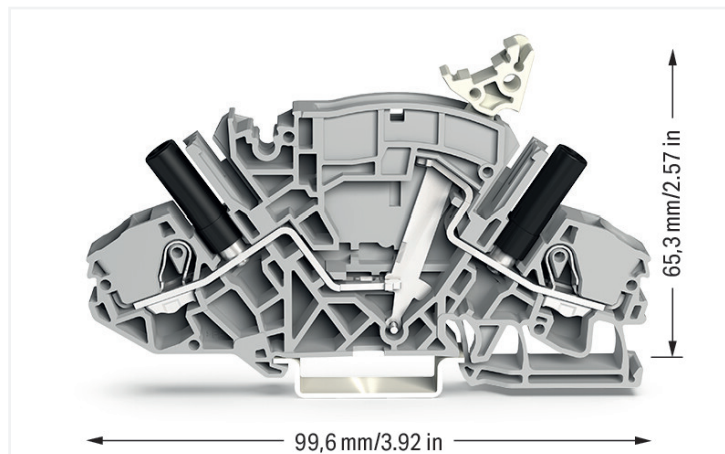


## Data Sheet | Item Number: 2007-8811/046-000

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

Voltage transformer terminal block, 2007 Series, gray

This voltage transformer terminal block (item number 2007-8811/046-000) simplifies electrical installations. Conductors should only be connected to this voltage transformer terminal block if their strip length is between 13 and 15 mm. 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 voltage transformer terminal block is designed for conductor cross sections ranging from 0.5 mm<sup>2</sup> to 10 mm<sup>2</sup>.

### 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 <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="#">Information on material specifications can be found here</a> |
| Color                              | gray   |
| Material group                     | I  |
| Insulation material (main housing) | Polyamide (PA66)   |
| Flammability class per UL94        | V0   |
| Fire load                          | 0.426 MJ   |
| Weight                             | 27.9 g   |
| Test socket color                  | black  |

## Environmental requirements

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

## Commercial data

|                       |               |
|-----------------------|---------------|
| PU (SPU)              | 20 pcs        |
| Packaging type        | Box           |
| Country of origin     | CN            |
| GTIN                  | 4055144059410 |
| Customs tariff number | 85365080000   |

### Product Classification

|           |                      |
|-----------|----------------------|
| UNSPSC    | 39121402             |
| 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)        | 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 |
|---------------------------------------|---------------|------------------|
| CSA<br>DEKRA Certification B.V.       | C22.2 No. 158 | 70009679         |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947      | 71-131652        |
| UL<br>UL International Germany GmbH   | UL 1059       | E45172           |

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

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

#### Approvals for marine applications



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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance  
2007-8811/046-000



CAD/CAE-Data

CAD data

2D/3D Models  
2007-8811/046-000



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.: 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

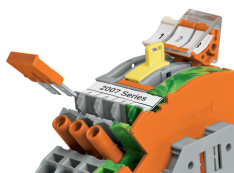


**Item No.: 210-721**

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

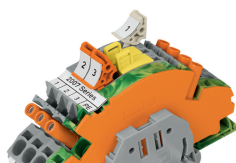
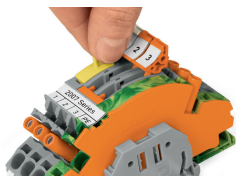
## Installation Notes

### Commoning



Additional commoning option on the transformer side

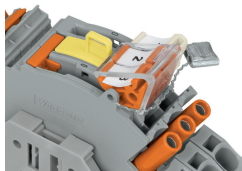
## Security



Lock-out prevents accidental operation of disconnect link.

Lock-out snaps into one of two notched positions.

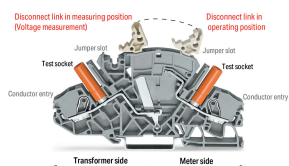
## Locking system



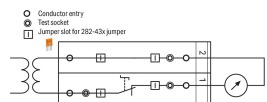
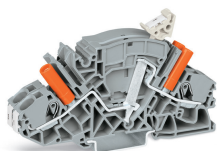
Using locking covers or profiles for adjacent terminal blocks allows disconnect links to be operated simultaneously.

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

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



Disconnect/Test Terminal Block (2007-8811)

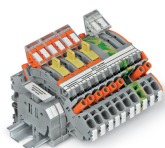


### Example for voltage transformer testing Measuring set for single-phase voltage transformer testing

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.

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

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Current addresses can be found at: [www.wago.com](http://www.wago.com)