

**Short description:**

WAGO's compact split-core current transformers are ideal for retrofit applications in existing systems. They are particularly suited for applications in which the current path may not be disrupted. The transformer's accuracy permits extremely precise current measurements. The split-core 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 for reliable and easy mounting are also included.

Features:

- Current ratios from 60 A up to 1000 A (primary side) and 1 A or 5 A (secondary side)
- No interruption of the measuring cable
- Ideal for use in very confined spaces
- Superfast mounting
- For use around insulated cables up to \varnothing 42 mm
- Compact and hinged
- Color-coded connecting cables up to 5 m

Technical Data**Input:**

Rated continuous thermal current I_{cth}	100 %
Rated short-time thermal current I_{th}	$60 \times I_{pr} / 1 \text{ s}$
Rated surge current I_{dyn}	$2.5 \times I_{th}$
Rated frequency f_R	50 Hz ... 60 Hz
Max. operating voltage V_m	0.72/3/- kV

Connection:

Conductor size	0.5 mm ² , fine-stranded (855-xxx1/...)
	1.5 mm ² , fine-stranded (855-xxx5/...)
Conductor identification	brown = S1, blue = S2 (855-xxx1/...)
	black = S1, red = S2 (855-xxx5/...)

Technical Data**Environmental Requirements:**

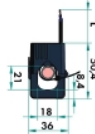
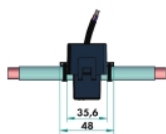
Ambient operating temperature	-10 °C ... +55 °C
	-10 °C ... +40 °C (855-5xxx/1000-000)
Storage temperature	-20 °C ... +70 °C
Relative humidity	5 % ... 85 % (non-condensing)
Max. operating altitude	2000 m

Safety and protection:

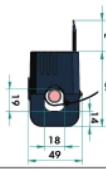
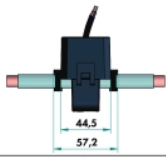
Degree of protection	IP20
Insulation class	E (120 °C)
Housing material	PA 6.6
Flammability rating	V2 (UL94)

Standards and approvals:

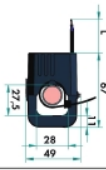
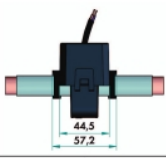
Conformity marking	CE
Standards/Specifications	EN 61869-2:2012



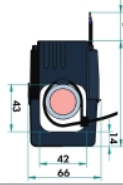
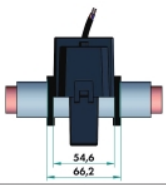
Power cable feed-through	Primary rated current	Secondary rated current	Rated power	Accuracy class	Cable length	Item No.	Pack. Unit
Ø 18 mm	60 A	1 A	0.2VA	3	3 m	855-3001/060-003	1
	100 A	1 A	0.2VA	3	3 m	855-3001/100-003	1
	200 A	1 A	0.2VA	1	3 m	855-3001/200-001	1
	250 A	1 A	0.2VA	1	3 m	855-3001/250-001	1



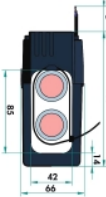
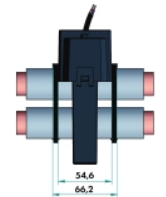
Power cable feed-through	Primary rated current	Secondary rated current	Rated power	Accuracy class	Cable length	Item No.	Pack. Unit
Ø 18 mm	100 A	1 A	0.2VA	1	3 m	855-4001/100-001	1
	150 A	1 A	0.2VA	1	3 m	855-4001/150-001	1
	150 A	5 A	1VA	1	0.5 m	855-4005/150-101	1
	200 A	1 A	0.2VA	0.5	3 m	855-4001/200-001	1



Power cable feed-through	Primary rated current	Secondary rated current	Rated power	Accuracy class	Cable length	Item No.	Pack. Unit
Ø 28 mm	200 A	1 A	0.2VA	1	3 m	855-4101/200-001	1
	250 A	1 A	0.2VA	1	3 m	855-4101/250-001	1
	250 A	5 A	1VA	1	0.5 m	855-4105/250-101	1
	400 A	1 A	0.2VA	1	3 m	855-4101/400-001	1
	400 A	5 A	1VA	1	0.5 m	855-4105/400-101	1



Power cable feed-through	Primary rated current	Secondary rated current	Rated power	Accuracy class	Cable length	Item No.	Pack. Unit
Ø 42 mm	400 A	1 A	0.5VA	0.5	5 m	855-5001/400-000	1
	400 A	5 A	0.5VA	1	3 m	855-5005/400-001	1
	600 A	1 A	0.5VA	0.5	5 m	855-5001/600-000	1
	600 A	5 A	0.5VA	0.5	3 m	855-5005/600-000	1
	1000 A	1 A	0.5VA	0.5	5 m	855-5001/1000-000	1
	1000 A	5 A	0.5VA	0.5	3 m	855-5005/1000-000	1



Power cable feed-through	Primary rated current	Secondary rated current	Rated power	Accuracy class	Cable length	Item No.	Pack. Unit
Ø Ø 42 mm x 48	1000 A	1 A	0.5VA	0.5	5 m	855-5101/1000-000	1
	1000 A	5 A	0.5VA	0.5	3 m	855-5105/1000-000	1