

Data sheet | Item number: 855-4105/250-101

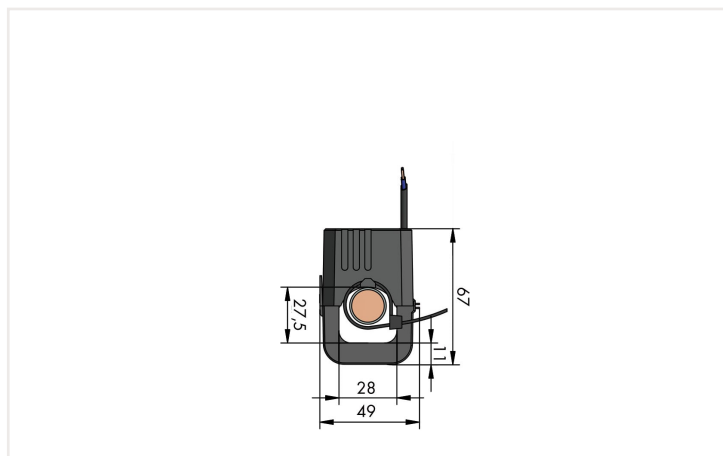
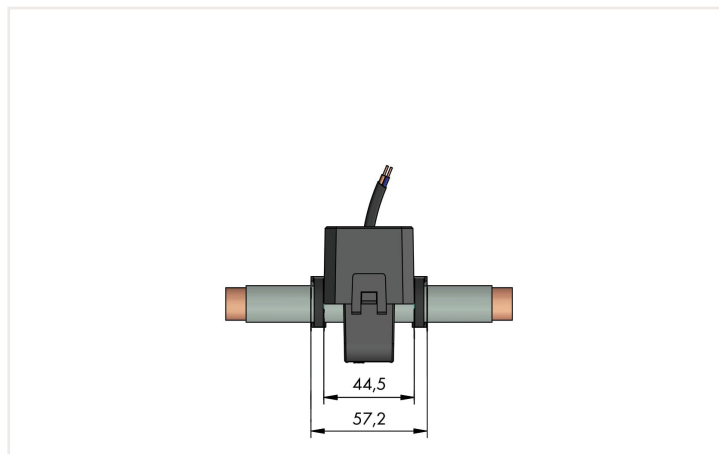
Split-core current transformer; Primary rated current: 250 A; Secondary rated current: 5 A; Rated power: 1 VA; Accuracy class: 1; Cable length: 0.5 m



<https://www.wago.com/855-4105/250-101>



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 250 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 28 mm diameter
- Compact and hinged
- Color-coded connection cable (0.5 m)

Technical data

Input Current Transformers

Primary rated current	250 A
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

Output – current transformer

Secondary rated current	5 A
Rated power S_r	1 VA

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com

Measurement Error

Accuracy class	1
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Safety and protection

Highest voltage for equipment U_m	AC 720 V _{rms}	Test voltage	
Protection type	IP20	Test voltage	AC 3 kV; 50 Hz; 1 min

Connection data

Feedthrough for measurement conductor	Ø 28 mm
Cable type	2 x 1.5 mm ² ; fine-stranded
Color code	black = S1; red = S2

Physical data

Cable length	0.5 m
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Mechanical Data

Mounting type	Split-core current transformer (suspended)
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Material Data

Flammability class per UL94	V2
Fire load	0 MJ
Weight	267 g

Environmental requirements

Ambient temperature (operation at U_N)	-10 ... 55 °C
Surrounding air 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

Product Group	29 (Interface Electronic (NET))
eCl@ss 10.0	27-21-09-02
eCl@ss 9.0	27-21-09-02
ETIM 8.0	EC002048
ETIM 7.0	EC002048
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	NL
GTIN	4055143056359
Customs tariff number	85043180888

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