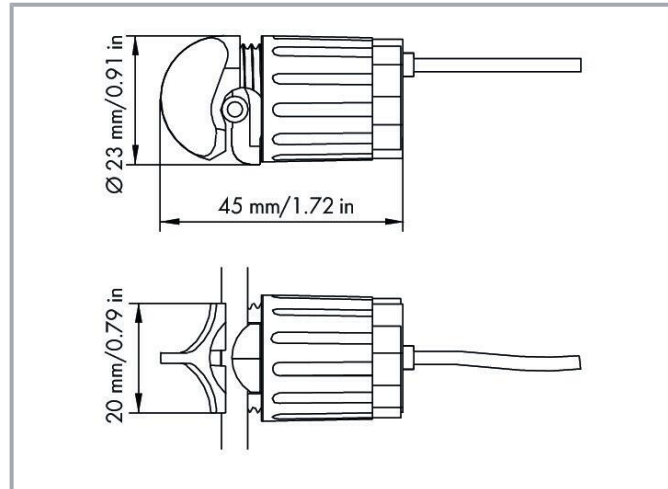


Data sheet | Item number: 855-8002

Power tap; without fuse; 2,5 mm² (12 AWG) - 6 mm² (10 AWG); N-conductor

www.wago.com/855-8002



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
- Tool-free assembly
- Secure mounting

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

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- Voltage taps (855-8001 and 855-8003) include a (5 x 25) mm 2 A fuse
- For insulated conductors up to 16 mm² (6 AWG)
- Cable length: 3 m

Data

Technical data

Output – voltage tap

Rated voltage	AC 400 V
Continuous current (max.)	2 A
Voltage drop at output (max.)	≤ AC 0.5 V
Fuse (voltage path)	-

Safety and protection

Rated surge voltage	6 kV
Overvoltage category	III
Pollution degree	2
Protection type	IP20

Test voltage

Test voltage	AC 3 kV; 50 Hz; 1 min
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Connection data

Connection technology	IDC
Solid conductor	2.5 ... 6 mm ² / 14 ... 10 AWG
Fine-stranded conductor	2.5 ... 6 mm ² / 14 ... 10 AWG
Feedthrough for measurement conductor	Ø 3 ... 5 mm
Cable type	Secondary side: 1 x 1.0 mm ² ; flexible; with ferrule

Physical data

Width	23 mm / 0.906 inch
Height	50 mm / 1.969 inch
Depth	23 mm / 0.906 inch
Cable length	3 m

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Mechanical data

Mounting type	Insulation displacement connection (IDC)
Mounting type	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	20 g

Environmental requirements

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

Standards and specifications

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

Commercial data

PU (SPU)	10 (1) Stück
Packaging type	box
Country of origin	NL
GTIN	4055143378857
Customs tariff number	85366990990

Optional accessories

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

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	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.: 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 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

855-8002 docx - Datei	20 Feb 2019	docx 17.5 kB	Download
855-8002 X81 - Datei	19 Feb 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	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 855-8002

URL

Download

Power tap; without fuse; 2,5 mm² (12 AWG) - 6 mm² (10 AWG); N-conductor

Installation Notes

Installation



Installation on an insulated conductor with insulation displacement connection (IDC)

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

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