 248-501/000-005

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray

Mini-WSB marking card; as card; not



Item No.: 248-501/000-023

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

stretchable; plain; snap-on type; violet

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.: 248-501/000-024

Mini-WSB marking card; as card; not



Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white



Item No.: 248-501

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

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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.: 2009-115/000-006 WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

Continued on next page

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1.2.6.2 Marker



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

A

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

A

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.: 2002-131 Adaptor; gray

Item No.: 2002-161 Adaptor; gray

Item No.: 2009-198 Adaptor; gray

1.2.6.4 Marking strip



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

1.2.7 Push-in type wire jumper

1.2.7.1 Jumper

Item No.: 2009-414





Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black



Item No.: 2009-416 Push-in type wire jumper; 1.5 mm²; insulated; 250 mm long; black



Item No.: 2009-414/000-006

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



ted; 110 mm long; black

Push-in type wire jumper; insulated; 60 mm long; black

Push-in type wire jumper; 1.5 mm²; insula-

1.2.8 Screwless end stop

1.2.8.1 Mounting accessories





Item No.: 249-117

Screwless end stop; 10 mm wide; for DINrail 35 x 15 and 35 x 7.5; gray

Item No.: 249-116

Screwless end stop; 6 mm wide; for DINrail 35 x 15 and 35 x 7.5; gray

https://www.wago.com/2202-3201



1.2.9 Test and measurement

1.2.9.1 Testing accessories



Item No.: 2009-174

Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB $^{\circ}$ 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



Item No.: 2002-649

TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; 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

Push-in termination of solid and ferruled conductors

Insert fine-stranded conductors via operating tool.

.. .



Removing all conductors via operating tool

Commoning



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

https://www.wago.com/2202-3201



Testing



Testing with a 2 mm Ø test plug (max. 42

Marking



Snapping a marking strip into a marker



Snapping a marking strip into the marker

Testing



L-type test plug modules fitted in a tripledeck terminal block



TOPJOB® S L-type test plugs for testing rail-mount terminal blocks via conductor entries

Commoning



Created for double- and triple-deck TOP-JOB® S Terminal Blocks, the vertical jumpers can common two or three levels. Clearly marked numerals ("2" and "3") distinguish the double-deck (Item No. 2002-0492) and triple-deck vertical jumpers (Item No. 2002-0493), even when inserted.



Commoning three levels via triple-deck vertical jumper (Item No. 2002-493).

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

Current addresses can be found at:: $\underline{www.wago.com}$

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