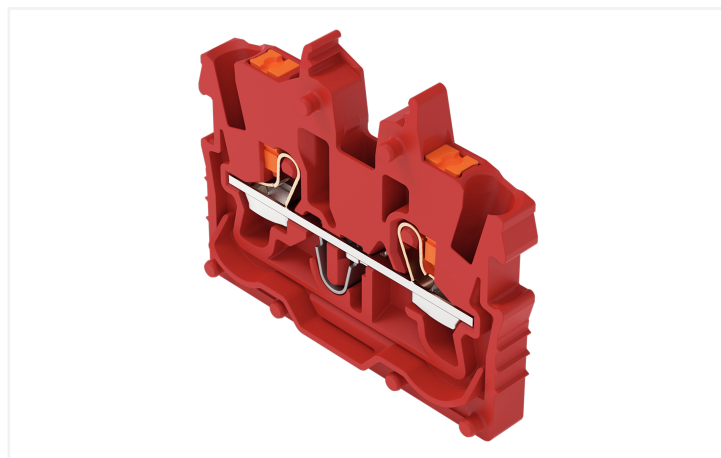


Data Sheet | Item Number: 2250-323

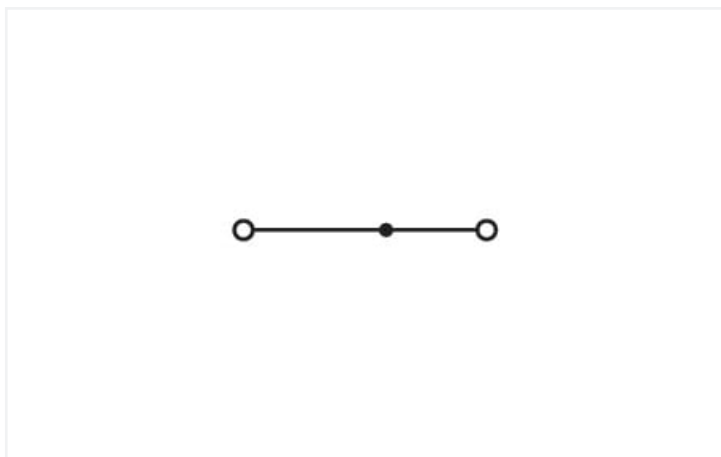
2-conductor miniature through terminal block; with push-button; 1 mm²; Center terminal block without snap-in mounting foot, without mounting flange; side and center marking; with test port; Push-in CAGE CLAMP®; 1,00 mm²; red



<https://www.wago.com/2250-323>



Color: ■ red



Similar to illustration

Electrical data

Ratings per	IEC/EN 60998-2-2		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	500 V	-	-
Rated surge voltage	6 kV	-	-
Rated current	13.5 A	-	-
Current at conductor cross-section (max.) mm ²	17.5 A	-	-

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	300 V	-
Rated current	10 A	10 A	-

Approvals per	CSA 22.2 No 158		
Use group	B	C	D
Rated voltage	300 V	300 V	-
Rated current	10 A	10 A	-

Ex information	
Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explanations"
Rated voltage EN (Ex e II)	352 V
Rated current (Ex e II)	13.5 A
Rated current (Ex e II) with jumper	12 A

Power loss

Rated current I_N for specified power loss	13.5 A
Resistance value for specified, current-dependent power loss	0.00238 Ω

Connection data

Connection points	2
Total number of potentials	1
Number of levels	1
Number of jumper slots	1

Connection 1

Connection technology	Push-in CAGE CLAMP®
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

Physical data

Width	3.5 mm / 0.138 inches
Height from the surface	27.2 mm / 1.071 inches
Depth	33.2 mm / 1.307 inches

Mechanical data

Mounting type	none
Marking level	Center/side marking

Material data

Note (material data)	Information on material specifications can be found here
Color	red
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.064 MJ
Weight	2.4 g

Environmental requirements

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

Commercial data

ETIM 8.0	EC001284
PU (SPU)	100 pcs
Country of origin	DE
GTIN	4066966237573
Customs tariff number	85369010000

Environmental Product Compliance

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

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2250-323	↓

Documentation

Additional Information	
Technical Section	pdf 2142.18 KB ↓

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



Item No.: 2050-381
End plate; with fixing flange; 1.3 mm thick; gray

1.2 Optional Accessories

1.2.1 Ferrule

1.2.1.1 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

1.2.2 Jumper

1.2.2.1 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



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

1.2.3 Marking

1.2.3.1 Group marker carrier



Item No.: 2009-191
Group marker carrier; gray

1.2.3.2 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

1.2.3.3 Marking strip



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

1.2.4 Push-in type wire jumper

1.2.4.1 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

1.2.5 Test and measurement

1.2.5.1 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.: 210-136
Test plug; 2 mm Ø; with 500 mm cable; red



Item No.: 2009-182
Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

1.2.6 Tool

1.2.6.1 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

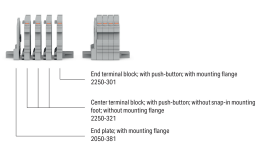
Item No.: 210-647

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

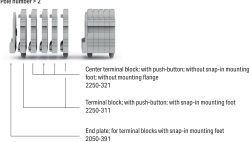
Installation Notes

Installation

Example of a 4-pole terminal strip; with push-buttons; with mounting flanges



Example of a 5-pole terminal strip; with push-buttons; with snap-in mounting feet
Pole number = 2



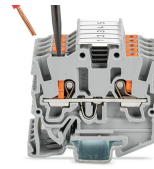
Conductor termination



Insert solid conductors via push-in termination.



Insert ferruled conductors via push-in termination.



Insert fine-stranded conductors via operating tool.

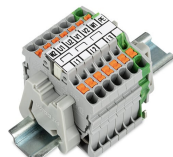


Remove all conductors via operating tool.

Commoning



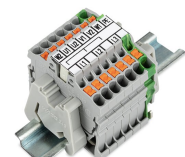
Insert a delta jumper and push down until it hits the backstop (example shows terminal blocks with push-buttons).



Marking strip (2009-110) inserted in the marking slot with jumper symbols of the inserted jumper (delta jumper) (example shows terminal blocks with push-buttons)



Insert a star point jumper and push down until it hits the backstop (example shows terminal blocks with push-buttons).



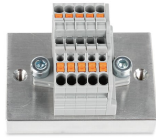
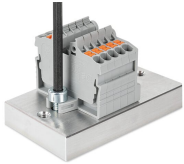
Marking strip (2009-110) inserted in the marking slot with jumper symbols of the inserted jumper (2000-405/011-000 Delta Jumper) (example shows terminal blocks with push-buttons)

Testing



Testing with a 2 mm Ø 210-136 Test Plug (max. 42 V).

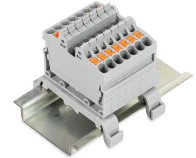
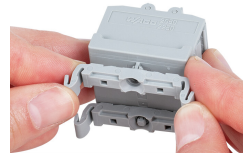
Installation



Mounting and securing a terminal strip directly to the plate via screw-type flanges (example shows terminal blocks with push-buttons).

Terminal strip; with mounting flanges; screw mounting (example shows terminal blocks with push-buttons)

Installation



Mounting a terminal strip with snap-in feet into holes.

Mounting a terminal strip with snap-in feet onto aluminum rail.

Snapping a mounting foot (209-120) to a terminal strip with snap-in mounting feet.
(Distance between mounting feet: approx. 20 ... 25 mm)

Terminal strip; with snap-in mounting feet; for DIN-35 rail (209-120 Mounting Foot) (example shows terminal blocks with push-buttons)

Marking



Snapping a marking strip into the marker slot.

Snapping a marking strip (2009-110) into a marker slot.