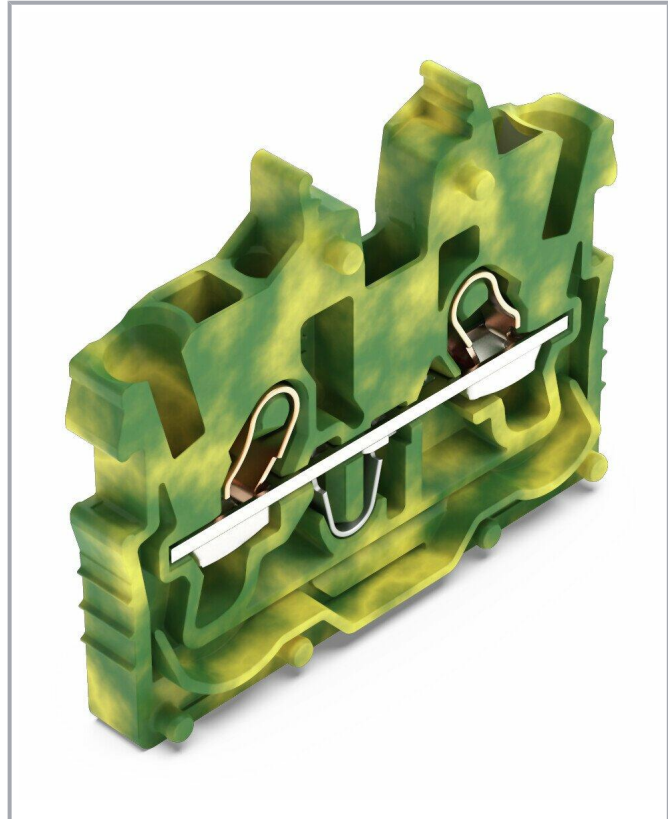


Data sheet | Item number: 2050-327

2-conductor miniature through terminal block; with operating slots; 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; green-yellow

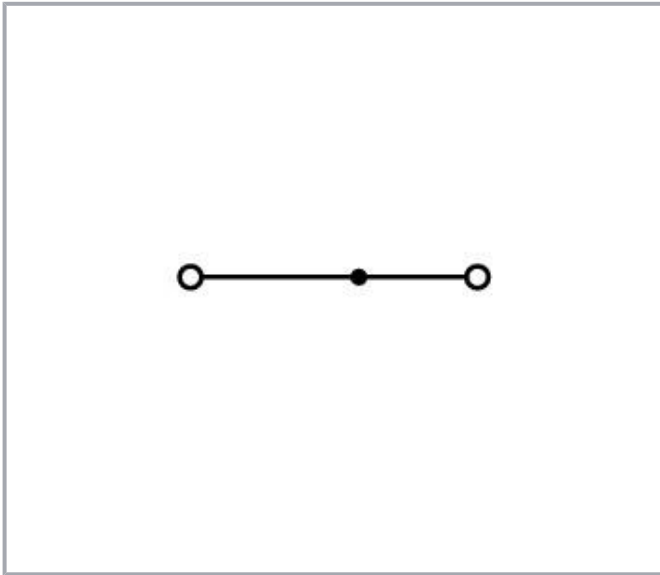
www.wago.com/2050-327



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

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Data

Electrical data

Ex information

Reference hazardous areas

See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications"

Power loss

Power loss, per pole (potential)	0.434 W
Rated current I_N for specified power loss	13.5 A
Resistance value for specified, current-dependent power loss	0.002 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	Operating tool

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



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

Environmental requirements

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

Commercial data

ETIM 8.0	EC001284
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ETIM 7.0	EC001284
PU (SPU)	100 pcs
Packaging type	box
Country of origin	DE
GTIN	4055143964791
Customs tariff number	85369010000

Environmental Product Compliance


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

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60998	NTR NL 7840
	CCC CNEX	GB/T 3836.3	2020312313000289 (Ex eb IIC Gb, Ex eb I Mb)
	CSA CSA	C22.2 No. 158	80034182
	cURus Underwriters Laboratories Inc.	UL 1059	E45172
	KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-113957

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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UK-Declaration of Conformity
WAGO GmbH & Co. KG

Approvals for hazardous areas

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)
	CCC CNEX	GB/T 3836.3	2020312313000289 (Ex eb IIC Gb, Ex eb I Mb)
	IECEX Physikalisch Technische Bundesanstalt	IEC 60079	IECEX PTB 19.0050U (Ex eb IIC Gb or EX eb I Mb)
	INMETRO TÜV Rheinland do Brasil Ltda.	IEC 60079	TÜV 22.0014 U

Counterpart



Item no.2050-307

2-conductor miniature through terminal block; with operating slots; 1 mm²; End terminal block with mounting flange; side and center marking; with test port; Push-in CAGE CLAMP®; 1,00 mm²; green-yellow

www.wago.com/2050-307



Item no.2050-317

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

www.wago.com/2050-317

Required accessories

End plate

End plate



Item no.: 2050-381

End plate; with fixing flange; 1.3 mm thick; gray

www.wago.com/2050-381

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

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Optional accessories

Protective warning marker

Cover



Item no.: 2000-115

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

www.wago.com/2000-115

Jumpers

Jumper



Item no.: 2000-408

Jumper; 8-way; insulated; light gray

www.wago.com/2000-408

Item no.: 2000-407

Jumper; 7-way; insulated; light gray

www.wago.com/2000-407

Item no.: 2000-409

Jumper; 9-way; insulated; light gray

www.wago.com/2000-409

Item no.: 2000-408/000-006

Jumper; 8-way; insulated; blue

www.wago.com/2000-408

/000-006



Item no.: 2000-408/000-005

Jumper; 8-way; insulated; red

www.wago.com/2000-408

/000-005



Item no.: 2000-409/000-005

Jumper; 9-way; insulated; red

www.wago.com/2000-409

/000-005



Item no.: 2000-407/000-006

Jumper; 7-way; insulated; blue

www.wago.com/2000-407

/000-006



Item no.: 2000-410

Jumper; 10-way; insulated; light gray

www.wago.com/2000-410

Item no.: 2000-410/000-006

Jumper; 10-way; insulated; blue

www.wago.com/2000-410

/000-006



Item no.: 2000-433/000-005

Jumper; from 1 to 3; insulated; red

www.wago.com/2000-433

/000-005



Item no.: 2000-407/000-005

Jumper; 7-way; insulated; red

www.wago.com/2000-407

/000-005



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

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Item no.: 2000-433/000-006
 Jumper; from 1 to 3; insulated; blue

www.wago.com/2000-433/000-006



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

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



Item no.: 2000-435
 Jumper; from 1 to 5; insulated; light gray

www.wago.com/2000-435



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

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



Item no.: 2000-436
 Jumper; from 1 to 6; insulated; light gray

www.wago.com/2000-436



Item no.: 2000-433
 Jumper; from 1 to 3; insulated; light gray

www.wago.com/2000-433



Item no.: 2000-434
 Jumper; from 1 to 4; insulated; light gray

www.wago.com/2000-434



Item no.: 2000-402
 Jumper; 2-way; insulated; light gray

www.wago.com/2000-402



Item no.: 2000-402/000-006
 Jumper; 2-way; insulated; blue

www.wago.com/2000-402/000-006



Item no.: 2000-403
 Jumper; 3-way; insulated; light gray

www.wago.com/2000-403



Item no.: 2000-402/000-005
 Jumper; 2-way; insulated; red

www.wago.com/2000-402/000-005



Item no.: 2000-402/000-018
 Jumper; 2-way; insulated; yellow-green

www.wago.com/2000-402/000-018



Item no.: 2000-404
 Jumper; 4-way; insulated; light gray

www.wago.com/2000-404



Item no.: 2000-403/000-005
 Jumper; 3-way; insulated; red















www.wago.com/2000-403/000-005



Item no.: 2000-404/000-006
 Jumper; 4-way; insulated; blue

www.wago.com/2000-404/000-006




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

	Item no.: 2000-403/000-006 Jumper; 3-way; insulated; blue	www.wago.com/2000-403/000-006
	Item no.: 2000-404/000-005 Jumper; 4-way; insulated; red	www.wago.com/2000-404/000-005
	Item no.: 2000-405 Jumper; 5-way; insulated; light gray	www.wago.com/2000-405
	Item no.: 2000-405/011-000 Star point jumper; 3-way; insulated; light gray	www.wago.com/2000-405/011-000
	Item no.: 2000-405/000-006 Jumper; 5-way; insulated; blue	www.wago.com/2000-405/000-006
	Item no.: 2000-406/000-006 Jumper; 6-way; insulated; blue	www.wago.com/2000-406/000-006
	Item no.: 2000-405/000-005 Jumper; 5-way; insulated; red	www.wago.com/2000-405/000-005
	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.: 2000-406/020-000 Delta jumper; insulated; light gray	www.wago.com/2000-406/020-000
	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










Testing and measuring

Testing accessories













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

	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 mm ² ; 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

Marking accessories

Marking strip		
	Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110
Marker		
	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.: 2009-113/000-012 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange	www.wago.com/2009-113/000-012
	Item no.: 2009-113/000-007 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray	www.wago.com/2009-113/000-007
	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.: 2009-113/000-017 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green	www.wago.com/2009-113/000-017
	Item no.: 2009-113/000-006 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue	www.wago.com/2009-113/000-006
	Item no.: 2009-113/000-024 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet	www.wago.com/2009-113/000-024

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

	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.: 793-3501 WMB marking card; as card; plain; snap-on type; white	www.wago.com/793-3501
Group marker carrier		
	Item no.: 2009-191 Group marker carrier; gray	www.wago.com/2009-191
Ferrule		
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
Tool		
Operating tool		
	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.: 210-647 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured	www.wago.com/210-647
	Item no.: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-719
Push-in type wire jumper		
Jumper		
	Item no.: 2009-404 Push-in type wire jumper; 0.75 mm ² ; insulated; 110 mm long; gray	www.wago.com/2009-404
	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.: 2009-406 Push-in type wire jumper; 0.75 mm ² ; insulated; 250 mm long; gray	www.wago.com/2009-406

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

Downloads

Documentation

Additional Information

Technical Section	pdf	Download
Technical explanations	2.2 MB	

CAD/CAE-Data

CAE data

EPLAN Data Portal 2050-327	URL	Download
ZUKEN Portal 2050-327	URL	Download

CAD data

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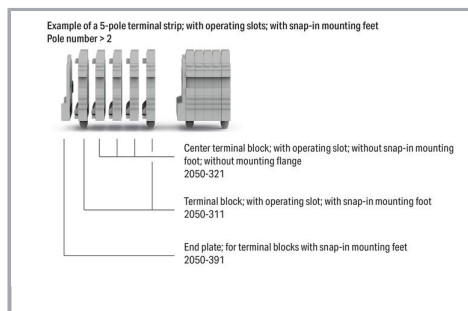
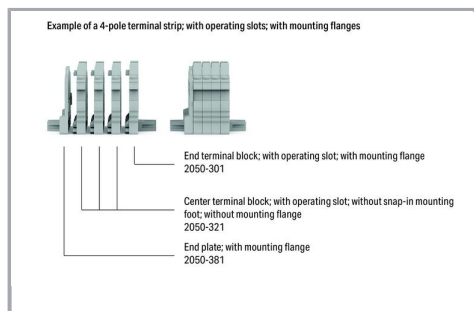
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2050-327	URL	Download
2-conductor miniature through terminal block; with operating slots; 1 mm ² ; Center terminal block without snap-in mounting foot, without mounting flange; side and center marking; with test port; Push-in CAGE CLAMP®; 1,00 mm ² ; green-yellow		

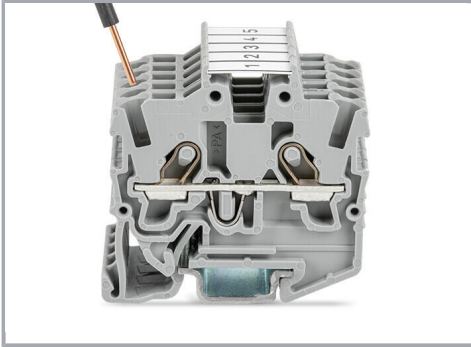
Installation Notes

Installation



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

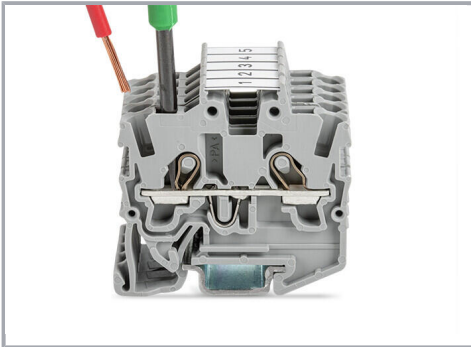
Conductor termination



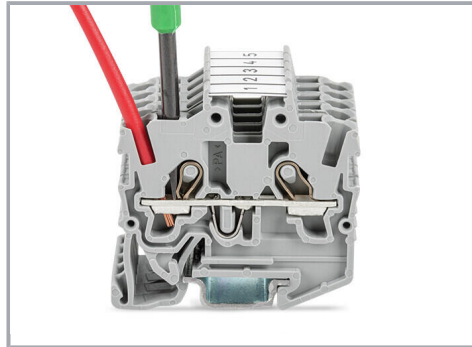
Insert solid conductors via push-in termination.



Insert ferruled conductors via push-in termination.



Insert fine-stranded conductors via operating tool.

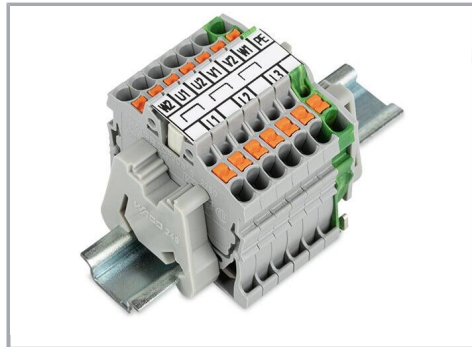


Remove all conductors via operating tool.

Commoning

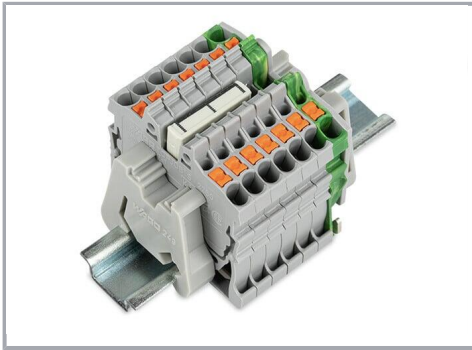


Insert a delta jumper and push down until it hits the backstop (example shows terminal blocks with push-buttons).

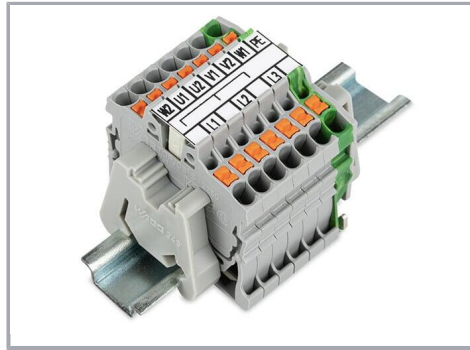


Marking strip (2009-110) inserted in the marking slot with jumper symbols of the inserted jumper (delta jumper) (example shows terminal blocks with push-buttons)

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



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



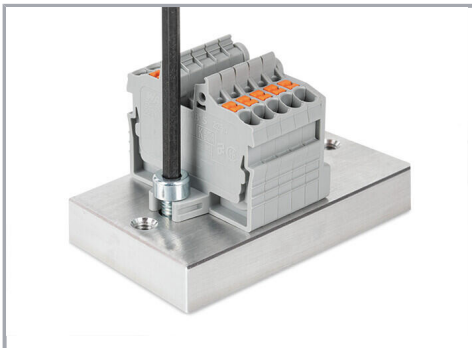
Marking strip (2009-110) inserted in the marking slot with jumper symbols of the inserted jumper (2000-405/011-000 Delta Jumper) (example shows terminal blocks with push-buttons)

Testing



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

Installation



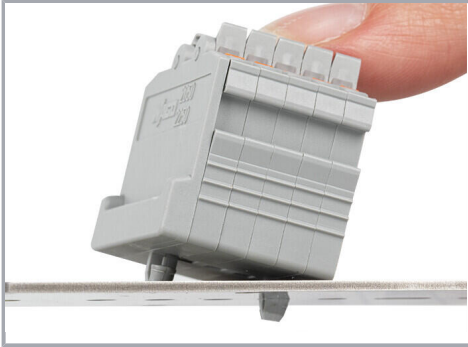
Mounting and securing a terminal strip directly to the plate via screw-type flanges (example shows terminal blocks with push-buttons).



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

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

Installation



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

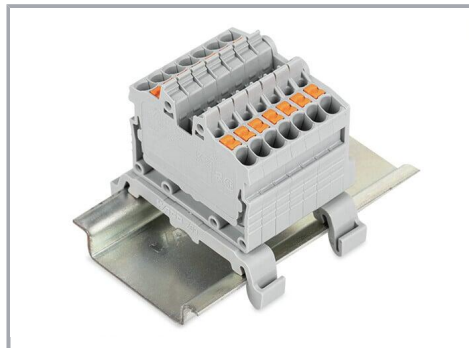


Mounting a terminal strip with snap-in feet onto aluminum rail.



Snapping a mounting foot (209-120) to a terminal strip with snap-in mounting feet.

(Distance between mounting feet: approx. 20 ... 25 mm)

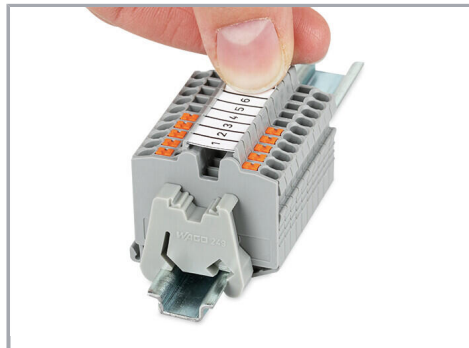


Terminal strip; with snap-in mounting feet; for DIN-35 rail (209-120 Mounting Foot) (example shows terminal blocks with push-buttons)

Marking



Snapping a marking strip into the marker slot.



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

Product family

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



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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