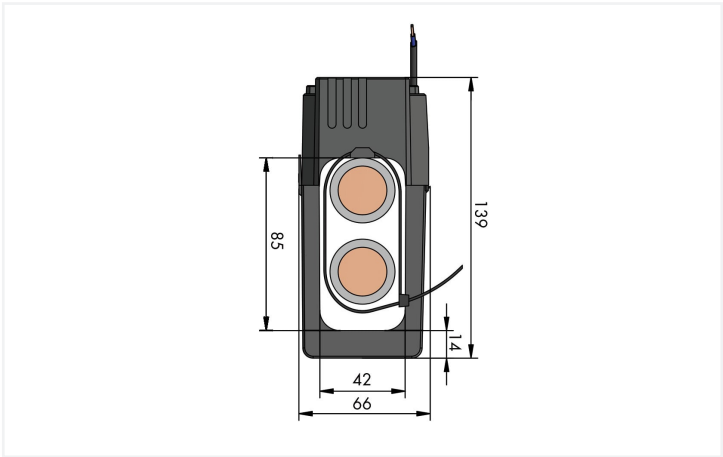


Similar to illustration



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 400 A (primary side) and 5 A (secondary side)
- No primary cable interruption
- Ideal for use in very confined spaces
- Rapid mounting
- For use around insulated cables (up to 42 mm Ø)
- 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 x I _N / 1 s
Rated surge current I _{dyn}			2.5 x I _{th}
Rated frequency			50 ... 60 Hz
Primary rated current		400 A	



Output – current transformer	
Secondary rated current	5 A
Rated power S _p	0.5 VA
Measurement error	
Accuracy class	1
Safety and protection	
Protection type	IP20
Test voltage	AC 3 kV; 50 Hz; 1 min
Highest voltage for equipment U _m	AC 720 V _{rms}
Connection data	
Feedthrough for measurement conductor	2 x Ø 42 mm
Cable type	2 x 1.5 mm ² ; fine-stranded
Color code	black = S1; red = S2
Physical data	
Cable length	3 m
Width	66.2 mm / 2.606 inches
Height	139 mm / 5.472 inches
Depth	66 mm / 2.6 inches
Mechanical data	
Mounting type	Split-core current transformer (suspended)
Material data	
Fire load	0 MJ
Weight	600 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	
ETIM 8.0	EC002048
ETIM 7.0	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

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 855-5105/400-001	↓

Documentation

Additional Information			
WAGO Interface Configuration Software SMALL	1.6.3.7 17.09.2019	exe 46878.36 KB	↓

Bid Text		
	xml 5.38 KB	↓
	docx 15.80 KB	↓

Instruction Leaflet			
Kabelumbau-Stromwandler	V 1.1.0 15.01.2020	pdf 812.97 KB	↓

Engineering-Software

Configuration and Commissioning Software			
WAGO Interface Configuration Software G2 FULL	1.00.10.01 20.01.2022	exe 112213.07 KB	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Signal conditioner

1.1.1.1 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

Installation Notes

Installation



Simple termination!



Quick and easy mounting!

