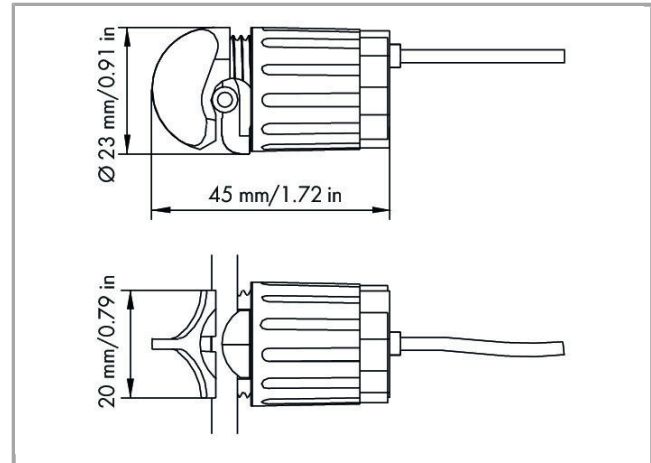


## Data sheet | Item number: 855-8002

Power tap; without fuse; 2,5 mm<sup>2</sup> (12 AWG) - 6 mm<sup>2</sup> (10 AWG); N-conductor



855-8002



### Item description

#### Short description:

The 855 Series Voltage Taps 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

- Safe mounting
- 855-8001 and 855-8003 Voltage Taps, including 5 x 25 mm 2 A fuse
- For insulated conductors up to 16 mm<sup>2</sup> (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 <sup>2</sup> / 14 ... 10 AWG
Fine-stranded conductor	2.5 ... 6 mm <sup>2</sup> / 14 ... 10 AWG
Feedthrough for measurement conductor	Ø 3 ... 5 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	50 mm / 1.969 inch
Depth	23 mm / 0.906 inch
Cable length	3 m

#### Mechanical data

Mounting type	IDC connection
Type of mounting	Mounting on insulated round conductor
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 % (no condensation)
Max. operating altitude	2000 m

## Standards and specifications








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

## Commercial data

Country of origin	NL
GTIN	4055143378857
Customs Tariff No.	85366990990

## Compatible products

### General accessories

	<b>Item no.: 2007-8873</b> Compact terminal block; for current and voltage transformers	2007-8873
	<b>Item no.: 2007-8874</b> Compact terminal block; for current and voltage transformers	2007-8874
	<b>Item no.: 2007-8875</b> Compact terminal block; for current transformer circuit	2007-8875
	<b>Item no.: 2007-8876</b> Compact terminal block; for 3-phase current transformer circuit	2007-8876
	<b>Item no.: 2007-8877</b> Compact terminal block; for current transformer circuit	2007-8877
	<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	2857-570 /024-000
	<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	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

2857-570



**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

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

857-569

## Downloads

### Documentation

#### Instruction Leaflet

Voltage Taps

pdf  
79.6 kB

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#### Additional Information

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

pdf  
265.8 kB

Download

Subject to changes.