

Data sheet | Item number: 2007-8821



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



Data
Electrical data

Ratings per IEC/EN 60664-1

Rated 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 1059

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!



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 mm²
Solid conductor	0.5 ... 10 mm² / 20 ... 8 AWG
Solid conductor; push-in termination	1 ... 10 mm² / 14 ... 8 AWG
Fine-stranded conductor	0.5 ... 10 mm² / 20 ... 8 AWG
Fine-stranded conductor; with insulated ferrule	2.5 ... 6 mm² / 16 ... 10 AWG
Fine-stranded conductor; with uninsulated ferrule	1.5 ... 6 mm² / 16 ... 10 AWG
Fine-stranded conductor; with ferrule; push-in termination	2.5 ... 6 mm² / 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!

Material data

Color	gray
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.418 MJ
Weight	27.8 g

Commercial data

Product Group	22 (TOPJOB S)
Packaging type	BOX
Country of origin	CN
GTIN	4055143074889
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

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

Logo	Approval	Additional Approval Text	Certificate name
	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



Item no.: 2007-8892
End and separator plate; 1.5 mm thick; without lock-out seal option; orange



Item no.: 2007-8893
End and separator plate; 1.5 mm thick; with lock-out seal option; gray



Item no.: 2007-8894
End and separator plate; 1.5 mm thick; with lock-out seal option; orange

Compatible products

Protective Warning Marker



Item no.: 2006-115
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

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



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



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



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



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



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

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

Marking accessories

**Item no.: 2009-110**Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

**Item no.: 2009-115**WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

**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

**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

**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

**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

**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

**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

**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

**Item no.: 2009-198**Adaptor; gray

**Item no.: 793-501**WMB marking card; as card; not stretchable; plain; snap-on type; white

**Item no.: 793-501/000-002**WMB marking card; as card; not stretchable; plain; snap-on type; yellow

**Item no.: 793-501/000-005**WMB marking card; as card; not stretchable; plain; snap-on type; red

**Item no.: 793-501/000-006**WMB marking card; as card; not stretchable; plain; snap-on type; blue

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



Item no.: 793-501/000-007
WMB marking card; as card; not stretchable; plain; snap-on type; gray



Item no.: 793-501/000-012
WMB marking card; as card; not stretchable; plain; snap-on type; orange



Item no.: 793-501/000-017
WMB marking card; as card; not stretchable; plain; snap-on type; light green



Item no.: 793-501/000-023
WMB marking card; as card; not stretchable; plain; snap-on type; green



Item no.: 793-501/000-024
WMB marking card; as card; not stretchable; plain; snap-on type; violet

Locking lever



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



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



Item no.: 282-882
Locking cover; mechanically locks multiple links; 2-pole; transparent



Item no.: 282-883
Locking cover; mechanically locks multiple links; 3-pole; transparent



Item no.: 282-884
Locking cover; mechanically locks multiple links; 4-pole; transparent



Item no.: 282-885
Locking cover; mechanically locks multiple links; 5-pole; transparent



Item no.: 282-886
Locking cover; mechanically locks multiple links; 6-pole; transparent



Item no.: 282-887
Locking cover; mechanically locks multiple links; 7-pole; transparent



Item no.: 282-888
Locking cover; mechanically locks multiple links; 8-pole; transparent

General accessories



Item no.: 2007-8899
Lock-out; for disconnect link; yellow

tools

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

**Item no.: 210-721**

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

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

**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

**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

**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

**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

**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

**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

**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

Jumper**Item no.: 2007-8442**

Adjacent jumper for switching lever; 2-way; insulated; orange

**Item no.: 2007-8443**

Adjacent jumper for switching lever; 3-way; insulated; orange

**Item no.: 2007-8444**

Adjacent jumper for switching lever; 4-way; insulated; orange

**Item no.: 2007-8445**

Adjacent jumper for switching lever; 5-way; insulated; orange

**Item no.: 2007-8446**

Adjacent jumper for switching lever; 6-way; insulated; orange

**Item no.: 2007-8447**

Adjacent jumper for switching lever; 7-way; insulated; orange

**Item no.: 2007-8448**

Adjacent jumper for switching lever; 8-way; insulated; orange

**Item no.: 282-432**

Jumper; 2-way; insulated; orange

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



Item no.: 282-432/100-000
Jumper; 2-way; insulated; orange



Item no.: 282-433
Jumper; 3-way; insulated; orange



Item no.: 282-433/100-000
Jumper; 3-way; insulated; orange



Item no.: 282-434
Jumper; 4-way; insulated; orange



Item no.: 282-434/100-000
Jumper; 4-way; insulated; orange



Item no.: 282-435
Jumper; 5-way; insulated; orange



Item no.: 282-435/011-000
Jumper; insulated; orange



Item no.: 282-435/300-000
Jumper; insulated; orange



Item no.: 282-435/301-000
Jumper; insulated; orange



Item no.: 282-436
Jumper; 6-way; insulated; orange



Item no.: 282-436/301-000
Jumper; insulated; orange



Item no.: 282-436/304-000
Jumper; insulated; orange



Item no.: 282-437
Jumper; 7-way; insulated; orange



Item no.: 282-437/011-000
Jumper; insulated; orange



Item no.: 282-437/012-000
Jumper; insulated; orange

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



Item no.: 282-438
Jumper; 8-way; insulated; orange



Item no.: 282-438/300-000
Jumper; insulated; orange



Item no.: 282-438/301-000
Jumper; insulated; orange



Item no.: 282-439
Jumper; 9-way; insulated; orange



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



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

Downloads

Documentation

Bid Text

2007-8821	Apr 17, 2019
docx - Datei	

2007-8821	Apr 17, 2019
X81 - Datei	

Additional Information

Technical explanations	Apr 3, 2019
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CAD files

CAE data

EPLAN Data Portal 2007-8821

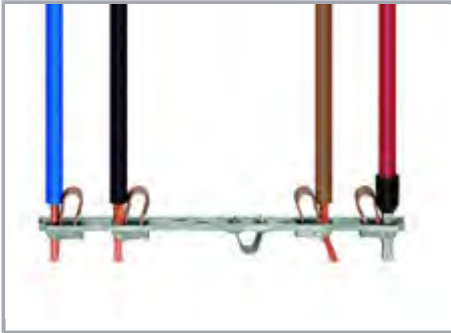
WSCAD Universe 2007-8821

ZUKEN Portal 2007-8821

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

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.



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

Safety

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



Lock-out prevents accidental operation of disconnect link.



Lock-out snaps into one of two notched positions.

Locking lever



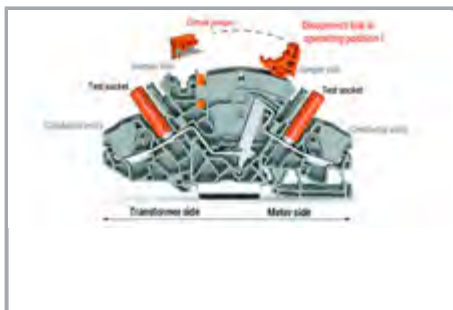
Using locking covers or profiles for adjacent terminal blocks allows disconnect links to be operated simultaneously.



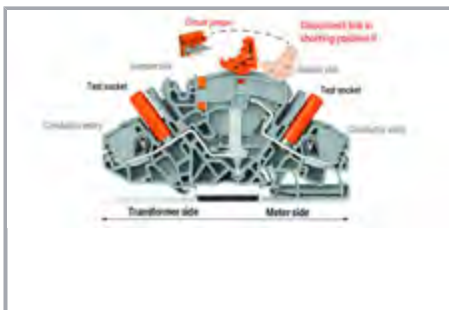
A lock-out seal can be used on the disconnect link in operating position I in combination with an end and separator plate (2007-8893 or 2007-8894).



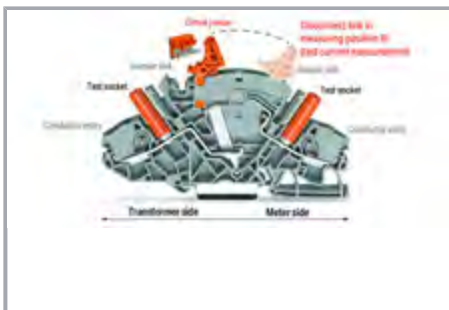
Interlocking link mechanically locks multiple links for multi-pole switching applications.



Disconnect/Test Terminal Blocks (2007-8821)



Disconnect/Test Terminal Blocks (2007-8821)

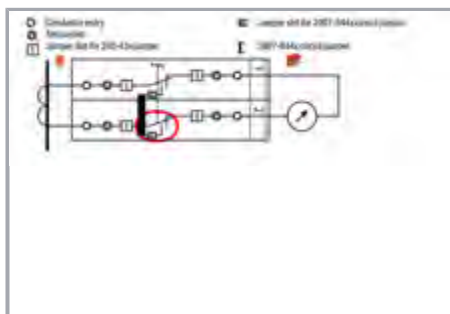


Disconnect/Test Terminal Blocks (2007-8821)

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



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.



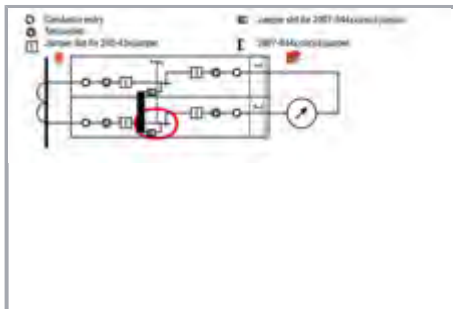
Disconnect link in shorting position II

Terminal blocks required:

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

1 x circuit jumper, orange (2007-8442)

Locking covers or interlocking links (option)

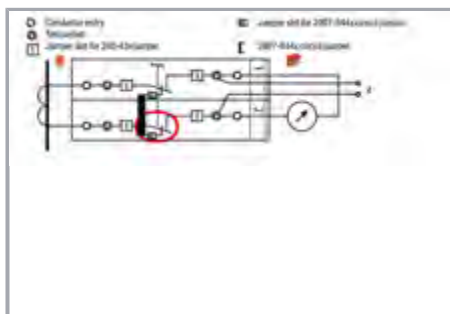


The transformer is not disconnected from the measuring device yet, the shorting path is activated by moving the disconnect link into shorting position II and the transformer is safely shorted.

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



Test current measurement: Disconnect link in measuring position III



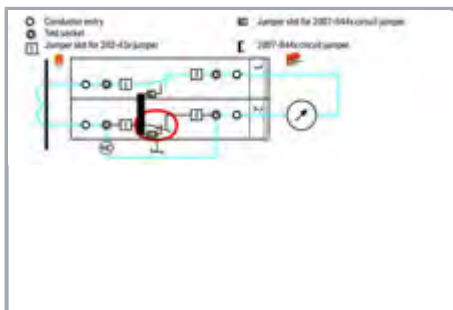
The measuring device is electrically disconnected from the transformer. If required, an external voltage can be applied to the measuring device via the test socket.



Measurement testing (using both test sockets)

Terminal block 1: Disconnect link in operating position I

Terminal block 2: Disconnect link in measuring position III

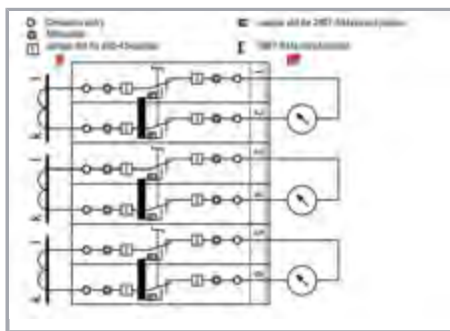


Measurement testing: First insert the reference current meter (A) into the test socket, then move the disconnect link into measurement position III (test current measurement).

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



Measuring set for a three-phase current transformer



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

Terminal blocks required:

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

3 x circuit jumper, orange (2007-8442)

In addition: interlocking links, locking covers,
lock-outs



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

Terminal blocks required:

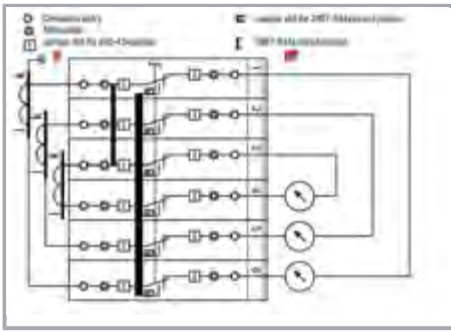
6 x disconnect/test terminal block
(2007-8821)

1 x circuit jumper, orange (2007-8446)

1 x jumper, orange (282-433)

In addition: interlocking links, locking covers,
lock-outs

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!