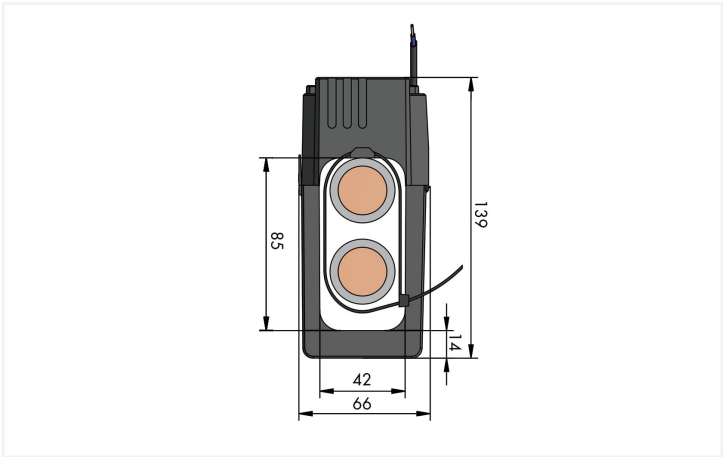


Similar to illustration



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 1 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 (5 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 frequency50 ... 60 Hz
		Primary rated current400 A

### Output – current transformer

Secondary rated current	1 A
Rated power $S_r$	0.5 VA

### Measurement error

Accuracy class	0.5
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### Safety and protection

Protection type	IP20
Test voltage	AC 3 kV; 50 Hz; 1 min
Highest voltage for equipment $U_m$	AC 720 V <sub>rms</sub>

### Connection data

Feedthrough for measurement conductor	2 x Ø 42 mm
Cable type	2 x 0.5 mm <sup>2</sup> ; fine-stranded
Color code	brown = S1; blue = S2

### Physical data

Cable length	5 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)
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### Material data

Fire load	0 MJ
Weight	790 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

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
EAC Brjansker Zertifizierungs- stelle	TP TC 004/2011,TP TC 020/2011	EAC RU C-DE.AM02. B.00111/19

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 855-5101/400-000	

Documentation

Additional Information			
WAGO Interface Confi- guration Software SMALL	1.6.3.7 17.09.2019	exe 46878.36 KB	

Bid Text		
	xml 5.37 KB	
	docx 15.79 KB	

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

Engineering-Software

Configuration and Commissioning Software			
WAGO Interface Confi- guration 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!

