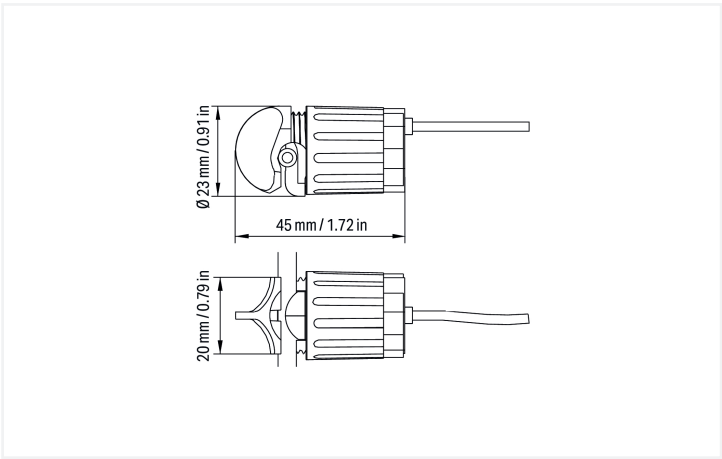




Short description:
WAGO's Power Taps (855 Series) easily and safely tap the measurement voltage.
This allows a fuse-protected measurement voltage to be tapped from an insulated conductor with just one turn – no tools required.

- Features:**
- Safely tap the measurement voltage with just one turn
 - Tool-free assembly
 - Secure mounting
 - Cable length: 3 m

Technical data

Input		Output – voltage tap	
Measured variable	Voltage	Continuous current (max.)	2 A
		Fuse (voltage path)	-
		Rated Voltage	400 VAC
		Voltage drop	≤ 0.5 VAC

Safety and protection

Rated impulse withstand voltage	6 kV
Overvoltage category	III
Pollution degree	2
Protection type	IP20
Test voltage	3 kVAC; 50 Hz; 1 min

Connection Data

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



Physical data		
Cable length		3 m
Width		23 mm / 0.906 inches
Height		50 mm / 1.969 inches
Depth		23 mm / 0.906 inches

Mechanical data		
Mounting type		Insulation displacement connection
Mounting type		Mounting on insulated round cable
Torque range		1.5 ... 2 Nm
Usability		Can be reused several times (max. 24 times)

Material data		
Housing material		PA 66
Weight		20 g

Environmental requirements		
Ambient temperature (operation)		-5 ... +55 °C
Ambient 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) pcs
Packaging type		Box
Country of origin		NL
Customs tariff number		85366990990

Product Classification		
UNSPSC		39121406
eCl@ss 10.0		27-14-11-92
eCl@ss 9.0		27-14-11-92
ETIM 9.0		EC002848
ETIM 10.0		EC002848
ECCN		NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC GZO Almaty Standart	TP TC 004/2011	EAC CoC 03082

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 855-8002

↓

Documentation			
Bid Text		Instruction Leaflet	
855-8002	19.02.2019	xml 4.98 KB	↓
855-8002	20.02.2019	docx 17.11 KB	↓
		Potentialabgriffe	pdf 77.71 KB ↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Installation

1.1.1.1 Current transformer terminal block



Item No.: 2007-8876
Compact terminal block; for 3-phase current transformer circuit; 6,00 mm²; multicoloured



Item No.: 2007-8873
Compact terminal block; for current and voltage transformers; 6,00 mm²; multi-coloured



Item No.: 2007-8874
Compact terminal block; for current and voltage transformers; 6,00 mm²; multi-coloured



Item No.: 2007-8875
Compact terminal block; for current transformer circuit; 6,00 mm²; multicoloured



Item No.: 2007-8877
Compact terminal block; for current transformer circuit; 6,00 mm²; multicoloured



1.1.2 Signal conditioner

1.1.2.1 Power Measurement Module



Item No.: 2857-570/024-001
3-Phase Power Measurement Module;
3x277/480 V/1 A; Modbus RTU; Digital out-
put; Configuration via software; Supply volt-
age: 24 VDC



Item No.: 2857-570/024-005
3-Phase Power Measurement Module;
3x277/480 V/5 A; Modbus RTU; Digital out-
put; Configuration via software; Supply volt-
age: 24 VDC



Item No.: 2857-570/024-000
3-Phase Power Measurement Module;
3x277/480 V/RC; Modbus RTU; Digital out-
put; Configuration via software; Supply volt-
age: 24 VDC



Item No.: 857-569
Power signal conditioner; Current and volt-
age input signal; Current and voltage output
signal; Digital output; Configuration via soft-
ware; Supply voltage: 24 VDC; 6 mm module
width

1.1.2.2 Voltage signal conditioner



Item No.: 857-560
Voltage signal conditioner; Voltage input sig-
nal; Current and voltage output signal; Digital
output; Configuration via software; Supply
voltage: 24 VDC; 6 mm module width

Installation Notes

Installation



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