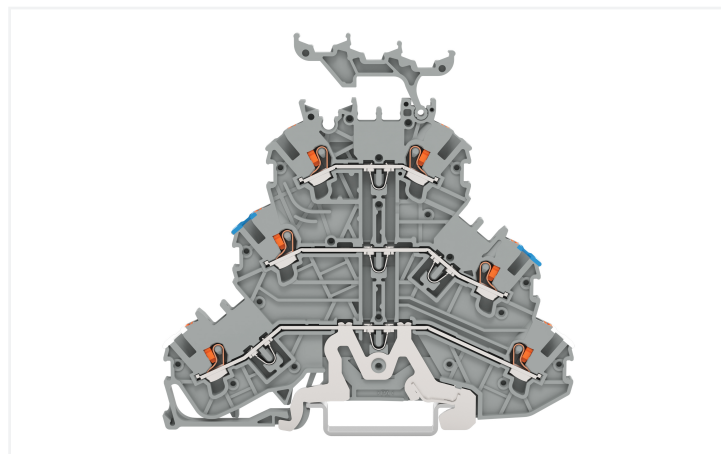
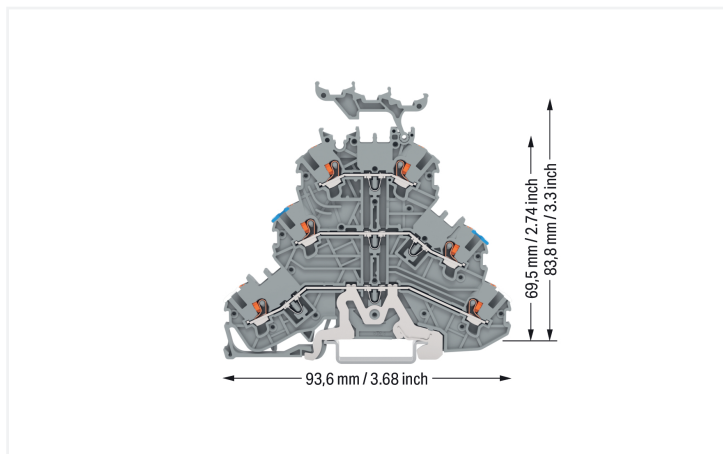


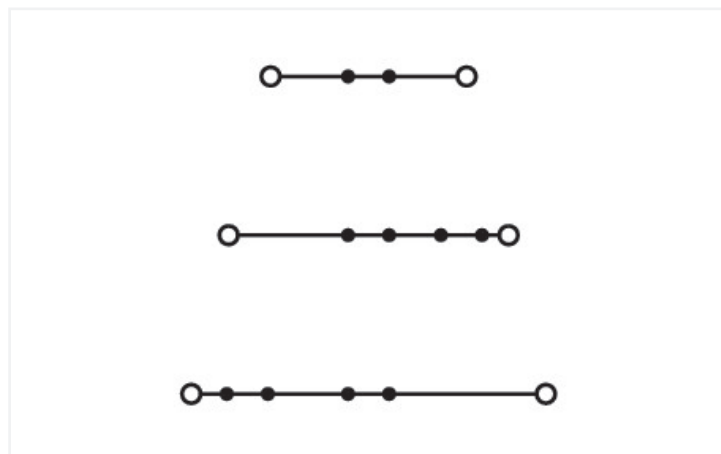
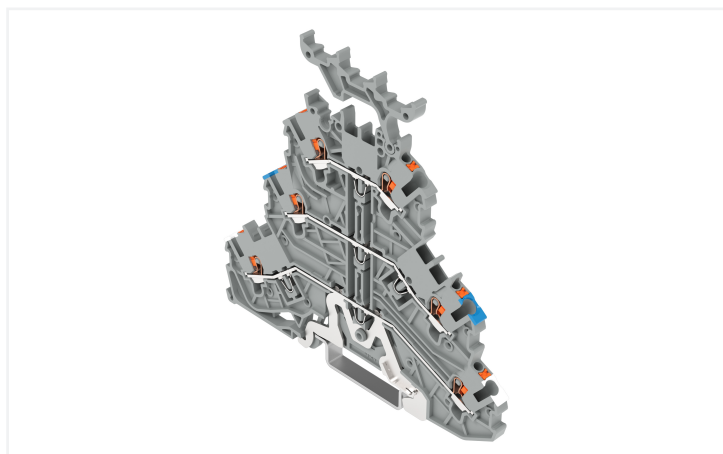
Data Sheet | Item Number: 2200-3248

Triple-deck terminal block; Shield/through/through terminal block; with push-button; 1 mm²; Shielding/N/L; with marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 1,00 mm²; gray

<https://www.wago.com/2200-3248>



Color: ■ gray



Similar to illustration

Triple-deck terminal block, 2200 Series, gray

Enjoy effortless electrical installations with this triple-deck terminal block (item number 2200-3248). Conductors should only be connected to this triple-deck terminal block if their strip length is between 9 and 11 mm. The triple-deck terminal block also serves as a shield terminal block as well as a through terminal block. Featuring conductor terminals along with Push-in CAGE CLAMP®, this product is highly versatile. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, offering a key advantage: It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing tools. No preparation is required; for example, crimping the conductor's ferrule is not necessary. This triple-deck terminal block is suitable for conductor cross sections ranging from 0.14 mm² to 1.5 mm².

This product is designed for specific Ex applications (please refer to the product datasheet).

Electrical data

Ratings per	IEC/EN 60664-1		
	III	III	II
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	500 V	-	-
Rated impulse withstand voltage	6 kV	-	-
Rated current	13.5 A	-	-
Current at conductor cross-section (max.) mm ²	16 A	-	-

Ex information

Reference to hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations"
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Power Loss

Power loss, per pole (potential)	2.2982 W
Rated current I_N for power loss specification	24 A
Resistance value for specified, current-dependent power loss	0.00133 Ω

Connection Data

Total number of potentials	3
Number of levels	3
Number of jumper slots	6

Connection 1

Connection technology	Push-in CAGE CLAMP®
Number of connection points	3
Actuation type	Push-button
Actuation direction 1	Operation parallel to conductor entry
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 mm ² / 20 AWG
Stranded conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 0.75 mm ² / 20 ... 18 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 mm ² / 20 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

Connection 2

Number of connection points	3
-----------------------------	---

Physical data

Width	3.5 mm / 0.138 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	Shield/N/L
Mounting type	DIN-35 x 15 rail DIN-35 x 7.5 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 (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.286 MJ
Actuator color	orange
Weight	15.6 g

Environmental requirements

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

Commercial data

PU (SPU)	40 pcs
Packaging type	Box
Country of origin	PL
GTIN	4066966382549
Customs tariff number	85369010000

Product Classification

UNSPSC	39121410
ETIM 9.0	EC000897
ETIM 10.0	EC000897
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA CSA Group	C22.2	70173737
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-134795

Declarations of conformity and manufacturer's declarations

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

Approvals for hazardous areas



Approval	Standard	Certificate Name
ATEX Physikalisch Technische Bundesanstalt	IEC 60079	PTB 18 ATEX 1003 U (II 2 G Ex eb II C Gb bzw. I M 2 Ex eb I Mb)
CCC CQST/CNEC	GB/T 3836.3	2020312313000166
IECEX Physikalisch Technische Bundesanstalt	IEC 60079	IECEX PTB 18.0010U (Ex eb IIC Gb and Ex eb I Mb)

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2200-3248

CAD/CAE-Data

CAD data

2D/3D Models 2200-3248

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



[Item No.: 2000-3291](#)
End and intermediate plate; 0.7 mm thick; gray

[Item No.: 2000-3292](#)
End and intermediate plate; 0.7 mm thick; 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.: 210-197](#)
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



[Item No.: 210-114](#)
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.: 210-113](#)
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

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.: 216-243](#)

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

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 Jumper

1.2.4.1 Jumper



[Item No.: 2000-406/020-000](#)

Delta jumper; insulated; light gray



[Item No.: 2000-410/000-006](#)

Jumper; 10-way; insulated; blue



[Item No.: 2000-410](#)

Jumper; 10-way; insulated; light gray



[Item No.: 2000-410/000-005](#)

Jumper; 10-way; insulated; red



[Item No.: 2000-402/000-006](#)

Jumper; 2-way; insulated; blue



[Item No.: 2000-402](#)

Jumper; 2-way; insulated; light gray



[Item No.: 2000-402/000-005](#)

Jumper; 2-way; insulated; red



[Item No.: 2000-402/000-018](#)

Jumper; 2-way; insulated; yellow-green



[Item No.: 2000-403/000-006](#)

Jumper; 3-way; insulated; blue



[Item No.: 2000-403](#)

Jumper; 3-way; insulated; light gray



[Item No.: 2000-403/000-005](#)

Jumper; 3-way; insulated; red



[Item No.: 2000-404/000-006](#)

Jumper; 4-way; insulated; blue



[Item No.: 2000-404](#)

Jumper; 4-way; insulated; light gray



[Item No.: 2000-404/000-005](#)

Jumper; 4-way; insulated; red



[Item No.: 2000-405/000-006](#)

Jumper; 5-way; insulated; blue



[Item No.: 2000-405](#)

Jumper; 5-way; insulated; light gray



[Item No.: 2000-405/000-005](#)

Jumper; 5-way; insulated; red



[Item No.: 2000-406/000-006](#)

Jumper; 6-way; insulated; blue



[Item No.: 2000-406](#)

Jumper; 6-way; insulated; light gray



[Item No.: 2000-406/000-005](#)

Jumper; 6-way; insulated; red



[Item No.: 2000-407/000-006](#)

Jumper; 7-way; insulated; blue



[Item No.: 2000-407](#)

Jumper; 7-way; insulated; light gray



[Item No.: 2000-407/000-005](#)

Jumper; 7-way; insulated; red



[Item No.: 2000-408/000-006](#)











Jumper; 8-way; insulated; blue

1.2.4.1 Jumper


 Item No.: 2000-408 Jumper; 8-way; insulated; light gray	 Item No.: 2000-408/000-005 Jumper; 8-way; insulated; red	 Item No.: 2000-409/000-006 Jumper; 9-way; insulated; blue	 Item No.: 2000-409 Jumper; 9-way; insulated; light gray
 Item No.: 2000-409/000-005 Jumper; 9-way; insulated; red	 Item No.: 2000-440 Jumper; from 1 to 10; insulated; light gray	 Item No.: 2000-433/000-006 Jumper; from 1 to 3; insulated; blue	 Item No.: 2000-433 Jumper; from 1 to 3; insulated; light gray
 Item No.: 2000-433/000-005 Jumper; from 1 to 3; insulated; red	 Item No.: 2000-434 Jumper; from 1 to 4; insulated; light gray	 Item No.: 2000-435 Jumper; from 1 to 5; insulated; light gray	 Item No.: 2000-436 Jumper; from 1 to 6; insulated; light gray
 Item No.: 2000-437 Jumper; from 1 to 7; insulated; light gray	 Item No.: 2000-438 Jumper; from 1 to 8; insulated; light gray	 Item No.: 2000-439 Jumper; from 1 to 9; insulated; light gray	 Item No.: 2000-405/011-000 Star point jumper; 3-way; insulated; light gray
 Item No.: 2000-492 Vertical jumper; insulated; light gray	 Item No.: 210-103 Wire commoning chain; insulated; black	 Item No.: 210-123 Wire commoning chain; insulated; blue	

1.2.5 Marking


1.2.5.1 Marker

 Item No.: 793-3501 WMB marking card; as card; plain; snap-on type; white	 Item No.: 2009-113/000-006 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue	 Item No.: 2009-113/000-007 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray	 Item No.: 2009-113/000-023 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green
 Item No.: 2009-113/000-017 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green	 Item No.: 2009-113/000-012 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange	 Item No.: 2009-113/000-005 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; red	 Item No.: 2009-113/000-024 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet
 Item No.: 2009-113 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white	 Item No.: 2009-113/000-002 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow		

1.2.5.2 Marker carrier

 Item No.: 2000-131 Adaptor; gray

1.2.5.3 Marking strip

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

1.2.6 Protective warning marker

1.2.6.1 Cover



Item No.: 2000-115

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

1.2.7 Push-in type wire jumper

1.2.7.1 Jumper



Item No.: 2009-404

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



Item No.: 2009-406

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



Item No.: 2009-402

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

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.: 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.: 210-719

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



Item No.: 210-648

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



Item No.: 210-647

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

Installation Notes

Testing



L-type test plug modules fitted in a triple-deck terminal block

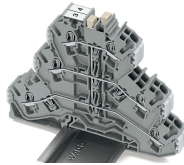


TOPJOB® S L-type test plugs for testing rail-mount terminal blocks via conductor entries

Commoning



Created for double- and triple-deck TOPJOB® 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).