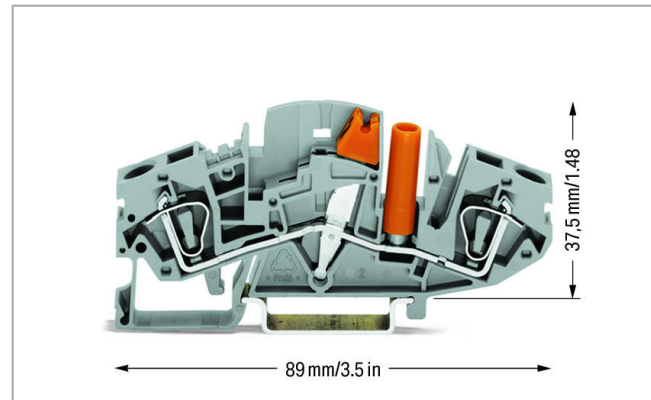


Data sheet | Item number: 282-811

2-conductor disconnect/test terminal block; transverse switching; with touch-proof test socket; for 4 mm Ø test plugs; for DIN-rail 35 x 15 and 35 x 7.5; 6 mm²; CAGE CLAMP®; 6,00 mm²; gray

www.wago.com/282-811



RoHS
Compliant ✓

BOMcheck.net

Color: ■

Data

Electrical data

Ratings per IEC/EN 60664-1

Nominal voltage (III/3)	500 V
Rated surge voltage (III/3)	6 kV
Rated current	30 a
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.2 ... 6 mm ² / 24 ... 10 AWG
Fine-stranded conductor	0.2 ... 6 mm ² / 24 ... 10 AWG
Strip length	12 ... 13 mm / 0.47 ... 0.51 inch
Total number of connection points	2

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

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32423 Minden
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Total number of potentials	2
Number of levels	1
Wiring type	Front-entry wiring

Physical data

Width	8 mm / 0.315 inch
Height from upper-edge of DIN-rail	37.5 mm / 1.476 inch
Depth	89 mm / 3.504 inch

Mechanical data

Design	angled
Mounting type	DIN-35 rail
Marking level	Center/side marking

Material Data

Color	gray
Weight	17.6 g

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Packaging type	BOX
Country of origin	CN
GTIN	4044918960809
Customs tariff number	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

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

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	20-HG1941090-PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1059	20190731-E45172

Required accessories

End plate

	Item no.: 282-361 End and separator plate; for 2-conductor transverse switching terminal block; 1.5 mm thick; gray	www.wago.com/282-361
	Item no.: 282-366 End and separator plate; for 2-conductor transverse switching terminal block; 1.5 mm thick; orange	www.wago.com/282-366

Compatible products

ferrule

	Item no.: 216-262 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/216-262
	Item no.: 216-263 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/216-263
	Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-264
	Item no.: 216-266 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	www.wago.com/216-266

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

**Item no.: 216-267**

Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; www.wago.com/216-267
acc. to DIN 46228, Part 4/09.90; gray

Locking lever**Item no.: 282-372**

Coupling device; mechanically locks multiple links; 2-way; yellow

www.wago.com/282-372

**Item no.: 282-373**

Coupling device; mechanically locks multiple links; 3-way; yellow

www.wago.com/282-373

**Item no.: 282-374**

Coupling device; mechanically locks multiple links; 4-way; yellow

www.wago.com/282-374

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

**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/2009-115/000-002

**Item no.: 2009-115/000-006**

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

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/2009-115/000-007

**Item no.: 2009-115/000-012**

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

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; light green

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/2009-115/000-023

**Item no.: 2009-115/000-024**

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

www.wago.com/2009-115/000-024

**Item no.: 2009-145**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/2009-145

**Item no.: 2009-145/000-002**

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

www.wago.com/2009-145/000-002

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Hansastr. 27

32423 Minden

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	Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red	www.wago.com/2009-145/000-005
	Item no.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue	www.wago.com/2009-145/000-006
	Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray	www.wago.com/2009-145/000-007
	Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange	www.wago.com/2009-145/000-012
	Item no.: 2009-145/000-023 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green	www.wago.com/2009-145/000-023
	Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet	www.wago.com/2009-145/000-024
	Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	www.wago.com/248-501
	Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow	www.wago.com/248-501/000-002
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/248-501/000-005
	Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue	www.wago.com/248-501/000-006
	Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray	www.wago.com/248-501/000-007
	Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange	www.wago.com/248-501/000-012
	Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/248-501/000-017
	Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green	www.wago.com/248-501/000-023

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

**Item no.: 248-501/000-024**

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet

www.wago.com/248-501/000-024**Item no.: 793-501**

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

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/793-501/000-002**Item no.: 793-501/000-005**

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

www.wago.com/793-501/000-005**Item no.: 793-501/000-006**

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

www.wago.com/793-501/000-006**Item no.: 793-501/000-007**

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

www.wago.com/793-501/000-007**Item no.: 793-501/000-012**

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

www.wago.com/793-501/000-012**Item no.: 793-501/000-017**

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

www.wago.com/793-501/000-017**Item no.: 793-501/000-023**

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

www.wago.com/793-501/000-023**Item no.: 793-501/000-024**

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

www.wago.com/793-501/000-024**Item no.: 793-5501**

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

www.wago.com/793-5501**Item no.: 793-5501/000-002**

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

www.wago.com/793-5501/000-002**Item no.: 793-5501/000-005**

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

www.wago.com/793-5501/000-005**Item no.: 793-5501/000-006**

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

www.wago.com/793-5501/000-006

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

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Hansastr. 27

32423 Minden

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type; blue

**Item no.: 793-5501/000-007**

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

www.wago.com/793-5501/000-007**Item no.: 793-5501/000-012**

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

www.wago.com/793-5501/000-012**Item no.: 793-5501/000-014**

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

www.wago.com/793-5501/000-014**Item no.: 793-5501/000-017**

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

www.wago.com/793-5501/000-017**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**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**Item no.: 794-5553/000-002**

WMB marking card; as card; MARKED; k/I (each 50); stretchable 5 - 5.2 mm; Horizontal marking; snap-on type; yellow

www.wago.com/794-5553/000-002**Item no.: 794-5554/000-006**

WMB marking card; as card; MARKED; U/V (each 50x); stretchable 5 - 5.2 mm; Horizontal marking; snap-on type; blue

www.wago.com/794-5554/000-006**assembling****Item no.: 209-106**

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

www.wago.com/209-106**Item no.: 249-116**

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

www.wago.com/249-116**Item no.: 709-154**

Cover; Type 2; suitable for cover carrier, type 2; 1 m long; transparent

www.wago.com/709-154**Protective Warning Marker****Item no.: 282-415**

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

www.wago.com/282-415**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; silver-colored

www.wago.com/210-112**Item no.: 210-113**

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

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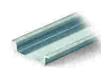
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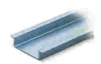
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

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; silver-colored

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; silver-colored 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; silver-colored

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**Item no.: 210-197**

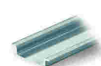
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

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**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**Item no.: 210-505**

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

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; silver-colored

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; silver-colored

www.wago.com/210-508**Jumper****Item no.: 282-432**

Jumper; 2-way; insulated; orange

www.wago.com/282-432**Item no.: 282-432/100-000**

Jumper; 2-way; insulated; orange

www.wago.com/282-432/100-000**Item no.: 282-433**

Jumper; 3-way; insulated; orange

www.wago.com/282-433**Item no.: 282-433/100-000**

Jumper; 3-way; insulated; orange

www.wago.com/282-433/100-000**Item no.: 282-434**

Jumper; 4-way; insulated; orange

www.wago.com/282-434

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

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	Item no.: 282-434/100-000 Jumper; 4-way; insulated; orange	www.wago.com/282-434/100-000
	Item no.: 282-435 Jumper; 5-way; insulated; orange	www.wago.com/282-435
	Item no.: 282-435/011-000 Jumper; insulated; orange	www.wago.com/282-435/011-000
	Item no.: 282-435/300-000 Jumper; insulated; orange	www.wago.com/282-435/300-000
	Item no.: 282-435/301-000 Jumper; insulated; orange	www.wago.com/282-435/301-000
	Item no.: 282-436 Jumper; 6-way; insulated; orange	www.wago.com/282-436
	Item no.: 282-436/301-000 Jumper; insulated; orange	www.wago.com/282-436/301-000
	Item no.: 282-436/304-000 Jumper; insulated; orange	www.wago.com/282-436/304-000
	Item no.: 282-437 Jumper; 7-way; insulated; orange	www.wago.com/282-437
	Item no.: 282-437/011-000 Jumper; insulated; orange	www.wago.com/282-437/011-000
	Item no.: 282-437/012-000 Jumper; insulated; orange	www.wago.com/282-437/012-000
	Item no.: 282-438 Jumper; 8-way; insulated; orange	www.wago.com/282-438
	Item no.: 282-438/300-000 Jumper; insulated; orange	www.wago.com/282-438/300-000
	Item no.: 282-438/301-000 Jumper; insulated; orange	www.wago.com/282-438/301-000
	Item no.: 282-439 Jumper; 9-way; insulated; orange	www.wago.com/282-439

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



Item no.: 282-439/011-000
Jumper; insulated; orange

www.wago.com/282-439/011-000



Item no.: 282-440
Jumper; 10-way; insulated; orange

www.wago.com/282-440



Item no.: 282-442
Adjacent jumper for switching lever; 2-way; insulated; orange

www.wago.com/282-442



Item no.: 282-443
Adjacent jumper for switching lever; 3-way; insulated; orange

www.wago.com/282-443



Item no.: 282-444
Adjacent jumper for switching lever; 4-way; insulated; orange

www.wago.com/282-444



Item no.: 282-445
Adjacent jumper for switching lever; 5-way; insulated; orange

www.wago.com/282-445



Item no.: 282-446
Adjacent jumper for switching lever; 6-way; insulated; orange

www.wago.com/282-446

Coding



Item no.: 282-370
Lock-out; for disconnect link; yellow

www.wago.com/282-370

tools



Item no.: 210-721
Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-721

Downloads

Documentation

Bid Text

Item no.	Date	File name	Size	Action
282-811	19-Feb-2019	xml	3.5 kB	Download
X81 - Datei				

282-811	06-Nov-2017	doc	25.1 kB	Download
doc - Datei				

Additional Information

Technical explanations	03-Apr-2019	pdf	2.2 MB	Download
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CAD/CAE-Data

CAE data

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

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Installation Notes

Conductor termination

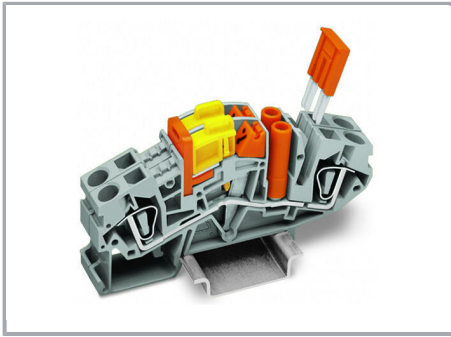


CAGE CLAMP® connection

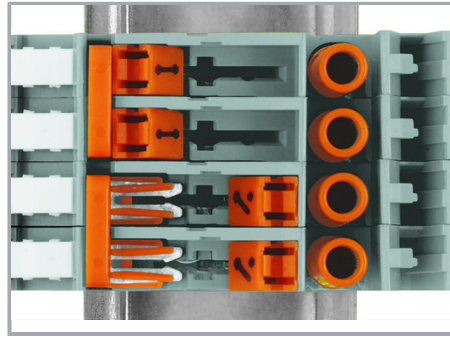
Inserting a conductor.

Commoning

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



Transverse switching terminal blocks



Switch positions

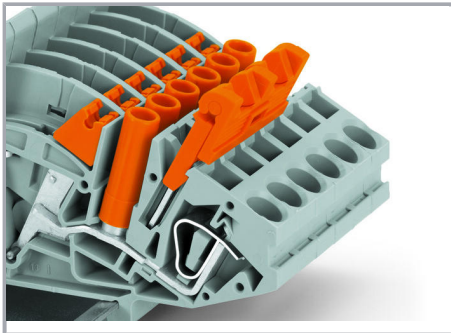
Left: Adjacent jumper for commoning of switching lever

Left: closed

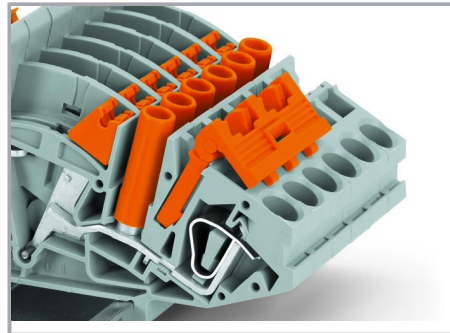
Right: Commoning with orange jumper

Right: open

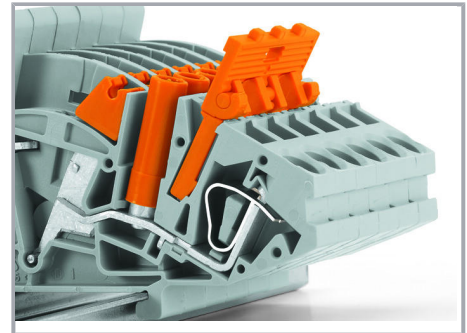
Commoning



Bjumper with safety lid in pre-locked position

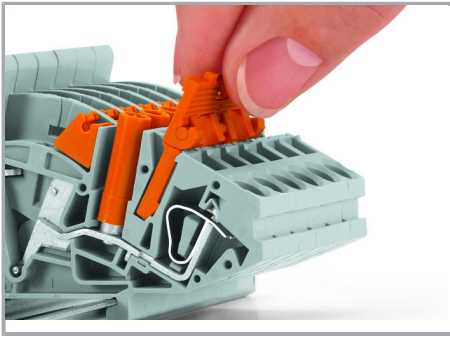


Longitudinal switching disconnect terminal blocks with inserted jumper, including safety lid



Jumper with raised safety lid

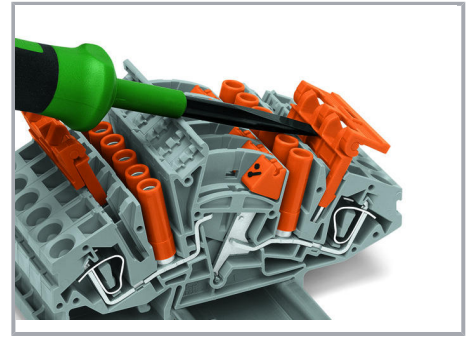
Subject to changes. Please also observe the further product documentation!



Removing a jumper via safety lid.



Jumper with safety lid



Jumper with safety lid:

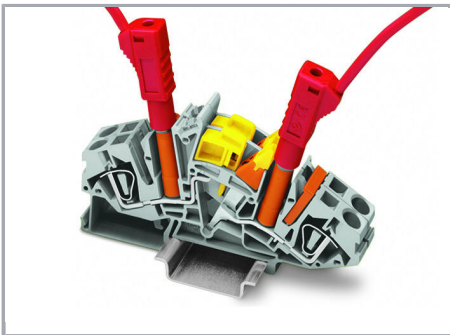
Remove jumper via operating tool.

Removing jumper via operating tool.



Inserting a lock-out.

Testing

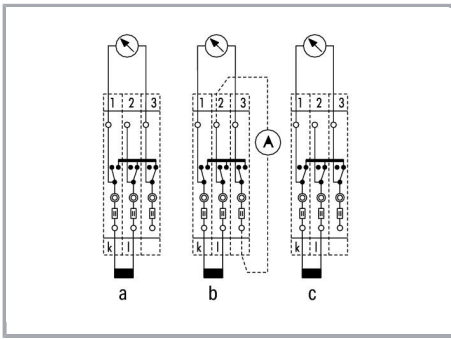


Testing via touch-proof 4 mm Ø test plugs (not available from WAGO, but offered by industry suppliers such as, Multi-Contact Deutschland GmbH).

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

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



Current transformer circuit with transverse switching terminal blocks

a = Normal operation b = Measured value
test c = Transformer short circuit

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