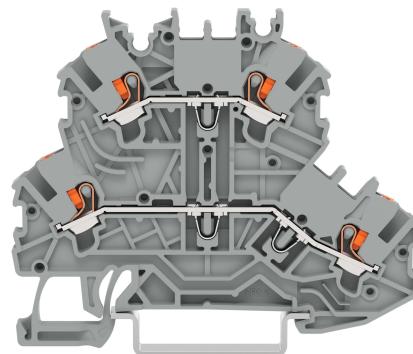


Color: ■ gray

Similar to illustration



Similar to illustration



Similar to illustration

Double-deck terminal block, 2200 Series, Push-in CAGE CLAMP®

Our double-deck terminal block (item number 2200-2201/352-000) ensures effortless electrical installations. The double-deck terminal block also serves as a through terminal block. Ensure that the strip lengths are between 9 mm and 11 mm when connecting conductors to this double-deck terminal block. This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing to use any tools—all thanks to its pluggable design. This double-deck terminal block is suitable for conductor cross sections ranging from 0.14 mm² to 1.5 mm². It has two levels. You can connect two potentials using the four 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			Approvals per			UL 1059		
Overvoltage category	III	III	II			Use group	B	C	D		
Pollution degree	3	2	2			Rated voltage	300 V	300 V	-		
Nominal voltage	500 V	-	-			Rated current	10 A	10 A	-		
Rated surge voltage	6 kV	-	-								
Rated current	13.5 A	-	-								
Current at conductor cross-section (max.) mm ²	16 A	-	-								

Approvals per	CSA 22.2 No 158			Ex information
Use group	B	C	D	Reference hazardous areas
Rated voltage	300 V	300 V	-	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations"
Rated current	10 A	10 A	-	Ratings per
				ATEX: PTB 11 ATEX 1041 U / IECEx: PTB 11.0093U (Ex eb IIC Gb)
				Rated voltage EN (Ex e II)
				320 V
				Rated current (Ex e II)
				13 A
				Rated current (Ex e II) with jumper
				12 A

Power Loss

Power loss, per pole (potential)	0.4338 W
Rated current I_N for specified power loss	13.5 A
Resistance value for specified, current-dependent power loss	0.00238 Ω

Connection data

Clamping units	4
Total number of potentials	2
Number of levels	2
Number of jumper slots	4

Connection 1

Connection technology	Push-in CAGE CLAMP®
Number of connection points	2
Actuation type	Push-button
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
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Physical data

Width	3.5 mm / 0.138 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
Mounting type	DIN-35 rail
Marking level	Center/side marking
Conductor entry color	Conductor entry, black Conductor entry (deck 1), red

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	0.172 MJ
Weight	7.6 g

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	IN
GTIN	4066966488449
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance
2200-2201/352-000



Documentation

Additional Information

Technical Section	pdf 2246.92 KB
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CAD/CAE-Data

CAD data

2D/3D Models
2200-2201/352-000

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

[Item No.: 2000-2291](#)

End plate; 0.7 mm thick; gray

[Item No.: 2000-2292](#)

End 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



[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

1.2.4.1 Jumper



[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.: 2000-121](#)
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

Conductor termination



All conductor types at a glance

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.



Commoning with step-down jumpers.

Testing



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