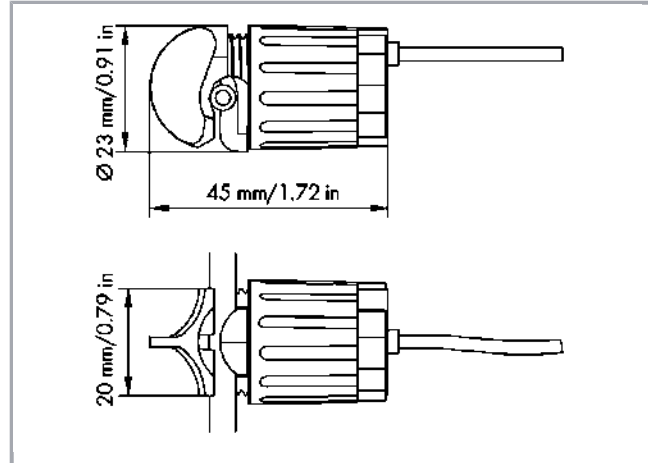


Data sheet | Item number: 855-8002

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.

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

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.



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
- 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
Max. continuous current	2 A
Max. voltage drop at output	≤ AC 0,5 V
Fuse (voltage path)	-

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	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
Type of cable	Secondary side: 1 x 1.0 mm ² ; flexible; with ferrule

Geometrical Data

Width	23 mm / 0.906 inch
Height	50 mm / 1.969 inch
Depth	23 mm / 0.906 inch

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

Cable length	3 m
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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	20 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	4055143378857
Customs Tariff No.	85366990990

Counterpart

Compatible products

General accessories



Item no.: 2007-8873

Compact terminal block; for current and voltage transformers; 6,00 mm²; multicoloured

www.wago.com/2007-8873

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

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	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.: 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 GAEB X81 - Datei	Feb 19, 2019	xml 5.1 kB	Download
855-8002 GAEB docx - Datei	Feb 20, 2019	docx 17.5 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	Download
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Subject to changes. Please also observe the further product documentation!

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Installation Notes

Installation



Installation on insulated conductor with IDC connection

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