

## Data Sheet | Item Number: 2007-8811/046-000

2-conductor disconnect/test terminal block; e.g., voltage transformer circuits; with touch-proof test sockets; 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/2007-8811/046-000>



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	0.427 MJ
Weight	27.9 g
Test socket color	black

### Environmental requirements

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

### Commercial data

ETIM 8.0	EC000902
ETIM 7.0	EC000902
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	CN
GTIN	4055144059410
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)	16e8b001-3903-4884-aad3-425c9f6110e5
SCIP notification number (Belgium)	4e5bf909-4272-4d18-ada5-e9f80cde7da7
SCIP notification number (Bulgaria)	3f160aa9-5536-45a9-a74a-75158a8fa646
SCIP notification number (Czech Republic)	c7841c0f-e916-4917-8b7d-7c0c441e8837
SCIP notification number (Denmark)	0cc4719a-2c0a-405a-bc9b-d10873d612d8
SCIP notification number (Finland)	d083cf67-70eb-4e18-85fa-5eb072137b62
SCIP notification number (France)	13bdb892-3c57-4985-81b4-eab58854e10c
SCIP notification number (Germany)	04ca1aa4-0bb5-46e5-8582-ef28826f633a
SCIP notification number (Hungary)	e32ce56d-361d-448f-aa70-3427a73118e4
SCIP notification number (Italy)	c286f2ab-bb43-4cda-a62c-addf50c157e1
SCIP notification number (Netherlands)	b9ec1a49-c76d-4403-8af8-d27fef508e9f
SCIP notification number (Poland)	0270baa7-f319-4523-8d81-c0b00b0e0536
SCIP notification number (Romania)	6f1fc56e-2d15-4777-9171-0520a97fdb66
SCIP notification number (Sweden)	39a1e77e-065b-49cb-8b38-c7dfd18eb5ee

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 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

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2007-8811/046-000 <a href="#">↓</a>

Documentation

Additional Information
Technical Section pdf 2240.62 KB <a href="#">↓</a>

CAD/CAE-Data

CAD data
2D/3D Models 2007-8811/046-000 <a href="#">↓</a>

## 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 Ferrule

##### 1.2.2.1 Ferrule



**Item No.: 216-262**

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



**Item No.: 216-263**

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



**Item No.: 216-264**

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



**Item No.: 216-266**

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



**Item No.: 216-267**

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



**Item No.: 216-208**

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

### 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.: 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

## 1.2.5 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

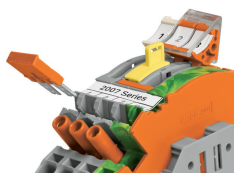


**Item No.: 210-721**

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

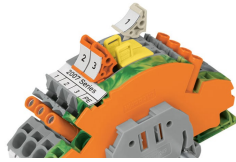
### Installation Notes

#### Commoning



Additional commoning option on the transformer side

**Security**



Lock-out prevents accidental operation of disconnect link.

Lock-out snaps into one of two notched positions.

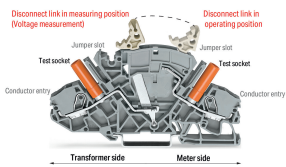
**Locking system**



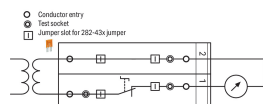
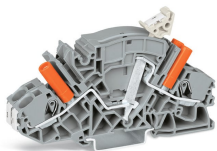
Using locking covers or profiles for adjacent terminal blocks allows disconnect links to be operated simultaneously.

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 (2007-8811)



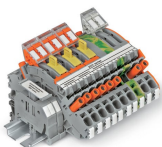
**Example for voltage transformer testing  
Measuring set for single-phase voltage transformer testing**

Terminal blocks required:  
 1 x disconnect/test terminal block (2007-8811)  
 1 x through terminal block (2007-8801)  
 1 x end plate, orange (2007-8892)  
 In addition: locking cover, lock-out

Disconnecting the voltage transformer from the circuit: Move disconnect link from operating position to measurement position.

Voltage measurement: Connecting a measurement device via test socket on the meter side can only be performed after disconnection is complete (measuring point).

**Marking**



Marking via WMB Multi markers or marking strips.