

Item description

Short description:

WAGO's Voltage Taps serve as busbar taps for measuring L- or N-conductors and are equipped with an integrated SIBA fuse with indicator. The built-in fuse is located directly above the voltage-carrying busbar. In the event of an overload and short circuit, the downstream measurement unit is safely disconnected before major damage occurs.

The voltage taps can be mounted directly on the busbar. Mounting is performed via M8 screw.

The measurement line is connected via Push-in CAGE CLAMP®, the universal connection technology for all conductor types that provides the simplicity of push-in terminations. Rigid conductors, such as solid and stranded conductors, as well as fine-stranded conductors with ferrules, can be terminated by simply pushing them in – no operating tool needed. The connection unit with a fuse and Push-in CAGE CLAMP® rotates. This creates additional added value by directly guiding subsequent wiring into the cable channel.

In addition, the voltage taps can be labeled with two different marking options.

Features:

- Fuse-protected voltage tap for measurement purposes
- Safe protection through integrated fuse with indicator (measurement line/device)
- WAGO push-in termination technology
- WAGO labeling options (WMB markers or marking strips)

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

**Note:**

Spare fuse: WAGO 855-8020

Data**Technical data****Output – voltage tap**

| | |
|---------------------|-------------------------------------------------|
| Rated voltage | AC 400 V |
| Fuse (voltage path) | 2 A; 450 V; F; 70 kA; 5 x 25 mm (WAGO 855-8020) |

Connection data

| | |
|-------------------------|-------------------------------------------|
| Connection technology | Push-in CAGE CLAMP® |
| WAGO Connector | WAGO 2724 Series |
| Solid conductor | 0.2 ... 6 mm ² / 24 ... 10 AWG |
| Fine-stranded conductor | 0.2 ... 6 mm ² / 24 ... 10 AWG |
| Strip length | 10 ... 12 mm / 0.39 ... 0.47 inch |

Physical data

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|--------|--------------------|
| Width | 61 mm / 2.402 inch |
| Height | 14 mm / 0.551 inch |
| Depth | 48 mm / 1.89 inch |

Mechanical data

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|---------------|------------------------|
| Mounting type | M8 mount |
| Mounting type | Installation on busbar |

Material data

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|--------|------|
| Weight | 31 g |
|--------|------|

Environmental requirements

| | |
|-----------------------------------------|---------------------------------------------------------------------------|
| Surrounding air temperature (operation) | -25 ... 70 °C |
| Surrounding air temperature (storage) | -40 ... 85 °C |
| Relative humidity | 5 ... 85 % (without condensation) |
| Operating altitude (max.) | 2000 m |
| Vibration resistance | 10g (industry; 5 ... 2000 Hz; per IEC 60068-2-6); 4g (ship; 5 ... 150 Hz) |

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WAGO Kontakttechnik GmbH & Co. KG
 Hansastr. 27
 32423 Minden
 Phone: +49571 887-0 | Fax: +49571 887-169
 Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
 We are always happy to take your call at +49 (571) 887-44222.

per IEC 60068-2-6)

Standards and specifications

| | |
|--------------------------|---------------|
| Standards/Specifications | IEC 60947-7-3 |
|--------------------------|---------------|

Commercial data

| | |
|-----------------------|---------------|
| Packaging type | bag |
| Country of origin | NL |
| GTIN | 4055143720052 |
| Customs tariff number | 85366990990 |

Compatible products

General accessories

| | | |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
|  | Item no.: 2007-8873 Compact terminal block; for current and voltage transformers; 6,00 mm ² ; multicoloured | www.wago.com/2007-8873 |
|  | Item no.: 2007-8874 Compact terminal block; for current and voltage transformers; 6,00 mm ² ; multicoloured | www.wago.com/2007-8874 |
|  | Item no.: 2007-8875 Compact terminal block; for current transformer circuit; 6,00 mm ² ; multicoloured | www.wago.com/2007-8875 |
|  | Item no.: 2007-8876 Compact terminal block; for 3-phase current transformer circuit; 6,00 mm ² ; multicoloured | www.wago.com/2007-8876 |
|  | Item no.: 2007-8877 Compact terminal block; for current transformer circuit; 6,00 mm ² ; multicoloured | www.wago.com/2007-8877 |
|  | Item no.: 2857-570/024-000 3-Phase Power Measurement Module; 3x400/690 V/RC; Modbus RTU; Digital output; Configuration via software; Supply voltage: 24 VDC | www.wago.com/2857-570/024-000 |
|  | Item no.: 2857-570/024-001 3-Phase Power Measurement Module; 3x400/690 V/1 A; Modbus RTU; Digital output; Configuration via software; Supply voltage: 24 VDC | www.wago.com/2857-570/024-001 |
|  | Item no.: 2857-570/024-005 3-Phase Power Measurement Module; 3x400/690 V/5 A; Modbus RTU; Digital output; Configuration via software; Supply voltage: 24 VDC | www.wago.com/2857-570/024-005 |
|  | Item no.: 855-8020 Miniature fuse; 5 x 25 mm; with indicator | www.wago.com/855-8020 |
|  | Item no.: 857-560 Voltage signal conditioner; Voltage input signal; Current and voltage output signal; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width | www.wago.com/857-560 |
| | Item no.: 857-569 | |

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



Power signal conditioner; Current and voltage input signal; Current and voltage output signal; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width

www.wago.com/857-569

Downloads

Documentation

Bid Text

| | | | |
|-------------------------|-------------|---------------|----------|
| 855-8008 X81 - Datei | 19. 2. 2019 | xml 4.6 kB | Download |
|-------------------------|-------------|---------------|----------|

| | | | |
|--------------------------|-------------|-----------------|----------|
| 855-8008 docx - Datei | 20. 2. 2019 | docx 17.8 kB | Download |
|--------------------------|-------------|-----------------|----------|

Instruction Leaflet

| | | | |
|-------------------|---------|-----------------|----------|
| Potentialabgriffe | V 1.0.0 | pdf 736.5 kB | Download |
|-------------------|---------|-----------------|----------|

Additional Information

| | | | |
|----------------------------------------------------------|---------|-----------------|----------|
| Disposal; Electrical and electronic equipment, Packaging | V 1.0.0 | pdf 265.8 kB | Download |
|----------------------------------------------------------|---------|-----------------|----------|

Environmental Product Compliance

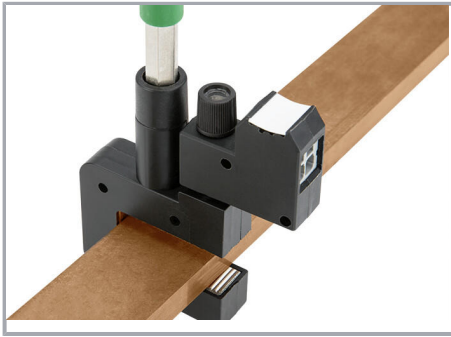
Compliance Search

| | | | |
|--------------------------------------------------------------------------------------------------|--|-----|----------|
| Environmental Product Compliance 855-8008 Power tap; for busbar; with fuse; Mounting screw M8 | | URL | Download |
|--------------------------------------------------------------------------------------------------|--|-----|----------|

Installation Notes

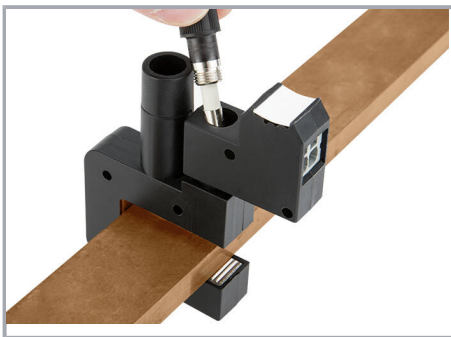
Installation

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



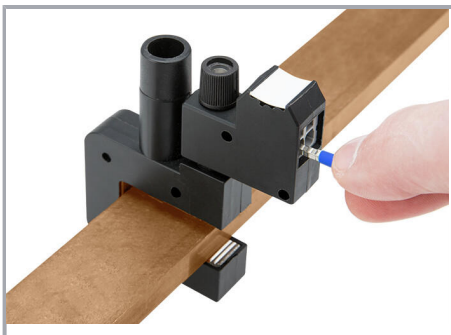
Installation on busbar; fastening with Allen wrench

Installation



Integrated SIBA fuse (overload and short circuit protection)

Installation



Push-in CAGE CLAMP[®] connection technology

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