

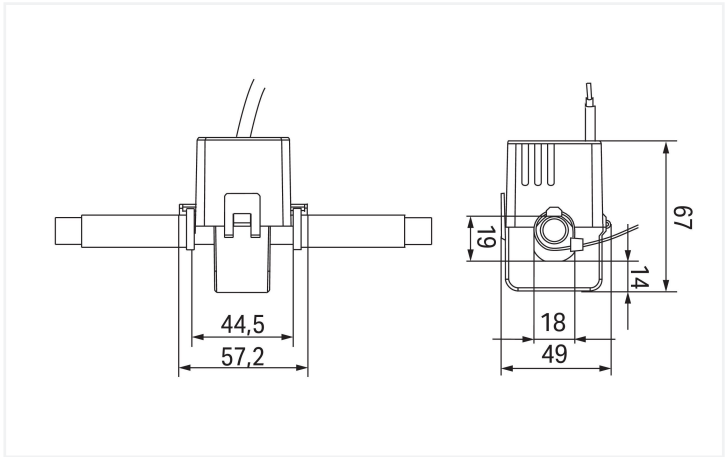
Data Sheet | Item Number: 855-4001/200-001

Split-core current transformer; Primary rated current: 200 A; Secondary rated current: 1 A; Rated power: 0.2 VA; Accuracy class: 0.5; Cable length: 3 m

<https://www.wago.com/855-4001/200-001>



Similar to illustration



Dimensions in mm

Short description:

WAGO's compact split-core current transformers are ideal for retrofitting existing systems. They are perfect for applications in which the current path must not be disrupted. The transformer's accuracy permits extremely precise current measurements. The split-core current transformers are capable of supplying the specified rated power at the end of the secondary cable. All transformers are supplied with color-coded cables. Two UV-resistant cable ties are also included for secure and easy mounting.

Features:

- Current ratios from 200 A (primary side) and 1 A (secondary side)
- No primary cable interruption
- Ideal for use in very confined spaces
- Rapid mounting
- For use around insulated cables up to 18 mm diameter
- Compact and hinged
- Color-coded connection cable (3 m)

Technical data			
Input		Input – current transformer	
Measured variable	Current	Rated continuous thermal current I_{cth}	100 %
		Rated short-time thermal current I_{th}	$60 \times I_N / 1 \text{ s}$
		Rated surge current I_{dyn}	$2.5 \times I_{th}$
		Rated frequency	50 ... 60 Hz
		Primary rated current	200 A
Output – current transformer		Measurement error	
Secondary rated current	1 A	Accuracy class	0.5
Rated power S_r	0.2 VA		



Safety and protection	
Protection type	IP20
Test voltage	3 kVAC; 50 Hz; 1 min
Highest voltage for equipment U _m	720 V _{rms} AC
Connection data	
Feedthrough for Measurement Conductor	Ø 18 mm
Cable type	2 x 0.5 mm²; fine-stranded
Color code	brown = S1; blue = S2
Physical data	
Cable length	3 m
Width	57.2 mm / 2.25 inches
Height	67 mm / 2.64 inches
Depth	49 mm / 1.93 inches
Mechanical data	
Mounting type	Split-core current transformer (suspended)
Material data	
Fire load	0 MJ
Weight	400 g
Environmental requirements	
Ambient temperature (operation)	-10 ... +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 61869-1 EN 61869-2
Commercial data	
eCl@ss 10.0	27-21-09-02
eCl@ss 9.0	27-21-09-02
ETIM 9.0	EC002048
ETIM 8.0	EC002048
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	NL
Customs tariff number	85043180888



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
EAC	TP TC 004/2011	EAC CoC 03082	EU-Declaration of Confor- mity	-	-
GZO Almaty Standart			WAGO GmbH & Co. KG		
			UK-Declaration of Confor- mity	-	-
			WAGO GmbH & Co. KG		

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance	↓
855-4001/200-001	

Documentation

Additional Information				Bid Text			
WAGO Interface Confi- guration Software SMALL	1.6.3.7 17.09.2019	exe 46878.36 KB	↓	855-4001/200-001	19.02.2019	xml 5.15 KB	↓
				855-4001/200-001	05.02.2015	doc 29.50 KB	↓

Instruction Leaflet			
Kabelumbau-Strom- wandler	V 1.1.0 15.01.2020	pdf 812.97 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models	↓
855-4001/200-001	



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; multicoloured



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



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 Current signal conditioner



Item No.: 857-551
Current signal conditioner; Current input signal; Current and voltage output signal; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width



Item No.: 857-550
Current signal conditioner; Current input signal; Current and voltage output signal; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width; 2,50 mm²

1.1.2.2 Power measurement module



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

Installation Notes

Installation



Simple termination!



Quick and easy mounting!

