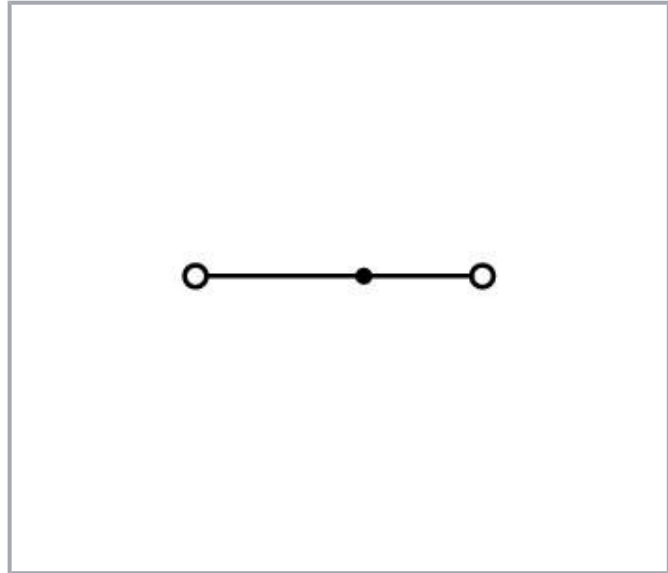


Data sheet | Item number: 2050-327

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

www.wago.com/2050-327



Data

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-in Operating tool
Connectable conductor materials	Copper 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 inch

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

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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We are always happy to take your call at +49 (571) 887-44222.

Total number of connection points	2
Total number of potentials	1
Number of levels	1
Wiring type	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
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	4055143964791
Customs tariff number	85369010000

Approvals / Certificates

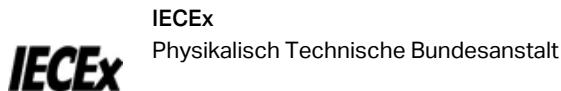
Ex-Approvals

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 or I M 2 EX eb I Mb)
	CCCEX CQST/CNEX	CNCA-C23-01	2020312313000289

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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.2050-307 2-conductor miniature through terminal block; with operating slots; 1 mm ² ; with test port; side and center marking; End terminal block with mounting flange; Push-in CAGE CLAMP®; 1,00 mm ² ; green-yellow	www.wago.com/2050-307
	Item no.2050-317 2-conductor miniature through terminal block; with operating slots; 1 mm ² ; with test port; side and center marking; with snap-in mounting foot; Push-in CAGE CLAMP®; 1,00 mm ² ; green-yellow	www.wago.com/2050-317

Compatible products

Jumper	Item no.: 2000-402 Jumper; 2-way; insulated; light gray	www.wago.com/2000-402
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Subject to changes. Please also observe the further product documentation!



	Item no.: 2000-402/000-005 Jumper; 2-way; insulated; red	www.wago.com/2000-402/000-005
	Item no.: 2000-402/000-006 Jumper; 2-way; insulated; blue	www.wago.com/2000-402/000-006
	Item no.: 2000-402/000-018 Jumper; 2-way; insulated; yellow-green	www.wago.com/2000-402/000-018
	Item no.: 2000-403 Jumper; 3-way; insulated; light gray	www.wago.com/2000-403
	Item no.: 2000-403/000-005 Jumper; 3-way; insulated; red	www.wago.com/2000-403/000-005
	Item no.: 2000-403/000-006 Jumper; 3-way; insulated; blue	www.wago.com/2000-403/000-006
	Item no.: 2000-404 Jumper; 4-way; insulated; light gray	www.wago.com/2000-404
	Item no.: 2000-404/000-005 Jumper; 4-way; insulated; red	www.wago.com/2000-404/000-005
	Item no.: 2000-404/000-006 Jumper; 4-way; insulated; blue	www.wago.com/2000-404/000-006
	Item no.: 2000-405 Jumper; 5-way; insulated; light gray	www.wago.com/2000-405
	Item no.: 2000-405/000-005 Jumper; 5-way; insulated; red	www.wago.com/2000-405/000-005
	Item no.: 2000-405/000-006 Jumper; 5-way; insulated; blue	www.wago.com/2000-405/000-006
	Item no.: 2000-405/011-000 Star point jumper; 3-way; insulated; light gray	www.wago.com/2000-405/011-000

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



Item no.: 2000-406
Jumper; 6-way; insulated; light gray

www.wago.com/2000-406



Item no.: 2000-406/000-005
Jumper; 6-way; insulated; red

www.wago.com/2000-406/000-005



Item no.: 2000-406/000-006
Jumper; 6-way; insulated; blue

www.wago.com/2000-406/000-006



Item no.: 2000-406/020-000
Delta jumper; insulated; light gray

www.wago.com/2000-406/020-000



Item no.: 2000-407
Jumper; 7-way; insulated; light gray

www.wago.com/2000-407



Item no.: 2000-407/000-005
Jumper; 7-way; insulated; red

www.wago.com/2000-407/000-005



Item no.: 2000-407/000-006
Jumper; 7-way; insulated; blue

www.wago.com/2000-407/000-006



Item no.: 2000-408
Jumper; 8-way; insulated; light gray

www.wago.com/2000-408



Item no.: 2000-408/000-005
Jumper; 8-way; insulated; red

www.wago.com/2000-408/000-005



Item no.: 2000-408/000-006
Jumper; 8-way; insulated; blue

www.wago.com/2000-408/000-006



Item no.: 2000-409
Jumper; 9-way; insulated; light gray

www.wago.com/2000-409



Item no.: 2000-409/000-005
Jumper; 9-way; insulated; red

www.wago.com/2000-409/000-005



Item no.: 2000-409/000-006
Jumper; 9-way; insulated; blue

www.wago.com/2000-409/000-006



Item no.: 2000-410
Jumper; 10-way; insulated; light gray

















www.wago.com/2000-410



Item no.: 2000-410/000-005
Jumper; 10-way; insulated; red

www.wago.com/2000-410/000-005

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

	Item no.: 2000-410/000-006 Jumper; 10-way; insulated; blue	www.wago.com/2000-410/000-006
	Item no.: 2000-433 Jumper; from 1 to 3; insulated; light gray	www.wago.com/2000-433
	Item no.: 2000-433/000-005 Jumper; from 1 to 3; insulated; red	www.wago.com/2000-433/000-005
	Item no.: 2000-433/000-006 Jumper; from 1 to 3; insulated; blue	www.wago.com/2000-433/000-006
	Item no.: 2000-434 Jumper; from 1 to 4; insulated; light gray	www.wago.com/2000-434
	Item no.: 2000-435 Jumper; from 1 to 5; insulated; light gray	www.wago.com/2000-435
	Item no.: 2000-436 Jumper; from 1 to 6; insulated; light gray	www.wago.com/2000-436
	Item no.: 2000-437 Jumper; from 1 to 7; insulated; light gray	www.wago.com/2000-437
	Item no.: 2000-438 Jumper; from 1 to 8; insulated; light gray	www.wago.com/2000-438
	Item no.: 2000-439 Jumper; from 1 to 9; insulated; light gray	www.wago.com/2000-439
	Item no.: 2000-440 Jumper; from 1 to 10; insulated; light gray	www.wago.com/2000-440
ferrule		
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	www.wago.com/216-241
	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	www.wago.com/216-242
	Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	www.wago.com/216-243
Push-In type wire jumper		
	Item no.: 2009-402 Push-in type wire jumper; 0.75 mm ² ; insulated; 60 mm long; gray	www.wago.com/2009-402
	Item no.: 2009-404	www.wago.com/2009-404

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

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

www.wago.com/2009-406

check



Item no.: 2009-174

Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray

www.wago.com/2009-174



Item no.: 2009-182

Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

www.wago.com/2009-182



Item no.: 210-136

Test plug; 2 mm Ø; with 500 mm cable; red

www.wago.com/210-136

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



Item no.: 210-719

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

www.wago.com/210-719

Protective Warning Marker



Item no.: 2000-115

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

www.wago.com/2000-115

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

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

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden



Phone: +49571 887-0 | Fax: +49571 887-169

Email: info.de@wago.com | Web: www.wago.com

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	<p>Item no.: 2009-113/000-012 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange</p>	<p>www.wago.com/2009-113/000-012</p>
	<p>Item no.: 2009-113/000-017 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green</p>	<p>www.wago.com/2009-113/000-017</p>
	<p>Item no.: 2009-113/000-023 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green</p>	<p>www.wago.com/2009-113/000-023</p>
	<p>Item no.: 2009-113/000-024 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet</p>	<p>www.wago.com/2009-113/000-024</p>
	<p>Item no.: 2009-191 Group marker carrier</p>	<p>www.wago.com/2009-191</p>
	<p>Item no.: 793-3501 WMB marking card; as card; plain; snap-on type; white</p>	<p>www.wago.com/793-3501</p>

Downloads

Documentation

Additional Information

<p>Technical explanations</p>	<p>3 Apr 2019</p>	<p>pdf 2.2 MB</p>	<p>Download</p>
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CAD/CAE-Data

CAE data

<p>EPLAN Data Portal 2050-327</p>	<p>URL</p>	<p>Download</p>
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<p>ZUKEN Portal 2050-327</p>	<p>URL</p>	<p>Download</p>
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CAD data

<p>2D/3D Models 2050-327</p>	<p>URL</p>	<p>Download</p>
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Environmental Product Compliance

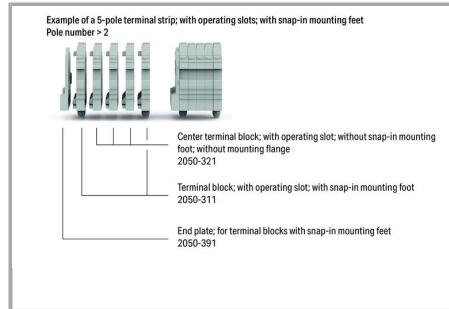
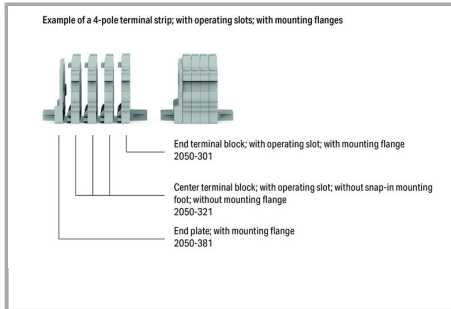
Compliance Search

<p>Environmental Product Compliance 2050-327</p>	<p>URL</p>	<p>Download</p>
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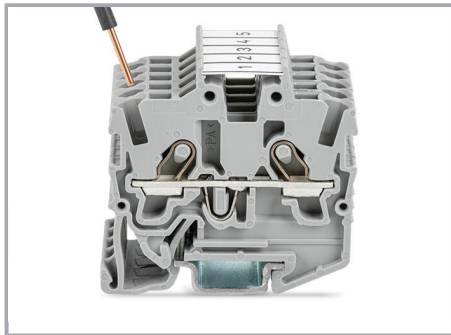
Subject to changes. Please also observe the further product documentation!

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

Installation Notes



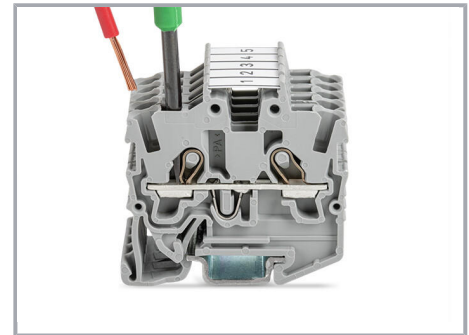
Conductor termination



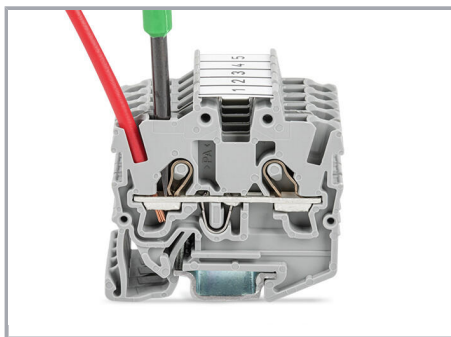
Insert solid conductors via push-in termination.



Insert ferruled conductors via push-in termination.



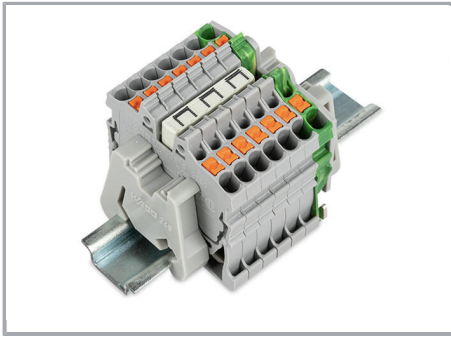
Insert fine-stranded conductors via operating tool.



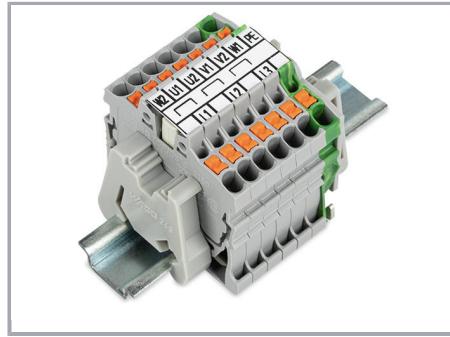
Remove all conductors via operating tool.

Commoning

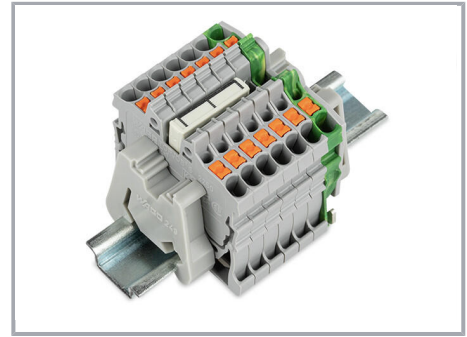
Subject to changes. Please also observe the further product documentation!



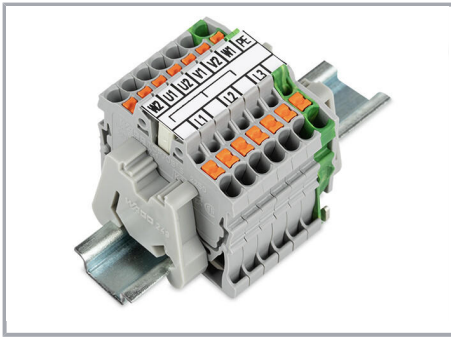
Insert a jumper (delta jumper) and push down until it hits the backstop (picture shows terminal blocks with push-buttons).



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

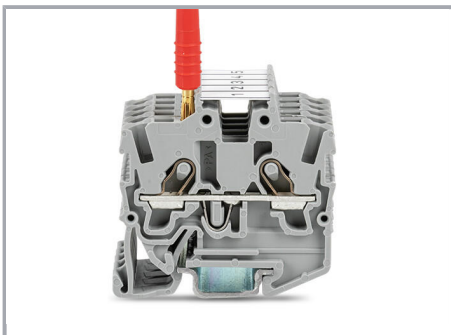


Insert a jumper (star point jumper) and push down until it hits the backstop (picture shows terminal blocks with push-buttons).



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)

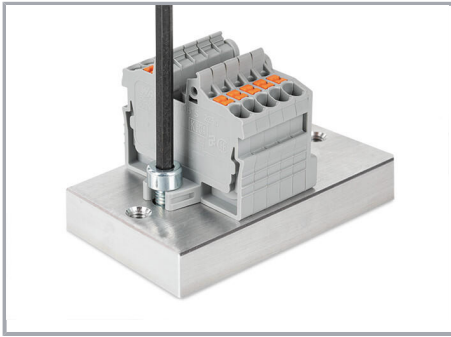
Testing



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

Installation

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

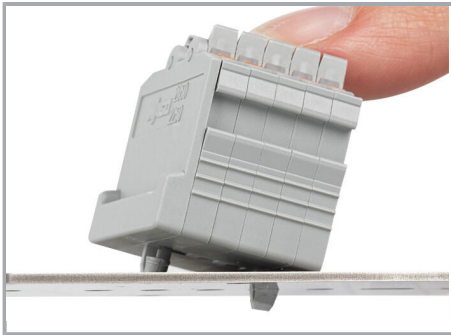


Mounting and securing a terminal strip directly to the plate via screw-type flanges (picture shows terminal blocks with push-buttons).



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

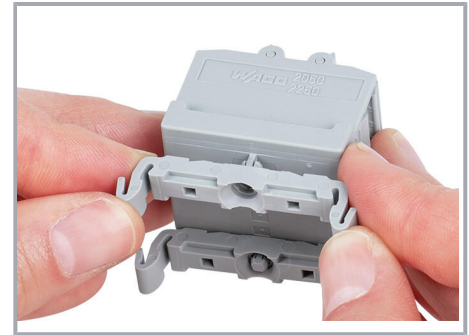
Installation



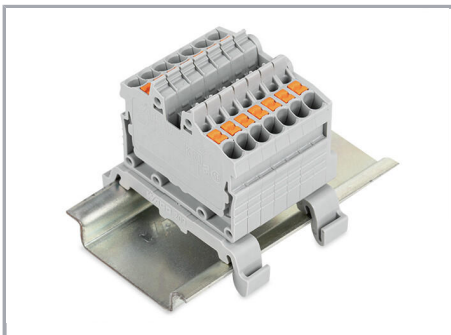
Mounting a terminal strip with snap-in feet into holes.



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



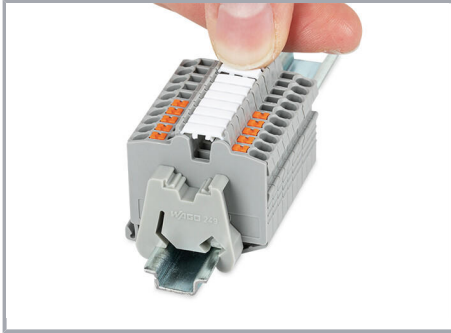
Terminal strip; with snap-in mounting feet
Snapping a mounting foot (209-120)
(Distance between mounting feet: approx. 20 ... 25 mm)



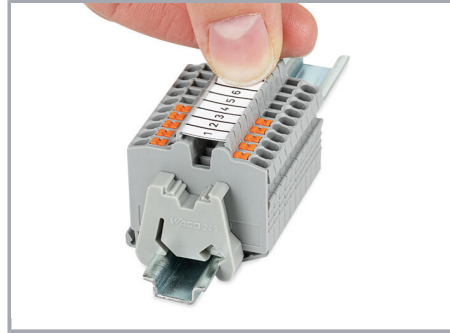
Terminal strip; with snap-in mounting feet; for DIN-35 rail (209-120 Mounting Foot) (picture shows terminal blocks with push-buttons)

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

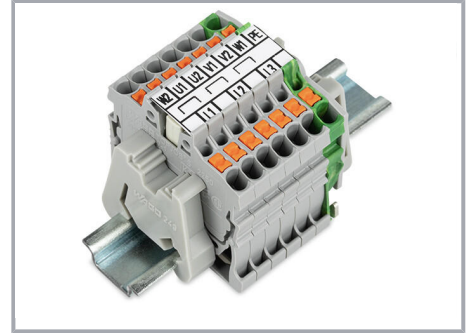
Marking



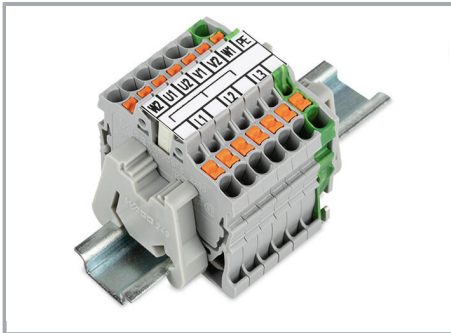
Snapping a WMB marking strip into a marker slot.



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



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

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](#)

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