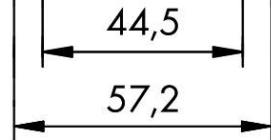
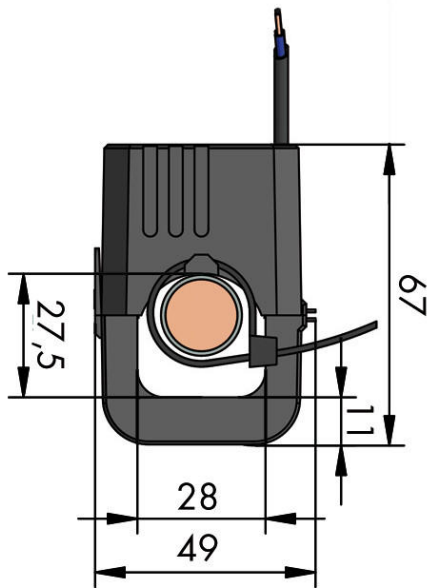


[www.wago.com/855-4101/250-001](http://www.wago.com/855-4101/250-001)





## Item description

### 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 60 A up to 1000 A (primary side) and 1 A or 5 A (secondary side)
- No measuring cable interruption
- Ideal for use in very confined spaces
- Rapid mounting
- For use around insulated cables up to 42 mm diameter
- Compact and hinged
- Color-coded connecting cables up to 5 m

## Data

### Technical Data

#### Input – current transformer

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	1 A
Rated power $S_r$	0.2 VA
Highest voltage for equipment $U_m$	720 V <sub>rms</sub> AC

#### Measurement error

Accuracy class	1
----------------	---

#### Safety and protection:

Test voltage	3 kV AC; 50Hz; 1min
Degree of protection	IP20

#### Connection data

Feedthrough for measurement conductor	Ø 28 mm
Type of cable	2 x 0.5 mm <sup>2</sup> , fine-stranded
Color coding	Brown = S1; blue = S2

#### Geometrical Data

Cable length	3 m
--------------	-----

#### Mechanical data

Type of mounting	Split-core current transformer
------------------	--------------------------------

#### Material Data

Insulation class	E
Flammability class per UL94	V2
Housing material	PA 66

Weight	340 g
--------	-------

## Environmental Requirements

Surrounding air (operating) temperature	-10 ... 55 °C
Surrounding air (storage) temperature	-20 ... 70 °C
Relative humidity	5 ... 85 % (no condensation)
Max. operating altitude	2000 m

## Standards and specifications







Conformity marking	CE
Standards/specifications	EN 61869-1; EN 61869-2

## Commercial data

Country of origin	NL
GTIN	4050821880615
Customs Tariff No.	85043180888

## Compatible products

### General accessories

	<b>Item no.: 2007-8873</b> Compact terminal block; for current and voltage transformers	<a href="http://www.wago.com/2007-8873">www.wago.com/2007-8873</a>
	<b>Item no.: 2007-8874</b> Compact terminal block; for current and voltage transformers	<a href="http://www.wago.com/2007-8874">www.wago.com/2007-8874</a>
	<b>Item no.: 2007-8875</b> Compact terminal block; for current transformer circuit	<a href="http://www.wago.com/2007-8875">www.wago.com/2007-8875</a>
	<b>Item no.: 2007-8876</b> Compact terminal block; for 3-phase current transformer circuit	<a href="http://www.wago.com/2007-8876">www.wago.com/2007-8876</a>
	<b>Item no.: 2007-8877</b> Compact terminal block; for current transformer circuit	<a href="http://www.wago.com/2007-8877">www.wago.com/2007-8877</a>
	<b>Item no.: 857-550</b> Current signal conditioner; Current input signal; Current and voltage output signal; Digital output; Configuration via software; Supply voltage: 24 VDC; 6 mm module width	<a href="http://www.wago.com/857-550">www.wago.com/857-550</a>

## Downloads

### Documentation

#### Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	Download 265.8 kB
--	--------------	----------------------



## Engineering-Software

### Software for Interface-Products

Interface Configuration Software FULL	1.5.4.6	EXE	Download
The full setup, in addition to the WAGO Interface Configuration Software, includes the installation for the Microsoft .NET Framework.	Jan 8, 2018	96.5 MB	
Interface Configuration Software SMALL	1.5.4.6	EXE	Download
The full setup only includes the WAGO Interface Configuration Software.	Jan 8, 2018	46.0 MB	

Subject to changes.

WAGO Kontakttechnik GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.