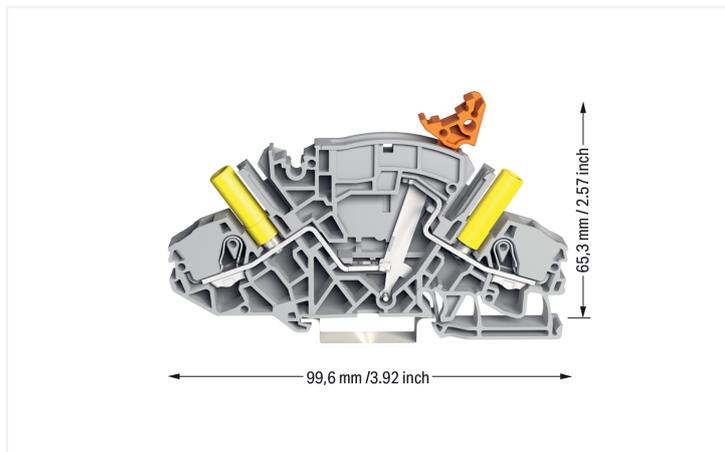


Data Sheet | Item Number: 2007-8821/041-000

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

<https://www.wago.com/2007-8821/041-000>



Color: ■ gray

Current transformer terminal block, 2007 Series, gray

Our current transformer terminal block (item number 2007-8821/041-000) ensures effortless electrical installations. Strip lengths must be between 13 and 15 mm when connecting conductors to this current transformer terminal block. This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® technology provides a universal connection solution for any type of conductor. It allows both solid and fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. Depending on the type of conductor, this current transformer terminal block is suitable for conductor cross sections ranging from 0.5 mm² to 10 mm².

Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	500 V	-	-
Rated impulse withstand voltage	6 kV	-	-
Rated current	30 A	-	-

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

Approvals per	CSA 22.2 No 158		
Use group	B	C	D
Rated voltage	300 V	300 V	300 V
Rated current	30 A	30 A	10 A

Power Loss	
Power loss, per pole (potential)	0.702 W
Rated current I_N for power loss specification	30 A
Resistance value for specified, current-dependent power loss	0.00078 Ω

General information

Wiring direction	Front-entry wiring
------------------	--------------------

Connection Data

Clamping units	2
Total number of potentials	2
Number of levels	1
Number of jumper slots	2

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	6 mm ² / 10 AWG
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	0.5 ... 6 mm ² / 20 ... 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 inches
Wiring direction	Front-entry wiring

Physical data

Width	8 mm / 0.315 inches
Height	99.6 mm / 3.921 inches
Depth from upper-edge of DIN-rail	65.3 mm / 2.571 inches

Mechanical data

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

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.42 MJ
Weight	27.8 g
Test socket color	yellow

Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

Commercial data

Product Group	22 (TOPJOB S)
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143074926
Customs tariff number	85365080000

Product Classification

UNSPSC	39121410
ETIM 9.0	EC000902
ETIM 10.0	EC000902
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	d8945b66-8b41-45c3-a8e7-4c14e87610ab
SCIP notification number (Belgium)	4bb9c269-6dd8-4147-b07e-8e29748bbc7e
SCIP notification number (Bulgaria)	94c04785-d4bb-44e3-862a-347878dfa9e1
SCIP notification number (Czech Republic)	8f6f30d4-9cbd-4cd2-93d0-426987fbf661
SCIP notification number (Denmark)	d0e8cb7f-e4c9-4fbf-ae06-8b16276b4c8c
SCIP notification number (Finland)	c66ab2c0-1806-4eda-bf9a-9c12219e4fd5
SCIP notification number (France)	ca103f6d-808b-4648-8393-3d87a85cb77e
SCIP notification number (Germany)	9f85836b-a991-4745-ac0e-3c5c3e61ce26
SCIP notification number (Hungary)	63da6082-1003-4c1b-a30e-6564a1086152
SCIP notification number (Italy)	771f6689-447b-4f48-8ae3-1f33b5ac5dd7
SCIP notification number (Netherlands)	df8cb031-5da9-4dd3-802a-f68bb6597d0f
SCIP notification number (Poland)	c7a0b772-8a9f-44ce-b76a-318567ee2fcf
SCIP notification number (Romania)	061af23e-ec42-4c9d-a077-69527e5a404d
SCIP notification number (Sweden)	d953735d-f009-4950-805b-59e97d182427

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2 No. 158	70009679
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-131652
UL UL International Germany GmbH	UL 1059	E45172

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Approvals for marine applications



Approval	Standard	Certificate Name
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2
PRS Polski Rejestr Statków	-	TE/1094/880590/23

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



Item No.: 2007-8893

End plate; 1.5 mm thick; with lock-out seal option; gray

Item No.: 2007-8894

End plate; 1.5 mm thick; with lock-out seal option; orange

Item No.: 2007-8891

End plate; 1.5 mm thick; without lock-out seal option; gray

Item No.: 2007-8892

End plate; 1.5 mm thick; without lock-out seal option; orange

1.2 Optional Accessories

1.2.1 DIN-rail

1.2.1.1 Mounting accessories



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.: 210-198

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-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.: 210-114

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



Item No.: 210-118

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

Item No.: 210-115

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.: 210-112

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

1.2.2 Installation

1.2.2.1 Cover



Item No.: 709-156

Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

1.2.2.2 Cover carrier



Item No.: 709-169

Cover carrier; Type 3; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

1.2.3 Jumper

1.2.3.1 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.: 282-440
Jumper; 10-way; insulated; orange



Item No.: 282-432
Jumper; 2-way; insulated; orange



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.: 282-436
Jumper; 6-way; insulated; orange



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



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



Item No.: 282-439
Jumper; 9-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.: 282-436/301-000
Jumper; insulated; orange



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



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



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



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



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



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

1.2.4 Locking system

1.2.4.1 Locking system



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

1.2.5 Lock-out

1.2.5.1 Locking system



Item No.: 2007-8899

Lock-out; for disconnect link; yellow

1.2.6 Marking

1.2.6.1 Marker



Item No.: 793-501/000-006

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



Item No.: 793-501/000-007

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



Item No.: 793-501/000-023

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



Item No.: 793-501/000-017

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



Item No.: 793-501/000-012

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



Item No.: 793-501/000-005

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



Item No.: 793-501/000-024

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



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.: 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.: 2009-115/000-023

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



Item No.: 2009-115/000-017

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



Item No.: 2009-115/000-012

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



Item No.: 2009-115/000-024

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



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

1.2.6.2 Marker carrier



Item No.: 2009-198

Adaptor; gray

1.2.6.3 Marking strip



Item No.: 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.2.7 Protective warning marker

1.2.7.1 Cover



Item No.: 2006-115

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

1.2.8 Screwless end stop

1.2.8.1 Mounting accessories



Item No.: 249-117

Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray



Item No.: 249-116

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

1.2.9 Tool

1.2.9.1 Operating tool



Item No.: 210-721

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

Installation Notes

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.



Lock-out prevents accidental operation of disconnect link.



Lock-out snaps into one of two notched positions.

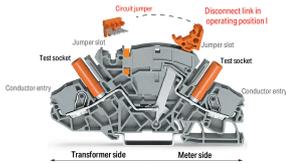
Locking system



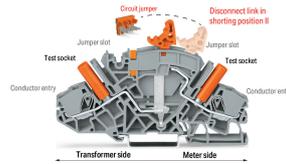
Using locking covers or profiles for adjacent terminal blocks allows disconnect links to be operated simultaneously.

A lock-out seal can be used on the disconnect link in operating position I when combined with an end and separator plate (Item No. 2007-8893 or Item No. 2007-8894).

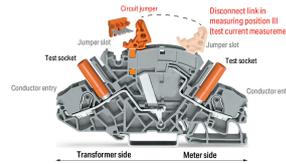
Interlocking link mechanically locks multiple links for multi-pole switching applications.



Disconnect/Test Terminal Block (Item No. 2007-8821)

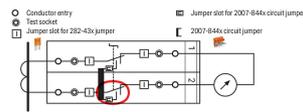


Disconnect/Test Terminal Block (Item No. 2007-8821)



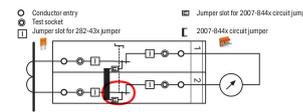
Disconnect/Test Terminal Block (Item No. 2007-8821)

Measurement



Disconnect link in operating position I
Terminal blocks required:
2 x disconnect/test terminal block (Item No. 2007-8821)
1 x circuit jumper, orange (Item No. 2007-8442)
Locking covers or interlocking links (option)

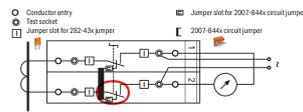
In the operating position, the measurement device is connected to the transformer, the circuit jumper is inserted and the disconnect link is in position I.



Disconnect link in shorting position II

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.

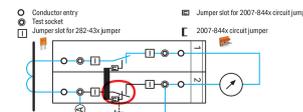
Measurement



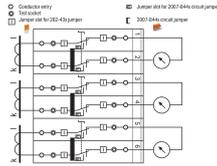
Test current measurement: Disconnect link in measuring position III

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



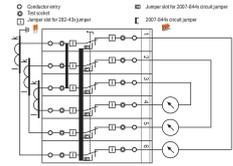
Measurement testing: First insert the reference current meter (A) into the test socket, then move the disconnect link into measurement point III (test current measurement).



Measuring set for a three-phase current transformer

Terminal blocks required:
 6 x disconnect/test terminal block (Item No. 2007-8821)
 3 x circuit jumper, orange (Item No. 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 (Item No. 2007-8821)
 1 x circuit jumper, orange (Item No. 2007-8446)
 1 x jumper, orange (Item No. 282-433)
 In addition: interlocking link, locking cover, lock-out

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

Marking



Marking via WMB Multi markers or marking strips.