

## 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)

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



- WAGO push-in termination technology
- WAGO labeling options (WMB markers or marking strips)

**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 <sup>2</sup> / 24 ... 10 AWG
Fine-stranded conductor	0.2 ... 6 mm <sup>2</sup> / 24 ... 10 AWG
Strip length	10 ... 12 mm / 0.39 ... 0.47 inch

**Physical data**

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

**Mechanical data**

Mounting type	M8 mount
Mounting type	Installation on busbar

**Material data**

Weight	31 g
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**Environmental requirements**

Surrounding air temperature (operation)	-25 ... 70 °C
Surrounding air temperature (storage)	-40 ... 85 °C

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

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; per IEC 60068-2-6)

## Standards and specifications










Standards/Specifications	IEC 60947-7-3
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## Commercial data

PU (SPU)	1 Stück
Packaging type	bag
Country of origin	NL
GTIN	4055143720052
Customs tariff number	85366990990

## Optional accessories

### General accessories

	<b>Item no.: 2007-8873</b> Compact terminal block; for current and voltage transformers; 6,00 mm <sup>2</sup> ; multicoloured	<a href="http://www.wago.com/2007-8873">www.wago.com/2007-8873</a>
	<b>Item no.: 2007-8874</b> Compact terminal block; for current and voltage transformers; 6,00 mm <sup>2</sup> ; multicoloured	<a href="http://www.wago.com/2007-8874">www.wago.com/2007-8874</a>
	<b>Item no.: 2007-8875</b> Compact terminal block; for current transformer circuit; 6,00 mm <sup>2</sup> ; multicoloured	<a href="http://www.wago.com/2007-8875">www.wago.com/2007-8875</a>
	<b>Item no.: 2007-8876</b> Compact terminal block; for 3-phase current transformer circuit; 6,00 mm <sup>2</sup> ; multicoloured	<a href="http://www.wago.com/2007-8876">www.wago.com/2007-8876</a>
	<b>Item no.: 2007-8877</b> Compact terminal block; for current transformer circuit; 6,00 mm <sup>2</sup> ; multicoloured	<a href="http://www.wago.com/2007-8877">www.wago.com/2007-8877</a>
	<b>Item no.: 2857-570/024-000</b> 3-Phase Power Measurement Module; 3x400/690 V/RC; Modbus RTU; Digital output; Configuration via software; Supply voltage: 24 VDC	<a href="http://www.wago.com/2857-570/024-000">www.wago.com/2857-570/024-000</a>
	<b>Item no.: 2857-570/024-001</b> 3-Phase Power Measurement Module; 3x400/690 V/1 A; Modbus RTU; Digital output; Configuration via software; Supply voltage: 24 VDC	<a href="http://www.wago.com/2857-570/024-001">www.wago.com/2857-570/024-001</a>
	<b>Item no.: 2857-570/024-005</b> 3-Phase Power Measurement Module; 3x400/690 V/5 A; Modbus RTU; Digital output; Configuration via software; Supply voltage: 24 VDC	<a href="http://www.wago.com/2857-570/024-005">www.wago.com/2857-570/024-005</a>
	<b>Item no.: 855-8020</b>	<a href="http://www.wago.com/855-8020">www.wago.com/855-8020</a>

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

Miniature fuse; 5 x 25 mm; with indicator



**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](http://www.wago.com/857-560)



**Item no.: 857-569**

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](http://www.wago.com/857-569)

**Downloads**

**Documentation**

**Bid Text**

855-8008 X81 - Datei	19 Feb 2019	xml 4.6 kB	Download
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855-8008 docx - Datei	20 Feb 2019	docx 17.8 kB	Download
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**Instruction Leaflet**

Potentialabgriffe	V 1.0.0	pdf 736.5 kB	Download
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**Additional Information**

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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**Environmental Product Compliance**

**Compliance Search**

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

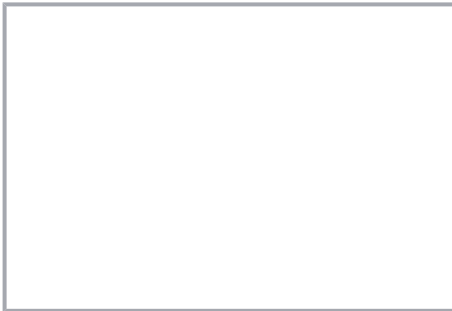
**Installation**

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



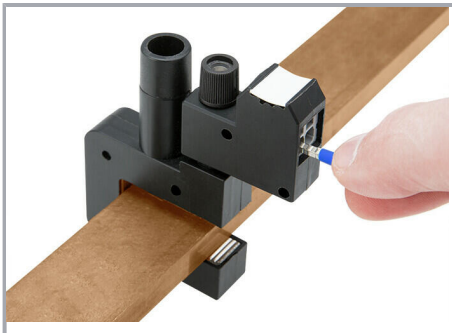
Installation on busbar; fastening with Allen wrench

#### Installation



Integrated SIBA fuse (overload and short circuit protection)

#### Installation



Push-in CAGE CLAMP<sup>®</sup> connection technology

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