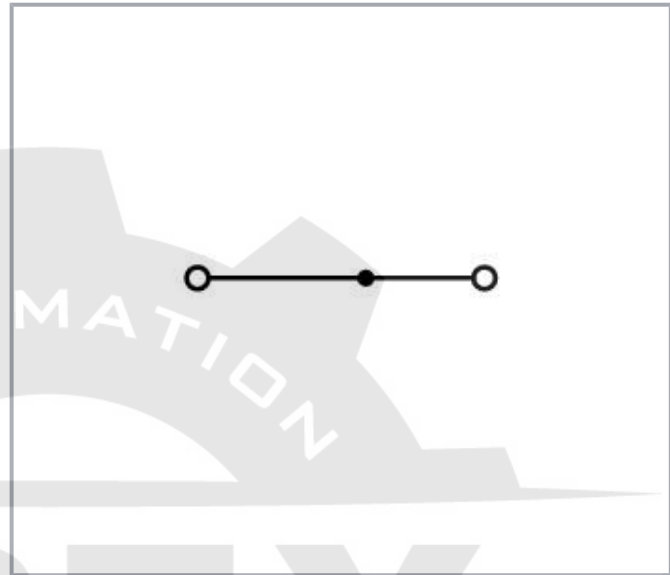


Data sheet | Item number: 2050-317

TOPJOB®S miniature feedthrough terminal block; snap-in mounting foot; 2-conductor; 3.5 mm wide; green-yellow

www.wago.com/2050-317



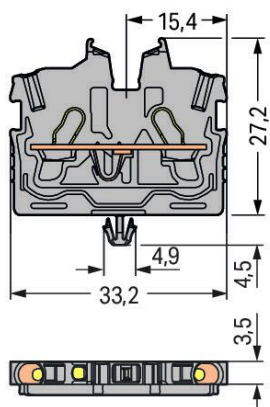
Color: 

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

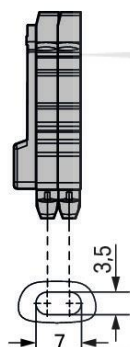
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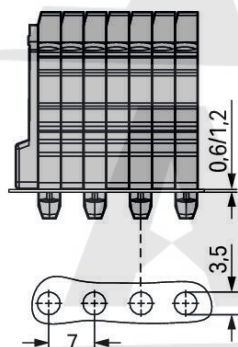
Modular terminal blocks and terminal strips with snap-in mounting feet



2-pole



Pole number > 2



Data

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-in Open Tool Slot
Connectable conductor materials	Copper Copper
Nominal cross-section	1 mm²
Solid conductor	0.14 ... 1.5 mm² / 24 ... 16 AWG
Solid conductor; push-in termination	0.5 ... 1.5 mm² / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm² / 24 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.14 ... 0.75 mm² / 24 ... 18 AWG

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

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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 inch
Total number of connection points	2
Total number of potentials	1
Number of levels	1
Wiring direction	Front-entry wiring
Number of jumper slots	1

Physical data

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

Mechanical data

Design	horizontal type
Mounting type	Snap-in foot
Marking level	Center/side marking

Material data

Color	green-yellow
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Weight	2.3 g

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4055143964777
Customs tariff number	8536904000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ATEX Physikalisch Technische Bundesanstalt	EN IEC 60079-0	PTB 19 ATEX 1019 U (II 2G Ex eb IIC Gb)

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CNCA-C23-01

2020312313000289

IECEX
Physikalisch Technische Bundesanstalt

IEC 60079

IECEX PTB 19.0050
U (Ex eb IIC Gb or
EX eb I Mb)

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60998	NTR NL 7840
	CSA CSA	C22.2 No. 158	80034182
	KEMA/KEUR DEKRA Certification B.V.	EN 60998	71- 113957

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1059	E45172- 20200212

Counterpart



Item no.2050-327

TOPJOB®S miniature feedthrough terminal block; center terminal block without snap-in foot; 2-conductor; 3.5 mm wide; green-yellow

www.wago.com/2050-327

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Required accessories

End plates

	Item no.: 2050-391 End plate; for terminal blocks with snap-in mounting foot; 3.4 mm thick; gray	www.wago.com/2050-391
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Optional accessories

Jumpers

	Item no.: 2000-402 TOPJOB®S jumper; for 2000 series; insulated; 2-way; light-gray	www.wago.com/2000-402
	Item no.: 2000-402/000-005 TOPJOB®S jumper; for 2000 series; insulated; 2-way; red	www.wago.com/2000-402/000-005
	Item no.: 2000-402/000-006 TOPJOB®S jumper; for 2000 series; insulated; 2-way; blue	www.wago.com/2000-402/000-006
	Item no.: 2000-402/000-018 TOPJOB®S jumper; for 2000 series; insulated; 2-way; green-yellow	www.wago.com/2000-402/000-018
	Item no.: 2000-403 TOPJOB®S jumper; for 2000 series; insulated; 3-way; light-gray	www.wago.com/2000-403
	Item no.: 2000-403/000-005 TOPJOB®S jumper; for 2000 series; insulated; 3-way; red	www.wago.com/2000-403/000-005
	Item no.: 2000-403/000-006 TOPJOB®S jumper; for 2000 series; insulated; 3-way; blue	www.wago.com/2000-403/000-006
	Item no.: 2000-404 TOPJOB®S jumper; for 2000 series; insulated; 4-way; light-gray	www.wago.com/2000-404
	Item no.: 2000-404/000-005 TOPJOB®S jumper; for 2000 series; insulated; 4-way; red	www.wago.com/2000-404/000-005
	Item no.: 2000-404/000-006 TOPJOB®S jumper; for 2000 series; insulated; 4-way; blue	www.wago.com/2000-404/000-006
	Item no.: 2000-405 TOPJOB®S jumper; for 2000 series; insulated; 5-way; light-gray	www.wago.com/2000-405
	Item no.: 2000-405/000-005 TOPJOB®S jumper; for 2000 series; insulated; 5-way; red	www.wago.com/2000-405/000-005

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	Item no.: 2000-405/000-006 TOPJOB®S jumper; for 2000 series; insulated; 5-way; blue	www.wago.com/2000-405/000-006
	Item no.: 2000-405/011-000 TOPJOB®S jumper; Wye configuration; for 2000 series; insulated; 3-way (1-3-5); light-gray	www.wago.com/2000-405/011-000
	Item no.: 2000-406 TOPJOB®S jumper; for 2000 series; insulated; 6-way; light-gray	www.wago.com/2000-406
	Item no.: 2000-406/000-005 TOPJOB®S jumper; for 2000 series; insulated; 6-way; red	www.wago.com/2000-406/000-005
	Item no.: 2000-406/000-006 TOPJOB®S jumper; for 2000 series; insulated; 6-way; blue	www.wago.com/2000-406/000-006
	Item no.: 2000-406/020-000 TOPJOB®S jumper; Delta configuration; for 2000 series; insulated; 6-way (1-2, 3-4, 5-6); light-gray	www.wago.com/2000-406/020-000
	Item no.: 2000-407 TOPJOB®S jumper; for 2000 series; insulated; 7-way; light-gray	www.wago.com/2000-407
	Item no.: 2000-407/000-005 TOPJOB®S jumper; for 2000 series; insulated; 7-way; red	www.wago.com/2000-407/000-005
	Item no.: 2000-407/000-006 TOPJOB®S jumper; for 2000 series; insulated; 7-way; blue	www.wago.com/2000-407/000-006
	Item no.: 2000-408 TOPJOB®S jumper; for 2000 series; insulated; 8-way; light-gray	www.wago.com/2000-408
	Item no.: 2000-408/000-005 TOPJOB®S jumper; for 2000 series; insulated; 8-way; red	www.wago.com/2000-408/000-005
	Item no.: 2000-408/000-006 TOPJOB®S jumper; for 2000 series; insulated; 8-way; blue	www.wago.com/2000-408/000-006
	Item no.: 2000-409 TOPJOB®S jumper; for 2000 series; insulated; 9-way; light-gray	www.wago.com/2000-409
	Item no.: 2000-409/000-005 TOPJOB®S jumper; for 2000 series; insulated; 9-way; red	www.wago.com/2000-409/000-005

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

	Item no.: 2000-409/000-006 TOPJOB®S jumper; for 2000 series; insulated; 9-way; blue	www.wago.com/2000-409/000-006
	Item no.: 2000-410 TOPJOB®S jumper; for 2000 series; insulated; 10-way; light-gray	www.wago.com/2000-410
	Item no.: 2000-410/000-005 TOPJOB®S jumper; for 2000 series; insulated; 10-way; red	www.wago.com/2000-410/000-005
	Item no.: 2000-410/000-006 TOPJOB®S jumper; for 2000 series; insulated; 10-way; blue	www.wago.com/2000-410/000-006
	Item no.: 2000-433 TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-3); light-gray	www.wago.com/2000-433
	Item no.: 2000-433/000-005 TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-3); red	www.wago.com/2000-433/000-005
	Item no.: 2000-433/000-006 TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-3); blue	www.wago.com/2000-433/000-006
	Item no.: 2000-434 TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-4); light-gray	www.wago.com/2000-434
	Item no.: 2000-435 TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-5); light-gray	www.wago.com/2000-435
	Item no.: 2000-436 TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-6); light-gray	www.wago.com/2000-436
	Item no.: 2000-437 TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-7); light-gray	www.wago.com/2000-437
	Item no.: 2000-438 TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-8); light-gray	www.wago.com/2000-438
	Item no.: 2000-439 TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-9); light-gray	www.wago.com/2000-439
	Item no.: 2000-440 TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-10); light-gray	www.wago.com/2000-440
Tools		
	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.: 210-648 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short	www.wago.com/210-648

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

**Item no.: 210-719**

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

www.wago.com/210-719**Ferrules****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; whitewww.wago.com/216-241**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; graywww.wago.com/216-242**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; redwww.wago.com/216-243**Protective warning marker****Item no.: 2000-115**

TOPJOB®S protective warning marker; with high-voltage symbol, for 2000 series terminal blocks; for 5 terminal blocks

www.wago.com/2000-115**Testing accessories****Item no.: 2009-174**

TOPJOB®S test plug adapter; for test plug 4 mm Ø; for testing TOPJOB®S terminal blocks; gray

www.wago.com/2009-174**Item no.: 2009-182**

TOPJOB®S testing tap; tool-free; 12 AWG max; for testing TOPJOB®S terminal blocks; gray

www.wago.com/2009-182**Item no.: 210-136**

Test plug; 2 mm Ø; with 500 mm cable

www.wago.com/210-136**Marking accessories****Item no.: 2009-110**

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

www.wago.com/2009-110**Item no.: 2009-113**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white

www.wago.com/2009-113**Item no.: 2009-113/000-002**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow

www.wago.com/2009-113/000-002**Item no.: 2009-113/000-005**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; red

www.wago.com/2009-113/000-005**Item no.: 2009-113/000-006**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue

www.wago.com/2009-113/000-006**Item no.: 2009-113/000-007**

WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray

www.wago.com/2009-113/000-007

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	Item no.: 2009-113/000-012 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange	www.wago.com/2009-113/000-012
	Item no.: 2009-113/000-017 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green	www.wago.com/2009-113/000-017
	Item no.: 2009-113/000-023 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green	www.wago.com/2009-113/000-023
	Item no.: 2009-113/000-024 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet	www.wago.com/2009-113/000-024
	Item no.: 2009-191 Group marker carrier	www.wago.com/2009-191
	Item no.: 793-3501 WMB marking card; as card; plain; snap-on type; white	www.wago.com/793-3501
Push-in type wire jumper		
	Item no.: 2009-402 TOPJOB®S wire jumper; insulated; 60 mm long; conductor cross section 0.75 mm²; suitable for 2000 and 2020 series terminal blocks; gray	www.wago.com/2009-402
	Item no.: 2009-404 TOPJOB®S wire jumper; insulated; 110 mm long; conductor cross section 0.75 mm²; suitable for 2000 and 2020 series terminal blocks; gray	www.wago.com/2009-404
	Item no.: 2009-406 TOPJOB®S wire jumper; insulated; 250 mm long; conductor cross section 0.75 mm²; suitable for 2000 and 2020 series terminal blocks; gray	www.wago.com/2009-406
Carrier rail		
	Item no.: 210-154 Aluminum carrier rail; 1000 mm long; 18 mm wide; 7 mm high; silver-colored	www.wago.com/210-154
Mounting		
	Item no.: 209-120 Mounting foot; can be snapped on terminal blocks with snap-in mounting foot; for mounting on relay-modules; 6.4 mm wide; gray	www.wago.com/209-120
	Item no.: 209-137 Mounting adapter; can be used as end stop; 6.5 mm wide; gray	www.wago.com/209-137

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.2 MB	Download
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Subject to changes. Please also observe the further product documentation!

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CAD files

CAD data

2D/3D Models 2050-317	URL	Download
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CAE data

ZUKEN Portal 2050-317	URL	Download
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EPLAN Data Portal 2050-317	URL	Download
	URL	Download

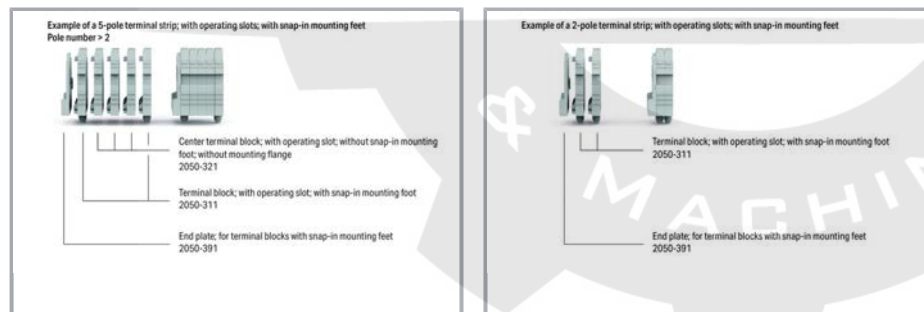
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2050-317	URL	Download
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2-conductor miniature through terminal block; with operating slots; 1 mm²; with test port; side and center marking; with snap-in mounting foot; Push-in CAGE CLAMP®; 1,00 mm²; green-yellow

Installation Notes



Conductor termination

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

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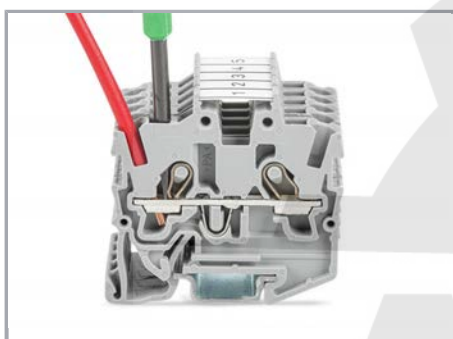
Insert solid conductors via push-in termination.



Insert ferruled conductors via push-in termination.



Insert fine-stranded conductors via operating tool.

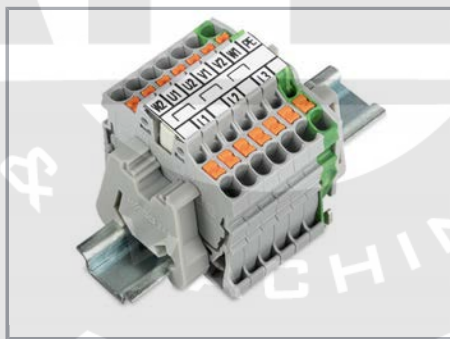


Remove all conductors via operating tool.

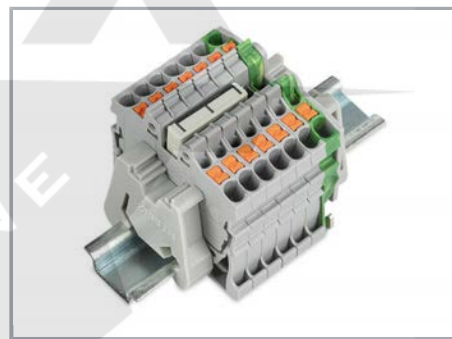
Commoning



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



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



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

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

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

Testing

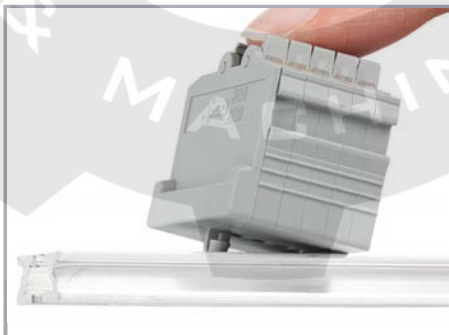


Testing with a 2 mm Ø 210-136 Test Plug (max. 42 V).

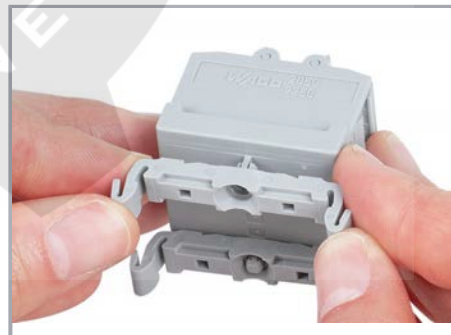
Installation



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



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



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

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

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

Marking



Snapping a WMB marking strip into a marker slot.



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

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](#)

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