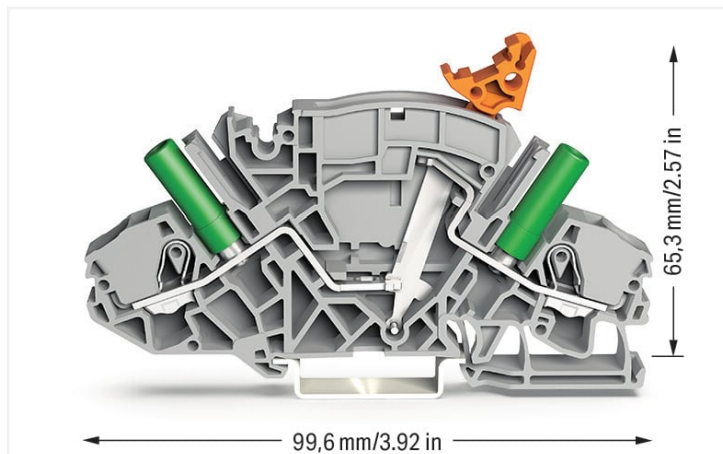


## Data Sheet | Item Number: 2007-8821/044-000

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 mm<sup>2</sup>; Push-in CAGE CLAMP®; 6,00 mm<sup>2</sup>; gray



<https://www.wago.com/2007-8821/044-000>



Color: ■ gray

### Electrical data

#### Ratings per IEC/EN

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

#### 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 specified power loss	30 A
Resistance value for specified, current-dependent power loss	0.00078 Ω

### Connection data

Connection points	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 <sup>2</sup> / 10 AWG
Solid conductor	0.5 ... 10 mm <sup>2</sup> / 20 ... 8 AWG
Solid conductor; push-in termination	1 ... 10 mm <sup>2</sup> / 14 ... 8 AWG
Fine-stranded conductor	0.5 ... 10 mm <sup>2</sup> / 20 ... 8 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 6 mm <sup>2</sup> / 20 ... 10 AWG
Fine-stranded conductor; with uninsulated ferrule	1.5 ... 6 mm <sup>2</sup> / 16 ... 10 AWG
Fine-stranded conductor; with ferrule; push-in termination	2.5 ... 6 mm <sup>2</sup> / 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)	<a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.42 MJ
Weight	27.8 g
Test socket color	green

### Environmental requirements

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

### Commercial data

eCl@ss 10.0	27-14-11-26
eCl@ss 9.0	27-14-11-26
ETIM 8.0	EC000902
ETIM 7.0	EC000902
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143300247
Customs tariff number	85365080900

### 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)	548d77c0-0d5e-4cd9-9f05-4cb7eb6dab1f
SCIP notification number (Belgium)	587348b6-8ca1-422c-a443-29a03f222a16
SCIP notification number (Bulgaria)	70907cf4-8b8a-46d0-8faa-b814ac7f0a5e
SCIP notification number (Czech Republic)	5898310a-a4a8-4db5-ab86-560d052bac6e
SCIP notification number (Denmark)	10a90fc3-c6bb-4b8e-b21e-d69306772038
SCIP notification number (Finland)	c8b94dce-6675-44ce-8845-9e2ef04179f5
SCIP notification number (France)	222e1623-0ca4-4412-a2d9-d07638245cb7
SCIP notification number (Germany)	21c492b0-81f2-4e57-9837-feab7d446663
SCIP notification number (Hungary)	77e69a7f-2749-4b15-97f6-6b47346e9e84
SCIP notification number (Italy)	ecbb6d0f-3009-4b25-b413-fa1174725439
SCIP notification number (Netherlands)	a61c623a-54cd-425e-82f3-9904efff7783
SCIP notification number (Poland)	fd8b24ad-04f5-47ba-ab32-fb9fd801f2c1

**Environmental Product Compliance**

SCIP notification number (Romania)	6905b96b-6b6a-4c47-8e08-8f0cd6299d70
SCIP notification number (Sweden)	26abf9a2-b15e-4d27-89b2-778a647b8719

**Approvals / Certificates**

**General approvals**



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	71-122099
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7911
CSA DEKRA Certification B.V.	C22.2 No. 158	70009679
UL UL International Germany GmbH	UL 1059	E45172

**Declarations of conformity and manufacturer's declarations**



Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
Railway WAGO GmbH & Co. KG	-	Railway Ready
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

**Approvals for marine applications**



Approval	Standard	Certificate Name
DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

**Downloads**

**Environmental Product Compliance**

Compliance Search
Environmental Product Compliance 2007-8821/044-000



**Documentation**

**Additional Information**

Technical Section	pdf 2240.62 KB	
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## CAD/CAE-Data

CAD data	CAE data
<a href="#">2D/3D Models</a> 2007-8821/044-000	<a href="#">EPLAN Data Portal</a> 2007-8821/044-000
	<a href="#">WSCAD Universe</a> 2007-8821/044-000
	<a href="#">ZUKEN Portal</a> 2007-8821/044-000

## 1 Compatible Products

### 1.1 Required Accessories

#### 1.1.1 End plate

##### 1.1.1.1 End plate



<a href="#">Item No.: 2007-8893</a> End plate; 1.5 mm thick; with lock-out seal option; gray	<a href="#">Item No.: 2007-8894</a> End plate; 1.5 mm thick; with lock-out seal option; orange	<a href="#">Item No.: 2007-8891</a> End plate; 1.5 mm thick; without lock-out seal option; gray	<a href="#">Item No.: 2007-8892</a> End plate; 1.5 mm thick; without lock-out seal option; orange
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### 1.2 Optional Accessories

#### 1.2.1 DIN-rail

##### 1.2.1.1 Mounting accessories



<a href="#">Item No.: 210-196</a> Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	<a href="#">Item No.: 210-198</a> Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored	<a href="#">Item No.: 210-197</a> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored	<a href="#">Item No.: 210-114</a> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored
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<a href="#">Item No.: 210-118</a> Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="#">Item No.: 210-115</a> 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	<a href="#">Item No.: 210-112</a> 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	<a href="#">Item No.: 210-113</a> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored
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#### 1.2.2 Ferrule

##### 1.2.2.1 Ferrule



<a href="#">Item No.: 216-262</a> 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	<a href="#">Item No.: 216-263</a> 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	<a href="#">Item No.: 216-264</a> 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	<a href="#">Item No.: 216-266</a> 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
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<a href="#">Item No.: 216-267</a> 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	<a href="#">Item No.: 216-208</a> Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow
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### 1.2.3 Installation

#### 1.2.3.1 Cover



**Item No.: 709-156**

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

#### 1.2.3.2 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

### 1.2.4 Jumper

#### 1.2.4.1 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.: 2007-8447**

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



**Item No.: 2007-8446**

Short circuit jumper; 6-way; insulated; orange

## 1.2.5 Locking system

### 1.2.5.1 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

## 1.2.6 Lock-out

### 1.2.6.1 Locking system



**Item No.: 2007-8899**

Lock-out; for disconnect link; yellow

## 1.2.7 Marking

### 1.2.7.1 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

### 1.2.7.2 Marker carrier



**Item No.: 2009-198**

Adaptor; gray

### 1.2.7.3 Marking strip



**Item No.: 2009-110**

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

### 1.2.8 Protective warning marker

#### 1.2.8.1 Cover



**Item No.: 2006-115**

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

### 1.2.9 Screwless end stop

#### 1.2.9.1 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

### 1.2.10 Tool

#### 1.2.10.1 Operating tool

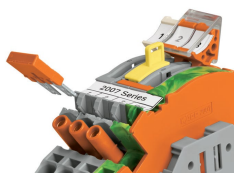


**Item No.: 210-721**

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



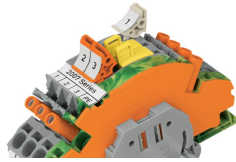
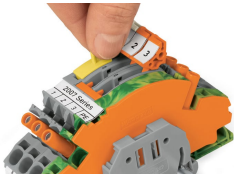
Preparing shorting path for the current transformer circuits.



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



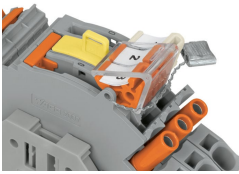
Insert insulated, touch-proof circuit jumpers into jumper slot.



Lock-out prevents accidental operation of disconnect link.

Lock-out snaps into one of two notched positions.

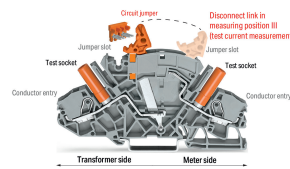
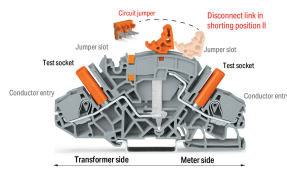
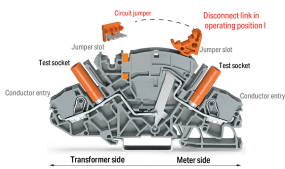
### Locking system



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 (2007-8893 or 2007-8894).

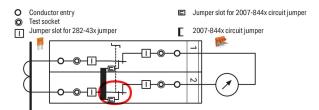
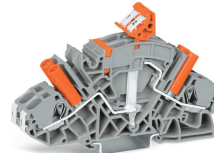
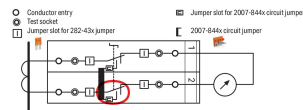
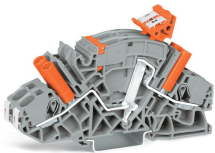
Interlocking link mechanically locks multiple links for multi-pole switching applications.



Disconnect/Test Terminal Block (2007-8821)

Disconnect/Test Terminal Block (2007-8821)

Disconnect/Test Terminal Block (2007-8821)

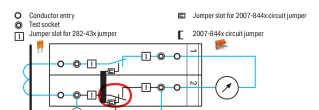
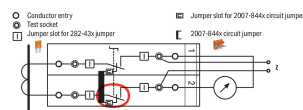


**Disconnect link in operating position I**  
Terminal blocks required:  
2 x disconnect/test terminal block (2007-8821)  
1 x circuit jumper, orange (2007-8442)  
Locking covers or interlocking links (option)

In the operating position, the measuring 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.



### Test current measurement: Disconnect link in measuring position III

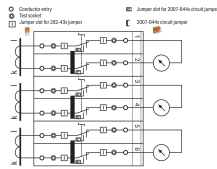
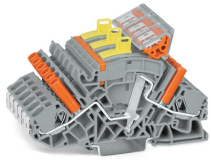
The measuring device is electrically disconnected from the transformer. If required, an external voltage can be applied to the measuring device via the test socket.

### 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).

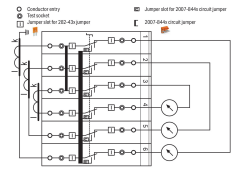




**Measuring set for a three-phase current transformer**

Terminal blocks required:  
 6 x disconnect/test terminal block (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.

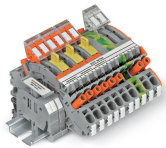


**Measuring set for a three-phase current transformer with 'Y' point**

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

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

**Marking**



Marking via WMB Multi markers or marking strips.