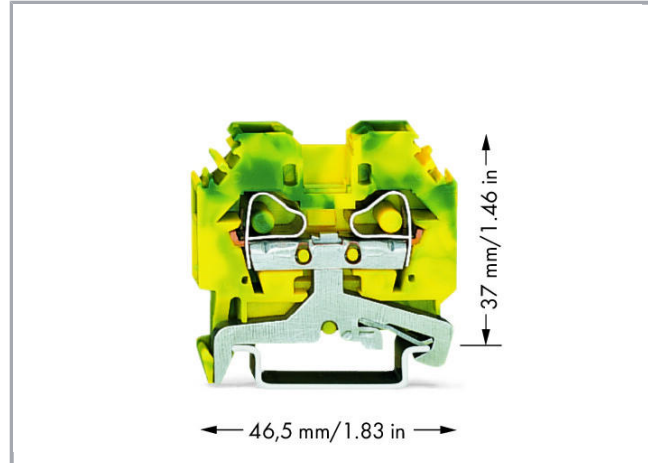
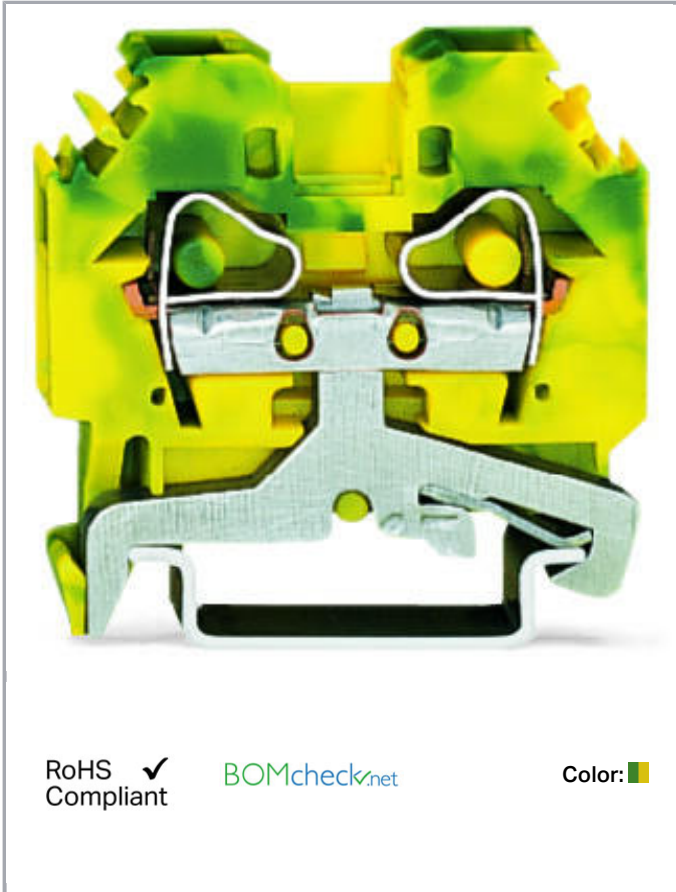


**Data sheet | Item number: 282-107**

2-conductor ground terminal block; 6 mm<sup>2</sup>; lateral marker slots; for DIN-rail  
35 x 15 and 35 x 7.5; CAGE CLAMP®; 6,00 mm<sup>2</sup>; green-yellow



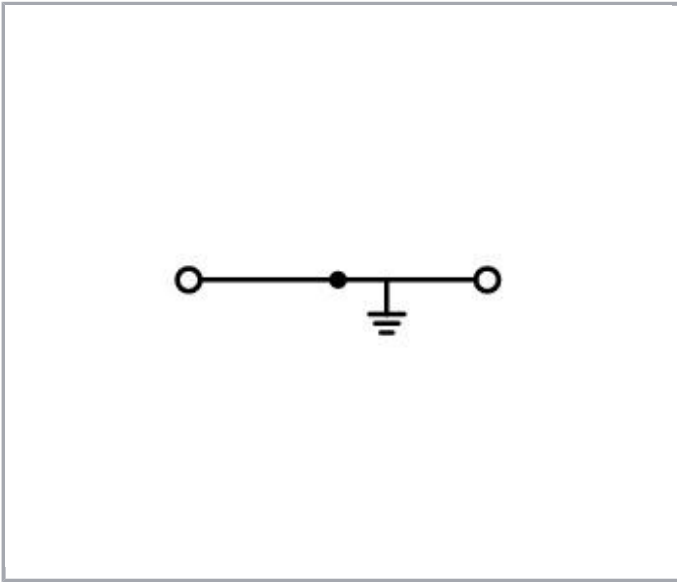
[www.wago.com/282-107](http://www.wago.com/282-107)



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

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## Data

### Electrical data

### Ratings per IEC/EN 60664-1

Ratings per

IEC/EN 60947-7-2

### Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0,2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG
Fine-stranded conductor	0,2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG
Strip length	12 ... 13 mm / 0.47 ... 0.51 inch
Total number of connection points	2
Total number of potentials	1
Number of levels	1
Type of wiring	Side-entry wiring

### Geometrical Data

Width	8 mm / 0.315 inch
Height from upper-edge of DIN-35 rail	37 mm / 1.457 inch
Depth	46,5 mm / 1.831 inch

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

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## Mechanical data

Design	horizontal type
Type of mounting	DIN-35 rail
Marking level	Side marking

## Material Data



Color	green-yellow
Insulating material	Polyamide 66 (PA 66)
Weight	19 g

## Commercial data


Packaging type	BOX
Country of origin	DE
GTIN	4045454084523
Customs Tariff No.	85369010000

## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	2195540.01
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7522

### Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	20-HG1941090-PDA
	BV Bureau Veritas S.A.	EN 60947	07436/E0 BV

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



BUREAU  
VERITAS

**DNV GL**

Det Norske Veritas, Germanischer Lloyd

-

TAE00001V2



**LR**


Lloyds Register

EN 60947

91/20112

(E9)

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>UL</b> UL International Germany GmbH	UL 1059	20190731- E45172

### Counterpart

### Compatible products

### General accessories

**Item no.: 209-143**

Group marker carrier; gray

[www.wago.com/209-143](http://www.wago.com/209-143)

**Item no.: 209-144**

Group marker carrier; gray

[www.wago.com/209-144](http://www.wago.com/209-144)

**Item no.: 709-310**

B-type test plug module; modular; suitable for all WAGO 282 Series rail-mounted terminal blocks with jumper slots; 6,00 mm<sup>2</sup>; gray [www.wago.com/709-310](http://www.wago.com/709-310)

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

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Item no.: 709-311

B-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray

[www.wago.com/709-311](http://www.wago.com/709-311)

assembling

Item no.: 209-106

Mounting carrier; for isolated mounting on DIN 35 rails; gray

[www.wago.com/209-106](http://www.wago.com/209-106)



Item no.: 709-153

Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

[www.wago.com/709-153](http://www.wago.com/709-153)

End plate



Item no.: 282-301

End and intermediate plate; 4 mm thick; gray

[www.wago.com/282-301](http://www.wago.com/282-301)



Item no.: 282-302

End and intermediate plate; 4 mm thick; orange

[www.wago.com/282-302](http://www.wago.com/282-302)



Item no.: 282-322

Separator plate; 2 mm thick; oversized; orange

[www.wago.com/282-322](http://www.wago.com/282-322)

Item no.: 282-332

Separator plate; 2 mm thick; oversized; gray

[www.wago.com/282-332](http://www.wago.com/282-332)

Test Accessories



Item no.: 209-170

Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm<sup>2</sup> - 10 mm<sup>2</sup> tbs; gray

[www.wago.com/209-170](http://www.wago.com/209-170)

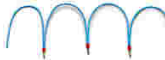
Jumper



Item no.: 210-103

Wire commoning chain; insulated; 50 connections; black

[www.wago.com/210-103](http://www.wago.com/210-103)



Item no.: 210-123

Wire commoning chain; insulated; 50 connections

[www.wago.com/210-123](http://www.wago.com/210-123)



Item no.: 282-402

Adjacent jumper; insulated; Nominal current 41 A

[www.wago.com/282-402](http://www.wago.com/282-402)



Item no.: 282-409

Alternate jumper; insulated; Nominal current 41 A; gray

[www.wago.com/282-409](http://www.wago.com/282-409)



Item no.: 282-422

Adjacent jumper; insulated; Nominal current 41 A; yellow-green

[www.wago.com/282-422](http://www.wago.com/282-422)



Item no.: 282-424

Adjacent jumper; insulated; Nominal current 41 A; orange

[www.wago.com/282-424](http://www.wago.com/282-424)

Item no.: 709-110

Wire commoning chain; insulated; 4 connections; 3 x 110 mm; black

[www.wago.com/709-110](http://www.wago.com/709-110)



Item no.: 709-111

Wire commoning chain; insulated; 3 connections; 2 x 120 mm; black

[www.wago.com/709-111](http://www.wago.com/709-111)

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

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Item no.: 709-112

Wire commoning chain; insulated; 3 connections; 2 x 170 mm; black

[www.wago.com/709-112](http://www.wago.com/709-112)


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**Protective Warning Marker**


Item no.: 282-405

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

[www.wago.com/282-405](http://www.wago.com/282-405)


---

**Marking accessories**


Item no.: 2009-115

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-115](http://www.wago.com/2009-115)

Item no.: 2009-115/000-002

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

[www.wago.com/2009-115](http://www.wago.com/2009-115)

/000-002

Item no.: 2009-115/000-006

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-115](http://www.wago.com/2009-115)

/000-006

Item no.: 2009-115/000-007

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

[www.wago.com/2009-115](http://www.wago.com/2009-115)

/000-007



Item no.: 2009-115/000-012

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-115](http://www.wago.com/2009-115)

/000-012

Item no.: 2009-115/000-017

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-115](http://www.wago.com/2009-115)

/000-017



Item no.: 2009-115/000-023

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

[www.wago.com/2009-115](http://www.wago.com/2009-115)

/000-023

Item no.: 2009-115/000-024

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

[www.wago.com/2009-115](http://www.wago.com/2009-115)

/000-024



Item no.: 249-105

Group marker carrier; gray

[www.wago.com/249-105](http://www.wago.com/249-105)

Item no.: 793-501

WMB marking card; as card; not stretchable; plain; snap-on type; white

[www.wago.com/793-501](http://www.wago.com/793-501)

Item no.: 793-501/000-002

WMB marking card; as card; not stretchable; plain; snap-on type; yellow

[www.wago.com/793-501](http://www.wago.com/793-501)

/000-002



Item no.: 793-501/000-005

WMB marking card; as card; not stretchable; plain; snap-on type; red

[www.wago.com/793-501](http://www.wago.com/793-501)

/000-005

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

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	<p><b>Item no.: 793-501/000-006</b> WMB marking card; as card; not stretchable; plain; snap-on type; blue</p>	<p><a href="http://www.wago.com/793-501/000-006">www.wago.com/793-501/000-006</a></p>
	<p><b>Item no.: 793-501/000-007</b> WMB marking card; as card; not stretchable; plain; snap-on type; gray</p>	<p><a href="http://www.wago.com/793-501/000-007">www.wago.com/793-501/000-007</a></p>
	<p><b>Item no.: 793-501/000-012</b> WMB marking card; as card; not stretchable; plain; snap-on type; orange</p>	<p><a href="http://www.wago.com/793-501/000-012">www.wago.com/793-501/000-012</a></p>
	<p><b>Item no.: 793-501/000-017</b> WMB marking card; as card; not stretchable; plain; snap-on type; light green</p>	<p><a href="http://www.wago.com/793-501/000-017">www.wago.com/793-501/000-017</a></p>
	<p><b>Item no.: 793-501/000-023</b> WMB marking card; as card; not stretchable; plain; snap-on type; green</p>	<p><a href="http://www.wago.com/793-501/000-023">www.wago.com/793-501/000-023</a></p>
	<p><b>Item no.: 793-501/000-024</b> WMB marking card; as card; not stretchable; plain; snap-on type; violet</p>	<p><a href="http://www.wago.com/793-501/000-024">www.wago.com/793-501/000-024</a></p>
	<p><b>Item no.: 793-5501</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white</p>	<p><a href="http://www.wago.com/793-5501">www.wago.com/793-5501</a></p>
	<p><b>Item no.: 793-5501/000-002</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow</p>	<p><a href="http://www.wago.com/793-5501/000-002">www.wago.com/793-5501/000-002</a></p>
	<p><b>Item no.: 793-5501/000-005</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red</p>	<p><a href="http://www.wago.com/793-5501/000-005">www.wago.com/793-5501/000-005</a></p>
	<p><b>Item no.: 793-5501/000-006</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue</p>	<p><a href="http://www.wago.com/793-5501/000-006">www.wago.com/793-5501/000-006</a></p>
	<p><b>Item no.: 793-5501/000-007</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray</p>	<p><a href="http://www.wago.com/793-5501/000-007">www.wago.com/793-5501/000-007</a></p>
	<p><b>Item no.: 793-5501/000-012</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange</p>	<p><a href="http://www.wago.com/793-5501/000-012">www.wago.com/793-5501/000-012</a></p>
	<p><b>Item no.: 793-5501/000-014</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown</p>	<p><a href="http://www.wago.com/793-5501/000-014">www.wago.com/793-5501/000-014</a></p>
	<p><b>Item no.: 793-5501/000-017</b> WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-</p>	<p><a href="http://www.wago.com/793-5501/000-017">www.wago.com/793-5501/000-017</a></p>

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

on type; green

**Item no.: 793-5501/000-023**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green

[www.wago.com/793-5501/000-023](http://www.wago.com/793-5501/000-023)

**Item no.: 793-5501/000-024**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet

[www.wago.com/793-5501/000-024](http://www.wago.com/793-5501/000-024)

**tools**

**Item no.: 210-721**

Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft

[www.wago.com/210-721](http://www.wago.com/210-721)

**Carrier rail**

**Item no.: 210-112**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm

[www.wago.com/210-112](http://www.wago.com/210-112)

**Item no.: 210-113**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715

[www.wago.com/210-113](http://www.wago.com/210-113)

**Item no.: 210-114**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715

[www.wago.com/210-114](http://www.wago.com/210-114)



**Item no.: 210-115**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm

[www.wago.com/210-115](http://www.wago.com/210-115)



**Item no.: 210-118**

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715

[www.wago.com/210-118](http://www.wago.com/210-118)

**Item no.: 210-196**

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

[www.wago.com/210-196](http://www.wago.com/210-196)

**Item no.: 210-197**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715

[www.wago.com/210-197](http://www.wago.com/210-197)



**Item no.: 210-198**

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

[www.wago.com/210-198](http://www.wago.com/210-198)



**Item no.: 210-504**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715

[www.wago.com/210-504](http://www.wago.com/210-504)

**Item no.: 210-505**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715

[www.wago.com/210-505](http://www.wago.com/210-505)



**Item no.: 210-506**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715

[www.wago.com/210-506](http://www.wago.com/210-506)



**Item no.: 210-508**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715

[www.wago.com/210-508](http://www.wago.com/210-508)

**ferrule**

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

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	<p><b>Item no.: 216-262</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</p>	<a href="http://www.wago.com/216-262">www.wago.com/216-262</a>
	<p><b>Item no.: 216-263</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</p>	<a href="http://www.wago.com/216-263">www.wago.com/216-263</a>
	<p><b>Item no.: 216-264</b>                  Ferrule; Sleeve for 1.5 mm<sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black</p>	<a href="http://www.wago.com/216-264">www.wago.com/216-264</a>
	<p><b>Item no.: 216-266</b>                  Ferrule; Sleeve for 2.5 mm<sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue</p>	<a href="http://www.wago.com/216-266">www.wago.com/216-266</a>
	<p><b>Item no.: 216-267</b>                  Ferrule; Sleeve for 4 mm<sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray</p>	<a href="http://www.wago.com/216-267">www.wago.com/216-267</a>

## Downloads

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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## CAD/CAE-Data

### CAD data

2D/3D Models 282-107	URL	Download
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### CAE data

EPLAN Data Portal 282-107	URL	Download
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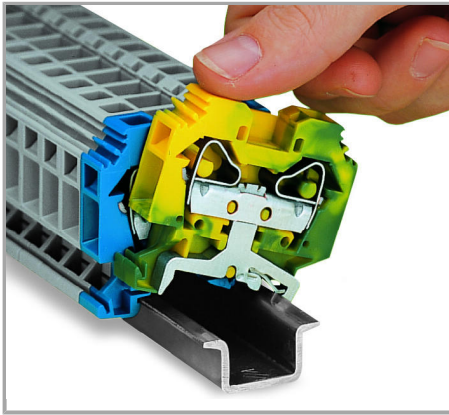
WSCAD Universe 282-107	URL	Download
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## Installation Notes

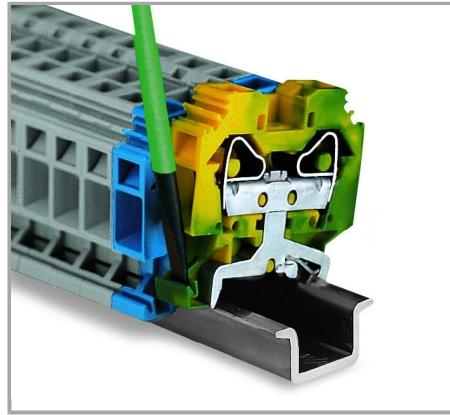
Subject to changes. Please also observe the further product documentation!

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Snapping a terminal block onto the carrier rail.



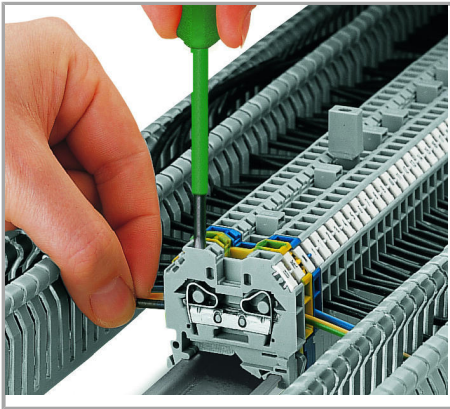
Removing a terminal block from the carrier rail.

Ground conductor terminal blocks snap onto the rail in the same way as through terminal blocks, but automatically make a direct electrical connection to the rail. After mounting, sliding the blocks on the rail is not possible.

When mounting on the rail, ensure that open sides of terminal blocks face in the same direction.

Both mounting feet and removal slots are on the same side for all terminal blocks, making it possible to visually ensure blocks are facing in same direction.

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

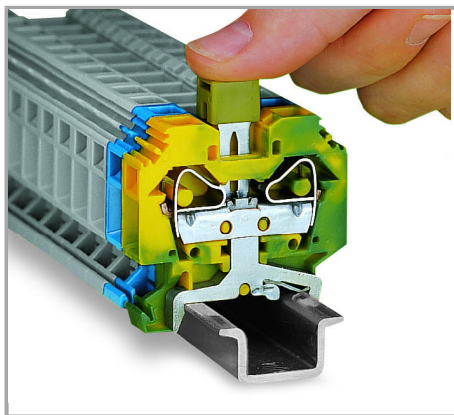


### CAGE CLAMP® connection

Inserting a conductor.

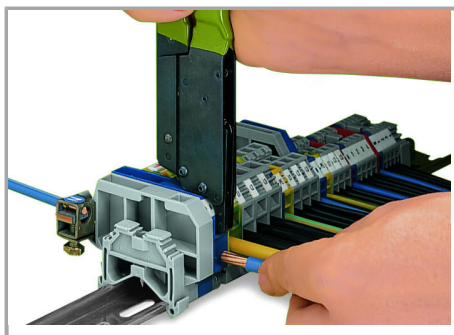
With ferruled conductors, it is necessary to use a terminal block one size larger than the conductor's nominal cross-section.

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



Push jumper down until fully inserted.

Commoning ground conductor terminal blocks with through terminal blocks is possible in one direction only (via rear side of terminal block) using adjacent jumpers. WAGO recommends using yellow-green adjacent jumpers in addition to the required marking of these blocks.



When operating the handles beyond the locked position, the ratchet allows the tool to open and be removed from the terminal block.

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



Labeling via WMB Multi Marking System.

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

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