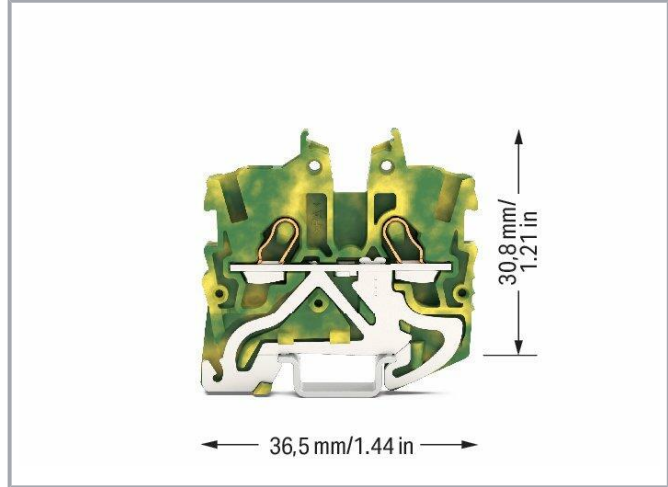


Data sheet | Item number: 2050-1207

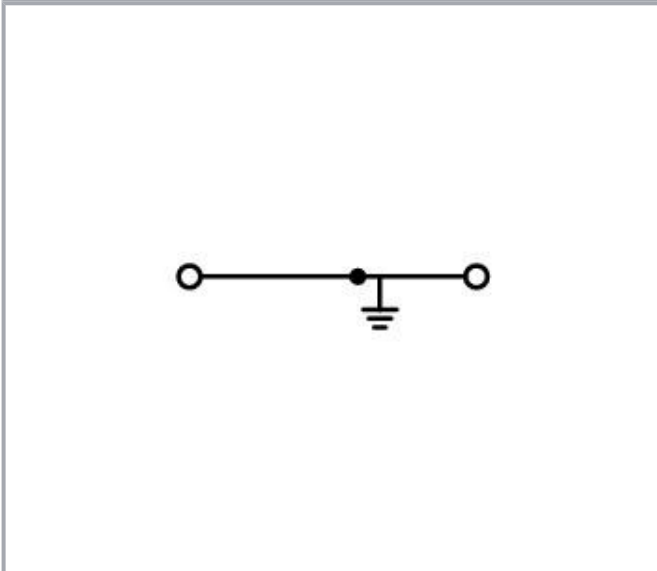
TOPJOB®S miniature ground terminal block; DIN-15 rail mount; 2-conductor;  
3.5 mm wide; green-yellow



[www.wago.com/2050-1207](http://www.wago.com/2050-1207)



Color: 



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## Data

### Electrical data

### IEC Approvals

Ratings per	IEC/EN 60947-7-2
-------------	------------------

### Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-in Open Tool Slot
Connectable conductor materials	Copper Copper
Nominal cross-section	1 mm <sup>2</sup>
Solid conductor	0.14 ... 1.5 mm <sup>2</sup> / 24 ... 16 AWG
Solid conductor; push-in termination	0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 24 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.14 ... 0.75 mm <sup>2</sup> / 24 ... 18 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 ... 0.75 mm <sup>2</sup> / 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	34 mm / 1.339 inch
Depth from upper edge of DIN-rail	28 mm / 1.102 inch

### Mechanical data

Design	horizontal type
Mounting type	DIN-15 rail
Marking level	Center/side marking

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## Material data





Color	green-yellow
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Weight	3 g

## Commercial data


Packaging type	BOX
Country of origin	DE
GTIN	4055143981545
Customs tariff number	8536904000

## Approvals / Certificates

### Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	AEx Underwriters Laboratories Inc.	UL 60079	E185892
	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
	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 60947	NTR NL 7839
	CCA DEKRA Certification B.V.	EN 60998	NTR NL 7840

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CCA

CSA  
CSA

C22.2 No. 158

80034182

KEMA/KEUR  
DEKRA Certification B.V.


EN 60947

71-  
113930KEMA/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

## Required accessories

## End plates



	Item no.: 2050-1291 End and intermediate plate; 1.1 mm thick; gray	<a href="http://www.wago.com/2050-1291">www.wago.com/2050-1291</a>
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## Optional accessories

## Mounting

	Item no.: 249-101 Screwless end stop; 6 mm wide; for WMB markers; gray	<a href="http://www.wago.com/249-101">www.wago.com/249-101</a>
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## Testing accessories

	Item no.: 2009-174 TOPJOB®S test plug adapter; for test plug 4 mm Ø; for testing TOPJOB®S terminal blocks; gray	<a href="http://www.wago.com/2009-174">www.wago.com/2009-174</a>
	Item no.: 2009-182 TOPJOB®S testing tap; tool-free; 12 AWG max; for testing TOPJOB®S terminal blocks; gray	<a href="http://www.wago.com/2009-182">www.wago.com/2009-182</a>

Item no.: 210-136

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











	Test plug; 2 mm Ø; with 500 mm cable	<a href="http://www.wago.com/210-136">www.wago.com/210-136</a>
	<b>Item no.: 210-137</b> Test plug; 2.3 mm Ø; with 500 mm cable	<a href="http://www.wago.com/210-137">www.wago.com/210-137</a>
<b>Push-in type wire jumper</b>		
	<b>Item no.: 2009-402</b> TOPJOB®S wire jumper; insulated; 60 mm long; conductor cross section 0.75 mm <sup>2</sup> ; suitable for 2000 and 2020 series terminal blocks; gray	<a href="http://www.wago.com/2009-402">www.wago.com/2009-402</a>
	<b>Item no.: 2009-404</b> TOPJOB®S wire jumper; insulated; 110 mm long; conductor cross section 0.75 mm <sup>2</sup> ; suitable for 2000 and 2020 series terminal blocks; gray	<a href="http://www.wago.com/2009-404">www.wago.com/2009-404</a>
	<b>Item no.: 2009-406</b> TOPJOB®S wire jumper; insulated; 250 mm long; conductor cross section 0.75 mm <sup>2</sup> ; suitable for 2000 and 2020 series terminal blocks; gray	<a href="http://www.wago.com/2009-406">www.wago.com/2009-406</a>
<b>Tools</b>		
	<b>Item no.: 210-647</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured	<a href="http://www.wago.com/210-647">www.wago.com/210-647</a>
	<b>Item no.: 210-648</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short	<a href="http://www.wago.com/210-648">www.wago.com/210-648</a>
	<b>Item no.: 210-719</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-719">www.wago.com/210-719</a>
<b>Carrier rail</b>		
	<b>Item no.: 210-111</b> Steel carrier rail; 15 x 5.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-111">www.wago.com/210-111</a>
	<b>Item no.: 210-295</b> Steel carrier rail; 15 x 5.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="http://www.wago.com/210-295">www.wago.com/210-295</a>
	<b>Item no.: 210-296</b> Aluminum carrier rail; 15 x 5.5 mm; 1 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-296">www.wago.com/210-296</a>
<b>Marking accessories</b>		
	<b>Item no.: 2009-110</b> Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
	<b>Item no.: 2009-113</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white	<a href="http://www.wago.com/2009-113">www.wago.com/2009-113</a>
	<b>Item no.: 2009-113/000-002</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-113/000-002">www.wago.com/2009-113/000-002</a>
	<b>Item no.: 2009-113/000-005</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; red	<a href="http://www.wago.com/2009-113/000-005">www.wago.com/2009-113/000-005</a>

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	<b>Item no.: 2009-113/000-006</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue	<a href="http://www.wago.com/2009-113/000-006">www.wago.com/2009-113/000-006</a>
	<b>Item no.: 2009-113/000-007</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray	<a href="http://www.wago.com/2009-113/000-007">www.wago.com/2009-113/000-007</a>
	<b>Item no.: 2009-113/000-012</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange	<a href="http://www.wago.com/2009-113/000-012">www.wago.com/2009-113/000-012</a>
	<b>Item no.: 2009-113/000-017</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green	<a href="http://www.wago.com/2009-113/000-017">www.wago.com/2009-113/000-017</a>
	<b>Item no.: 2009-113/000-023</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green	<a href="http://www.wago.com/2009-113/000-023">www.wago.com/2009-113/000-023</a>
	<b>Item no.: 2009-113/000-024</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet	<a href="http://www.wago.com/2009-113/000-024">www.wago.com/2009-113/000-024</a>
	<b>Item no.: 2009-191</b> Group marker carrier	<a href="http://www.wago.com/2009-191">www.wago.com/2009-191</a>
	<b>Item no.: 793-3501</b> WMB marking card; as card; plain; snap-on type; white	<a href="http://www.wago.com/793-3501">www.wago.com/793-3501</a>
<b>Protective warning marker</b>		
	<b>Item no.: 2000-115</b> TOPJOB®S protective warning marker; with high-voltage symbol, for 2000 series terminal blocks; for 5 terminal blocks	<a href="http://www.wago.com/2000-115">www.wago.com/2000-115</a>
<b>Ferrules</b>		
	<b>Item no.: 216-241</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	<a href="http://www.wago.com/216-241">www.wago.com/216-241</a>
	<b>Item no.: 216-242</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	<a href="http://www.wago.com/216-242">www.wago.com/216-242</a>
	<b>Item no.: 216-243</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	<a href="http://www.wago.com/216-243">www.wago.com/216-243</a>
<b>Jumpers</b>		
	<b>Item no.: 2000-402</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way; light-gray	<a href="http://www.wago.com/2000-402">www.wago.com/2000-402</a>
	<b>Item no.: 2000-402/000-005</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way; red	<a href="http://www.wago.com/2000-402/000-005">www.wago.com/2000-402/000-005</a>

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	<b>Item no.: 2000-402/000-006</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way; blue	<a href="http://www.wago.com/2000-402/000-006">www.wago.com/2000-402/000-006</a>
	<b>Item no.: 2000-402/000-018</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way; green-yellow	<a href="http://www.wago.com/2000-402/000-018">www.wago.com/2000-402/000-018</a>
	<b>Item no.: 2000-403</b> TOPJOB®S jumper; for 2000 series; insulated; 3-way; light-gray	<a href="http://www.wago.com/2000-403">www.wago.com/2000-403</a>
	<b>Item no.: 2000-403/000-005</b> TOPJOB®S jumper; for 2000 series; insulated; 3-way; red	<a href="http://www.wago.com/2000-403/000-005">www.wago.com/2000-403/000-005</a>
	<b>Item no.: 2000-403/000-006</b> TOPJOB®S jumper; for 2000 series; insulated; 3-way; blue	<a href="http://www.wago.com/2000-403/000-006">www.wago.com/2000-403/000-006</a>
	<b>Item no.: 2000-404</b> TOPJOB®S jumper; for 2000 series; insulated; 4-way; light-gray	<a href="http://www.wago.com/2000-404">www.wago.com/2000-404</a>
	<b>Item no.: 2000-404/000-005</b> TOPJOB®S jumper; for 2000 series; insulated; 4-way; red	<a href="http://www.wago.com/2000-404/000-005">www.wago.com/2000-404/000-005</a>
	<b>Item no.: 2000-404/000-006</b> TOPJOB®S jumper; for 2000 series; insulated; 4-way; blue	<a href="http://www.wago.com/2000-404/000-006">www.wago.com/2000-404/000-006</a>
	<b>Item no.: 2000-405</b> TOPJOB®S jumper; for 2000 series; insulated; 5-way; light-gray	<a href="http://www.wago.com/2000-405">www.wago.com/2000-405</a>
	<b>Item no.: 2000-405/000-005</b> TOPJOB®S jumper; for 2000 series; insulated; 5-way; red	<a href="http://www.wago.com/2000-405/000-005">www.wago.com/2000-405/000-005</a>
	<b>Item no.: 2000-405/000-006</b> TOPJOB®S jumper; for 2000 series; insulated; 5-way; blue	<a href="http://www.wago.com/2000-405/000-006">www.wago.com/2000-405/000-006</a>
	<b>Item no.: 2000-405/011-000</b> TOPJOB®S jumper; Wye configuration; for 2000 series; insulated; 3-way (1-3-5); light-gray	<a href="http://www.wago.com/2000-405/011-000">www.wago.com/2000-405/011-000</a>
	<b>Item no.: 2000-406</b> TOPJOB®S jumper; for 2000 series; insulated; 6-way; light-gray	<a href="http://www.wago.com/2000-406">www.wago.com/2000-406</a>
	<b>Item no.: 2000-406/000-005</b> TOPJOB®S jumper; for 2000 series; insulated; 6-way; red	<a href="http://www.wago.com/2000-406/000-005">www.wago.com/2000-406/000-005</a>

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	<b>Item no.: 2000-406/000-006</b> TOPJOB®S jumper; for 2000 series; insulated; 6-way; blue	<a href="http://www.wago.com/2000-406/000-006">www.wago.com/2000-406/000-006</a>
	<b>Item no.: 2000-406/020-000</b> TOPJOB®S jumper; Delta configuration; for 2000 series; insulated; 6-way (1-2, 3-4, 5-6); light-gray	<a href="http://www.wago.com/2000-406/020-000">www.wago.com/2000-406/020-000</a>
	<b>Item no.: 2000-407</b> TOPJOB®S jumper; for 2000 series; insulated; 7-way; light-gray	<a href="http://www.wago.com/2000-407">www.wago.com/2000-407</a>
	<b>Item no.: 2000-407/000-005</b> TOPJOB®S jumper; for 2000 series; insulated; 7-way; red	<a href="http://www.wago.com/2000-407/000-005">www.wago.com/2000-407/000-005</a>
	<b>Item no.: 2000-407/000-006</b> TOPJOB®S jumper; for 2000 series; insulated; 7-way; blue	<a href="http://www.wago.com/2000-407/000-006">www.wago.com/2000-407/000-006</a>
	<b>Item no.: 2000-408</b> TOPJOB®S jumper; for 2000 series; insulated; 8-way; light-gray	<a href="http://www.wago.com/2000-408">www.wago.com/2000-408</a>
	<b>Item no.: 2000-408/000-005</b> TOPJOB®S jumper; for 2000 series; insulated; 8-way; red	<a href="http://www.wago.com/2000-408/000-005">www.wago.com/2000-408/000-005</a>
	<b>Item no.: 2000-408/000-006</b> TOPJOB®S jumper; for 2000 series; insulated; 8-way; blue	<a href="http://www.wago.com/2000-408/000-006">www.wago.com/2000-408/000-006</a>
	<b>Item no.: 2000-409</b> TOPJOB®S jumper; for 2000 series; insulated; 9-way; light-gray	<a href="http://www.wago.com/2000-409">www.wago.com/2000-409</a>
	<b>Item no.: 2000-409/000-005</b> TOPJOB®S jumper; for 2000 series; insulated; 9-way; red	<a href="http://www.wago.com/2000-409/000-005">www.wago.com/2000-409/000-005</a>
	<b>Item no.: 2000-409/000-006</b> TOPJOB®S jumper; for 2000 series; insulated; 9-way; blue	<a href="http://www.wago.com/2000-409/000-006">www.wago.com/2000-409/000-006</a>
	<b>Item no.: 2000-410</b> TOPJOB®S jumper; for 2000 series; insulated; 10-way; light-gray	<a href="http://www.wago.com/2000-410">www.wago.com/2000-410</a>
	<b>Item no.: 2000-410/000-005</b> TOPJOB®S jumper; for 2000 series; insulated; 10-way; red	<a href="http://www.wago.com/2000-410/000-005">www.wago.com/2000-410/000-005</a>
	<b>Item no.: 2000-410/000-006</b> TOPJOB®S jumper; for 2000 series; insulated; 10-way; blue	<a href="http://www.wago.com/2000-410/000-006">www.wago.com/2000-410/000-006</a>

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	<b>Item no.: 2000-433</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-3); light-gray	<a href="http://www.wago.com/2000-433">www.wago.com/2000-433</a>
	<b>Item no.: 2000-433/000-005</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-3); red	<a href="http://www.wago.com/2000-433/000-005">www.wago.com/2000-433/000-005</a>
	<b>Item no.: 2000-433/000-006</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-3); blue	<a href="http://www.wago.com/2000-433/000-006">www.wago.com/2000-433/000-006</a>
	<b>Item no.: 2000-434</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-4); light-gray	<a href="http://www.wago.com/2000-434">www.wago.com/2000-434</a>
	<b>Item no.: 2000-435</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-5); light-gray	<a href="http://www.wago.com/2000-435">www.wago.com/2000-435</a>
	<b>Item no.: 2000-436</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-6); light-gray	<a href="http://www.wago.com/2000-436">www.wago.com/2000-436</a>
	<b>Item no.: 2000-437</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-7); light-gray	<a href="http://www.wago.com/2000-437">www.wago.com/2000-437</a>
	<b>Item no.: 2000-438</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-8); light-gray	<a href="http://www.wago.com/2000-438">www.wago.com/2000-438</a>
	<b>Item no.: 2000-439</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-9); light-gray	<a href="http://www.wago.com/2000-439">www.wago.com/2000-439</a>
	<b>Item no.: 2000-440</b> TOPJOB®S jumper; for 2000 series; insulated; 2-way (1-10); light-gray	<a href="http://www.wago.com/2000-440">www.wago.com/2000-440</a>
	<b>Item no.: 210-103</b> Wire commoning chain; insulated; black	<a href="http://www.wago.com/210-103">www.wago.com/210-103</a>
	<b>Item no.: 210-123</b> Wire commoning chain; insulated; blue	<a href="http://www.wago.com/210-123">www.wago.com/210-123</a>

## Downloads

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 2.2 MB	Download
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## CAD files

### CAE data

EPLAN Data Portal 2050-1207	URL	Download
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ZUKEN Portal 2050-1207

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### CAD data

2D/3D Models 2050-1207

[URL](#) [Download](#)

## Environmental Product Compliance

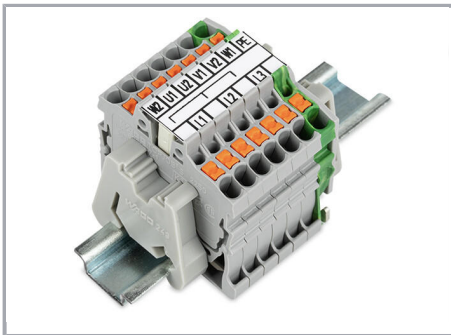
### Compliance Search

Environmental Product Compliance 2050-1207

[URL](#) [Download](#)

2-conductor miniature ground terminal block; with operating slots; 1 mm<sup>2</sup>; with test port; side and center marking; for DIN-15 rail; Push-in CAGE CLAMP®; 1,00 mm<sup>2</sup>; green-yellow

## Installation Notes



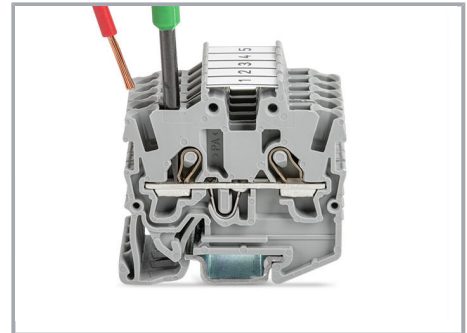
### Conductor termination



Insert solid conductors via push-in termination.

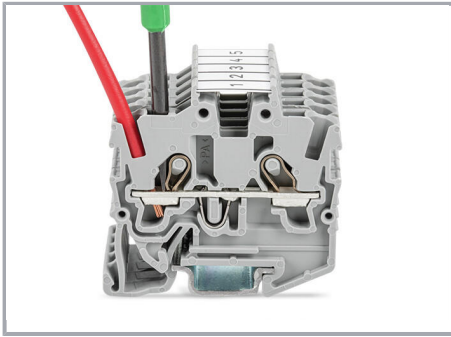


Insert ferruled conductors via push-in termination.



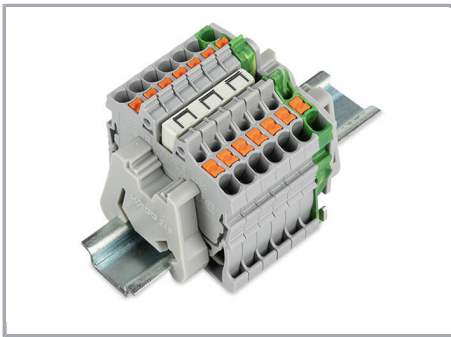
Insert fine-stranded conductors via operating tool.

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

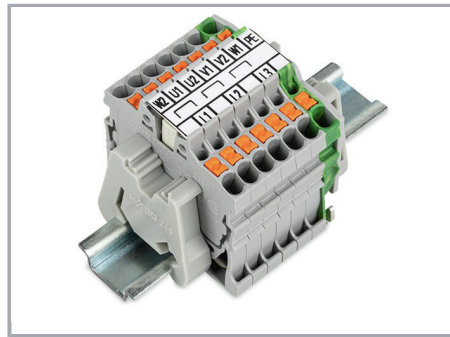


Remove all conductors via operating tool.

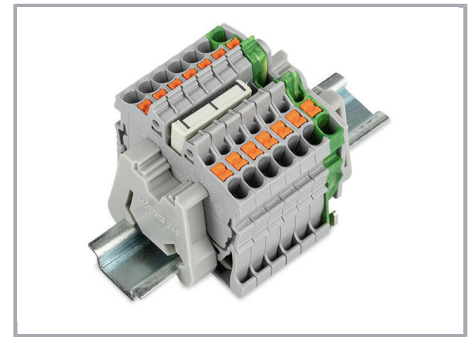
### Commoning



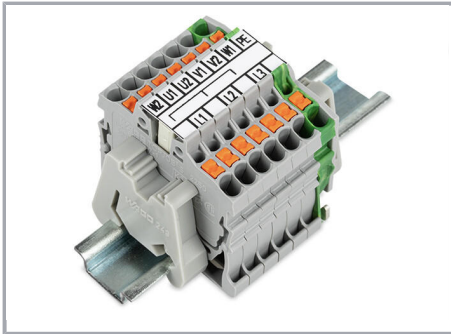
Insert a jumper (delta jumper) and push down until it hits the backstop (picture shows terminal blocks with push-buttons).



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).



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

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

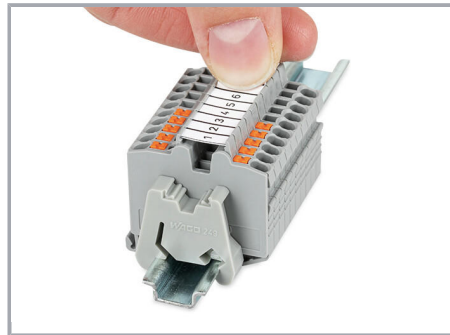


Testing with a 2 mm Ø 210-136 Test Plug (max. 42 V).

### 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.

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