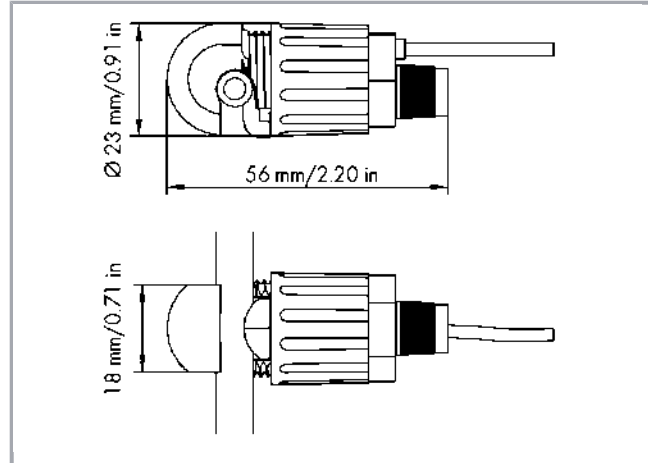


## Data sheet | Item number: 855-8003

Power tap; with fuse; 10 mm<sup>2</sup> (8 AWG) - 16 mm<sup>2</sup> (6 AWG); Phase

[www.wago.com/855-8003](http://www.wago.com/855-8003)



RoHS   
Compliant



### Item description

#### Short description:

These voltage taps (855 Series) easily and safely tap the measurement voltage.

This allows a fuse-protected measurement voltage to be tapped from an insulated conductor with just one turn – no tools required.

#### Features:

- Safely tap the measurement voltage with just one turn

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

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



- Tool-free assembly
- Secure mounting
- Voltage taps (855-8001 and 855-8003) include a (5 x 25) mm 2 A fuse
- For insulated conductors up to 16 mm<sup>2</sup> (6 AWG)
- Cable length: 3 m

**Note:**

Spare fuse: SIBA Fuse, Item No. 7008913.2

**Data**

**Technical Data**

**Output – Voltage tap**

Rated voltage	AC 400 V
Max. continuous current	2 A
Max. voltage drop at output	≤ AC 0,5 V
Fuse (voltage path)	2 A; 450 V; F; 70 kA; 5 x 25 mm

**Safety and protection:**

Test voltage	AC 3 kV; 50 Hz; 1 min
Rated surge voltage	6 kV
Overvoltage category	III
Pollution degree	2
Protection class	IP20

**Connection data**

Connection technology	IDC
Solid conductor	10 ... 16 mm <sup>2</sup> / 8 ... 6 AWG
Fine-stranded conductor	10 ... 16 mm <sup>2</sup> / 8 ... 6 AWG
Feedthrough for measurement conductor	Ø 5 ... 7 mm
Type of cable	Secondary side: 1 x 1.0 mm <sup>2</sup> ; flexible; with ferrule

**Geometrical Data**

Width	23 mm / 0.906 inch
Height	59 mm / 2.323 inch

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



Depth	23 mm / 0.906 inch
Cable length	3 m

### Mechanical data

Mounting type	Insulation displacement connection (IDC)
Type of mounting	Mounting on insulated round cable
Usability	Can be reused several times (max. 24 times)

### Material Data

Flammability class per UL94	V2
Housing material	PA 66
Weight	72.6 g

### Environmental Requirements

Pollution degree	2
Surrounding air (operating) temperature	-5 ... 55 °C
Surrounding air (storage) temperature	-20 ... 70 °C
Relative humidity	5 ... 85 % (without condensation)
Max. operating altitude	2000 m

### Standards and specifications

Conformity marking	CE
Standards/specifications	EN 60947-7-1

### Commercial data

Packaging type	BOX
Country of origin	NL
GTIN	4055143371797
Customs Tariff No.	85366990990

### Counterpart











### Compatible products

### General accessories

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	<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.: 857-560</b> Voltage signal conditioner; Voltage input signal; Current and voltage output signal; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width	<a href="http://www.wago.com/857-560">www.wago.com/857-560</a>
	<b>Item no.: 857-569</b> 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	<a href="http://www.wago.com/857-569">www.wago.com/857-569</a>

## Downloads Documentation

### Bid Text

855-8003 GAEB docx - Datei	Feb 20, 2019	docx 17.8 kB	Download
855-8003 GAEB X81 - Datei	Feb 19, 2019	xml 5.1 kB	Download

### Instruction Leaflet

Potentialabgriffe		pdf 79.6 kB	Download
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## Additional Information

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

pdf  
265.8 kB

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## Installation Notes

### Installation



Installation on insulated conductor with IDC connection



Integrated SIBA fuse to protect equipment and conductorLeiter

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