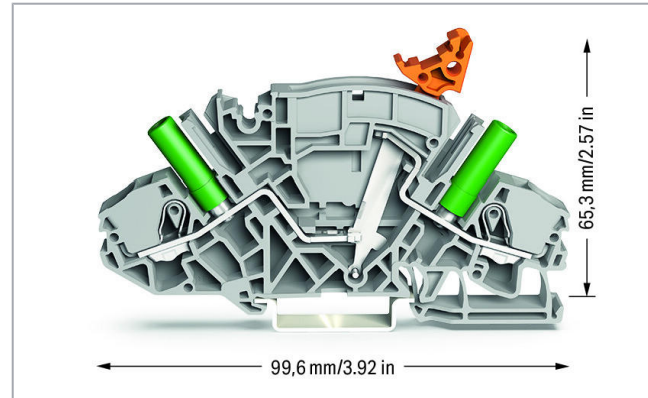
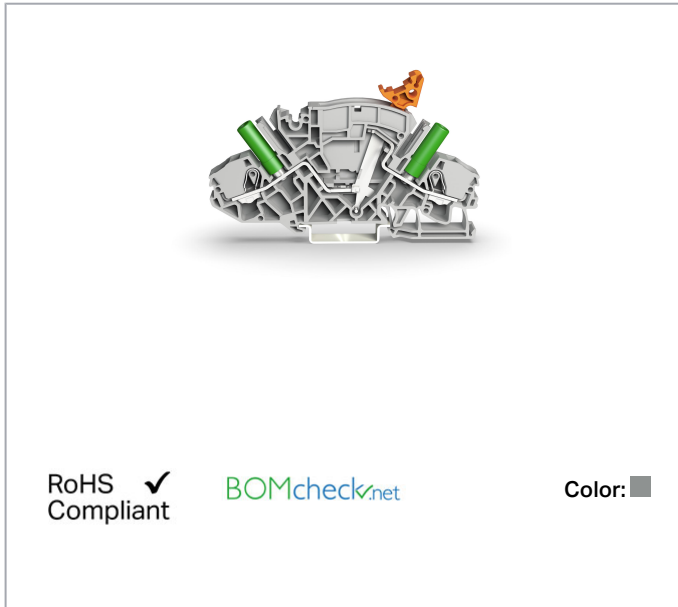


Data sheet | Item number: 2007-8821/044-000



2-conductor disconnect/test terminal block; e.g., current transformer circuits; with receptacle for adjacent jumper with switch lever; for 4 mm Ø test plugs; for DIN-rail 35 x 15 and 35 x 7.5; 6 mm²; Push-in CAGE CLAMP®; 6,00 mm²; gray

www.wago.com/2007-8821/044-000



Data

Electrical data

Ratings per IEC/EN

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

Ratings per UL

Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	30 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	30 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A

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

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Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
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Ratings per CSA

Approvals per	C22.2 No 158
Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	30 A
Rated voltage CSA (Use Group C)	300 V
Rated current CSA (Use Group C)	30 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-in Open Tool Slot
Connectable conductor materials	Copper
Nominal cross-section	6 mm ²
Solid conductor	0.5 ... 10 mm ² / 20 ... 8 AWG
Solid conductor; push-in termination	1 ... 10 mm ² / 14 ... 8 AWG
Fine-stranded conductor	0.5 ... 10 mm ² / 20 ... 8 AWG
Fine-stranded conductor; with insulated ferrule	2.5 ... 6 mm ² / 16 ... 10 AWG
Fine-stranded conductor; with uninsulated ferrule	1.5 ... 6 mm ² / 16 ... 10 AWG
Fine-stranded conductor; with ferrule; push-in termination	2.5 ... 6 mm ² / 16 ... 10 AWG
Strip length	13 ... 15 mm / 0.51 ... 0.59 inch
Total number of connection points	2
Total number of potentials	2
Number of levels	1
Wiring type	Front-entry wiring
Number of jumper slots	2

Physical data

Width	8 mm / 0.315 inch
Height	99.6 mm / 3.921 inch

Mechanical data

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

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

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Material data




Color	gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Weight	27.8 g

Commercial data


Packaging type	BOX
Country of origin	CN
GTIN	4055143300247
Customs tariff number	85365080900

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	2198208.01
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7323
	CSA DEKRA Certification B.V.	C22.2 No. 158	70009679

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
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Subject to changes. Please also observe the further product documentation!







cURus
UL International Germany GmbH

UL 1059

E45172










Required accessories

End plate

	Item no.: 2007-8891 End and separator plate; 1.5 mm thick; without lock-out seal option; gray	www.wago.com/2007-8891
	Item no.: 2007-8892 End and separator plate; 1.5 mm thick; without lock-out seal option; orange	www.wago.com/2007-8892
	Item no.: 2007-8893 End and separator plate; 1.5 mm thick; with lock-out seal option; gray	www.wago.com/2007-8893
	Item no.: 2007-8894 End and separator plate; 1.5 mm thick; with lock-out seal option; orange	www.wago.com/2007-8894

Compatible products
















Jumper

	Item no.: 2007-8442 Adjacent jumper for switching lever; 2-way; insulated; orange	www.wago.com/2007-8442
	Item no.: 2007-8443 Adjacent jumper for switching lever; 3-way; insulated; orange	www.wago.com/2007-8443
	Item no.: 2007-8444 Adjacent jumper for switching lever; 4-way; insulated; orange	www.wago.com/2007-8444
	Item no.: 2007-8445 Adjacent jumper for switching lever; 5-way; insulated; orange	www.wago.com/2007-8445
	Item no.: 2007-8446 Adjacent jumper for switching lever; 6-way; insulated; orange	www.wago.com/2007-8446
	Item no.: 2007-8447 Adjacent jumper for switching lever; 7-way; insulated; orange	www.wago.com/2007-8447
	Item no.: 2007-8448 Adjacent jumper for switching lever; 8-way; insulated; orange	www.wago.com/2007-8448
	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
















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

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	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
	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

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

	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
	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
General accessories		
	Item no.: 2007-8899 Lock-out; for disconnect link; yellow	www.wago.com/2007-8899
Protective Warning Marker		
	Item no.: 2006-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow	www.wago.com/2006-115
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
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 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

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
















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

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.: 2009-115 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.: 2009-198 Adaptor; gray	www.wago.com/2009-198
	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

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



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

ferrule



Item no.: 216-208
Ferrule; Sleeve for 6 mm² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow www.wago.com/216-208



Item no.: 216-262
Ferrule; Sleeve for 0.75 mm² / 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 mm² / 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 mm² / 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 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue www.wago.com/216-266



Item no.: 216-267
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray www.wago.com/216-267

Locking lever










Item no.: 210-254
Interlocking link; mechanically locks multiple links; 1 m long; transparent www.wago.com/210-254



Item no.: 282-881
Locking cover; mechanically locks multiple links; 1-pole; transparent www.wago.com/282-881

Item no.: 282-882

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

	Locking cover; mechanically locks multiple links; 2-pole; transparent	www.wago.com/282-882
	Item no.: 282-883 Locking cover; mechanically locks multiple links; 3-pole; transparent	www.wago.com/282-883
	Item no.: 282-884 Locking cover; mechanically locks multiple links; 4-pole; transparent	www.wago.com/282-884
	Item no.: 282-885 Locking cover; mechanically locks multiple links; 5-pole; transparent	www.wago.com/282-885
	Item no.: 282-886 Locking cover; mechanically locks multiple links; 6-pole; transparent	www.wago.com/282-886
	Item no.: 282-887 Locking cover; mechanically locks multiple links; 7-pole; transparent	www.wago.com/282-887
	Item no.: 282-888 Locking cover; mechanically locks multiple links; 8-pole; transparent	www.wago.com/282-888

Downloads

Documentation

Additional Information

Technical explanations	3. 4. 2019	pdf 2.2 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 2007-8821/044-000	URL	Download
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CAE data

EPLAN Data Portal 2007-8821/044-000	URL	Download
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WSCAD Universe 2007-8821/044-000	URL	Download
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ZUKEN Portal 2007-8821/044-000	URL	Download
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WSCAD Universe 2007-8821/044-000	URL	Download
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EPLAN Data Portal 2007-8821/044-000	URL	Download
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Subject to changes. Please also observe the further product documentation!

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2007-8821/044-000

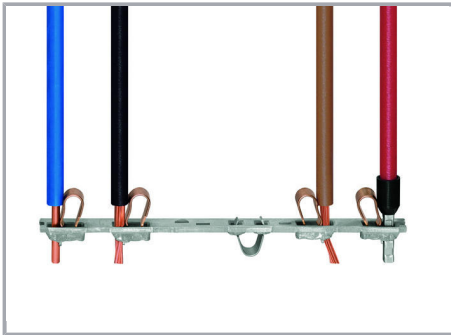
[URL](#)

[Download](#)

2-conductor disconnect/test terminal block; e.g., current transformer circuits; with receptacle for adjacent jumper with switch lever; for 4 mm Ø test plugs; for DIN-rail 35 x 15 and 35 x 7.5; 6 mm²; Push-in CAGE CLAMP®; 6,00 mm²; gray

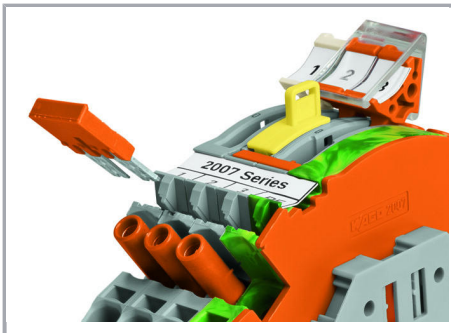
Installation Notes

Conductor termination



All conductor types at a glance

Commoning



Additional commoning option on the transformer side



Preparing shorting path for the current transformer circuits.



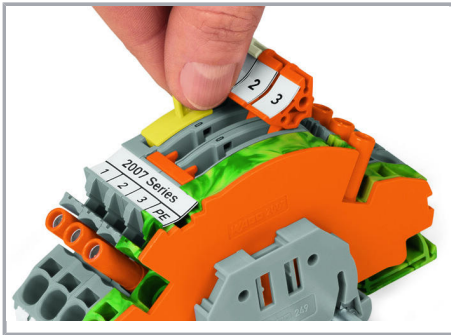
Insert insulated, touch-proof circuit jumpers into jumper slot.

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

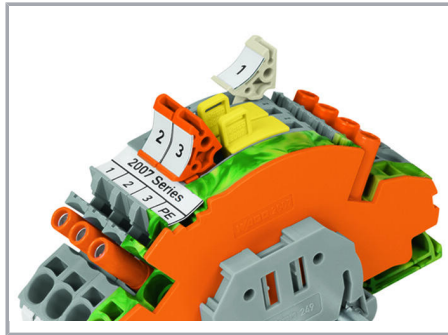


Insert insulated, touch-proof circuit jumpers into jumper slot.

Safety

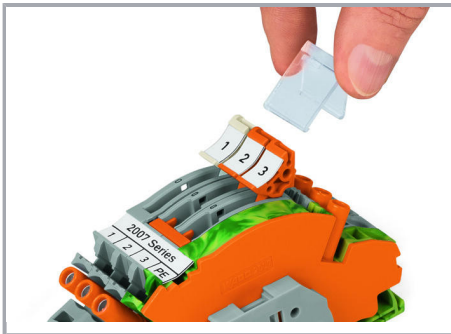


Lock-out prevents accidental operation of disconnect link.

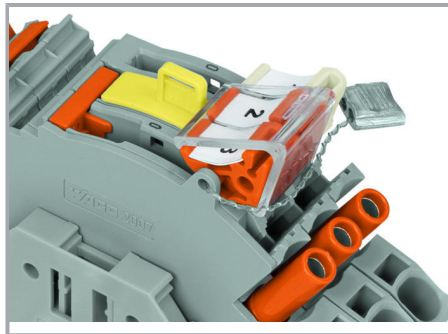


Lock-out snaps into one of two notched positions.

Locking system



Using locking covers or profiles for adjacent terminal blocks allows disconnect links to be operated simultaneously.

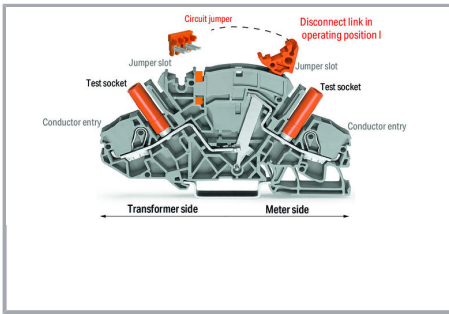


A lock-out seal can be used on the disconnect link in operating position I when combined with an end and separator plate (2007-8893 or 2007-8894).

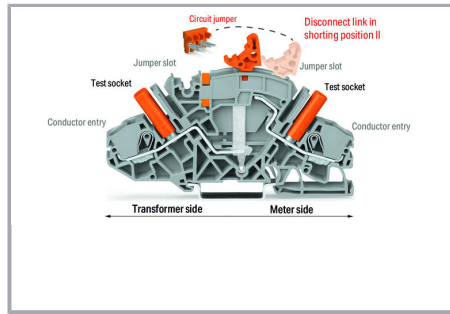


Interlocking link mechanically locks multiple links for multi-pole switching applications.

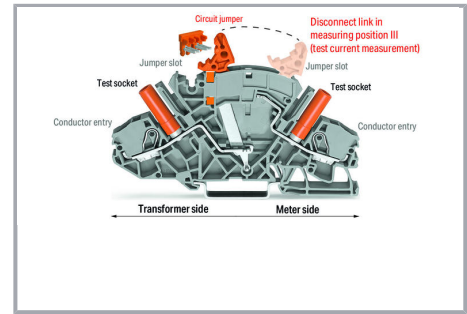
Subject to changes. Please also observe the further product documentation!



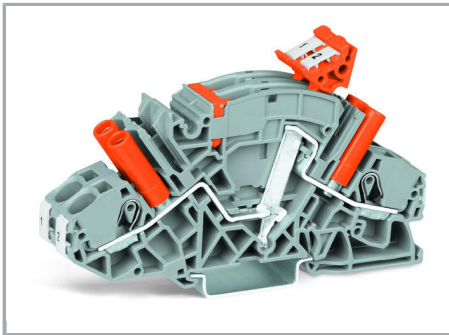
Disconnect/Test Terminal Block (2007-8821)



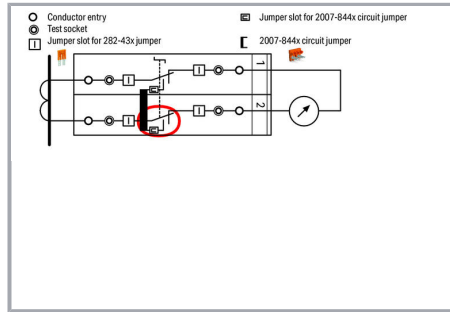
Disconnect/Test Terminal Block (2007-8821)



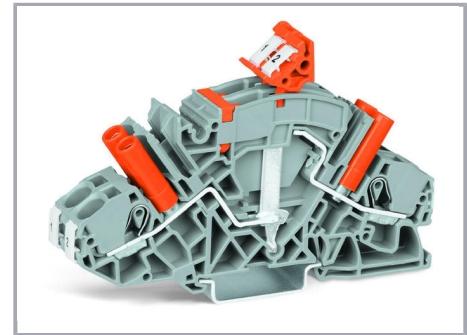
Disconnect/Test Terminal Block (2007-8821)



Disconnect link in operating position I



In the operating position, the measurement device is connected to the transformer, the circuit jumper is inserted and the disconnect link is in position I.



Disconnect link in shorting position II

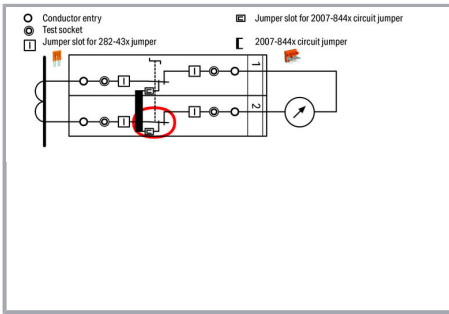
Terminal blocks required:

2 x disconnect/test terminal block (2007-8821)

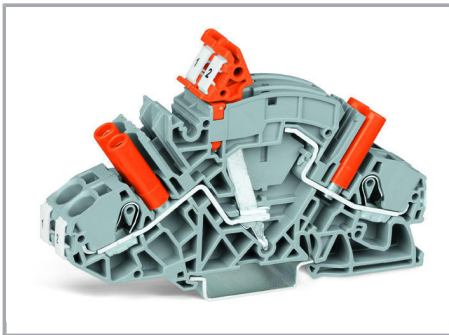
1 x circuit jumper, orange (2007-8442)

Locking covers or interlocking links (option)

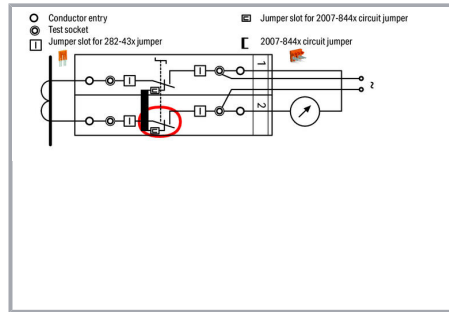
Subject to changes. Please also observe the further product documentation!



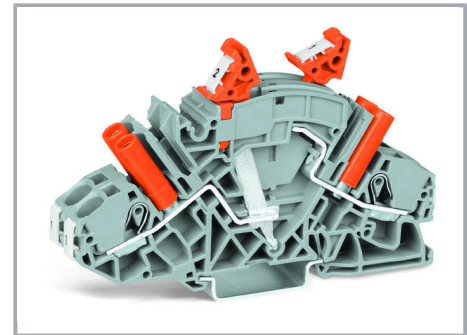
The transformer is not disconnected from the measuring device yet, the shorting path is activated by moving the disconnect link into shorting position II and the transformer is safely shorted.



Test current measurement: Disconnect link in measuring position III



The measuring device is electrically disconnected from the transformer. If required, an external voltage can be applied to the measuring device via the test socket.

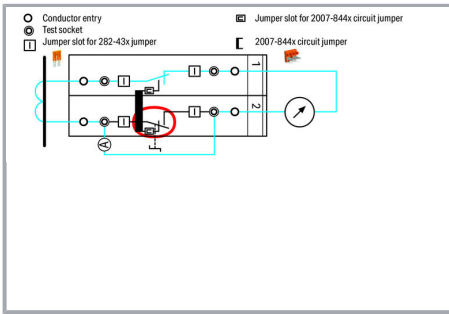


Measurement testing (using both test sockets)

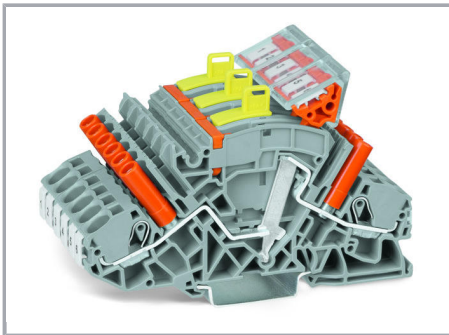
Terminal block 1: Disconnect link in operating position I

Terminal block 2: Disconnect link in measuring position III

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



Measurement testing: First insert the reference current meter (A) into the test socket, then move the disconnect link into measurement point III (test current measurement).



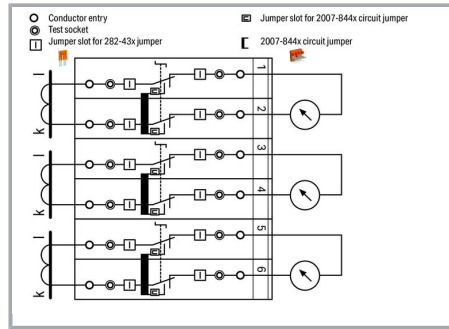
Measuring set for a three-phase current transformer

Terminal blocks required:

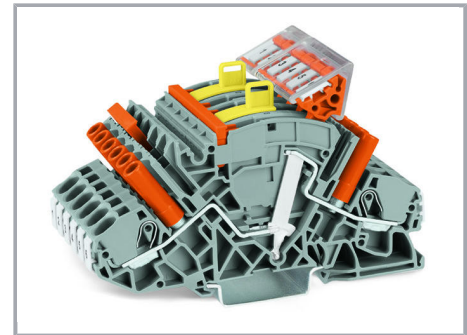
6 x disconnect/test terminal block (2007-8821)

3 x circuit jumper, orange (2007-8442)

In addition: interlocking link, locking cover, lock-out



Pairs of disconnect links are interconnected via locking cover or interlocking link. Measurement testing is performed after the interlocking is released.



Measuring set for a three-phase current transformer with 'Y' point

Terminal blocks required:

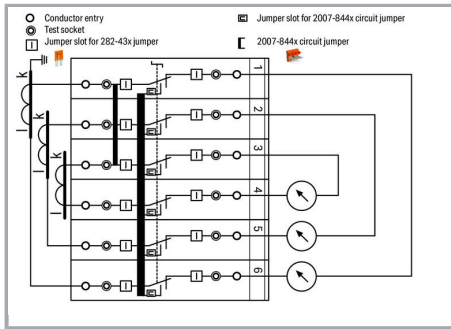
6 x disconnect/test terminal block (2007-8821)

1 x circuit jumper, orange (2007-8446)

1 x jumper, orange (282-433)

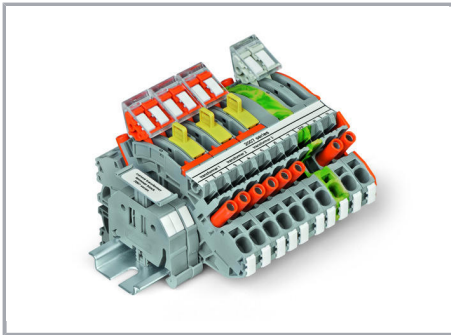
In addition: interlocking link, locking cover, lock-out

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



All six disconnect links are interconnected via locking cover or interlocking link.

Marking



Marking via WMB Multi markers or marking strips.

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!