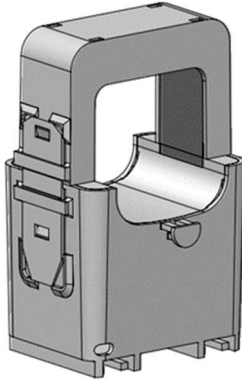


SPLIT CORE CURRENT TRANSFORMER

RSC 42

PATENTED*, LONG LASTING



- Exchangeable hinge
- Compact
- Simple installation
- Suitable for cable diameters up to 42 mm
- Non-halogen cable

GENERAL MECHANICAL FEATURES

The new REDUR split core current transformer is equipped with a robust and multifunctional polyamide enclosure difficult to inflame (acc. to UL 94 V2) with different fixing possibilities.

Our patented Click-off hinge* can completely be removed which allows to take off the top part of the current transformer completely. This facilitates the mounting even under difficult and tight installation conditions.

Due to our sophisticated spring system a constant contact pressure of the core halves will always be provided. This guarantees long-term stable measuring values.

Mounting feet and snap-on mounting brackets for rail TS 35 (DIN EN 60715) can be supplied optionally.

I_{sr}	Cl.	RATED PRIMARY CURRENT I_{pr}					A
		400	500	600	750	800	
5 A	3	3,75	3,75	5	5	5	VA
	1	2,5	2,5	3,75	5	5	
	0,5				upon request	upon request	
1 A	3	5	5	5	7,5	7,5	VA
	1	3,75	3,75	5	5	5	
	0,5				upon request	upon request	

- 1,5 m non-halogen cable 2 x 1,5 mm² for 5 A
- 3 m non-halogen cable 2 x 0,5 mm² for 1 A
- Accuracy and burden measured at the cable end

Other ratios, burdens and accuracies upon request

* Patent pending

ACCESSORIES (INCLUDED IN THE SCOPE OF SUPPLY):

- Cable tie

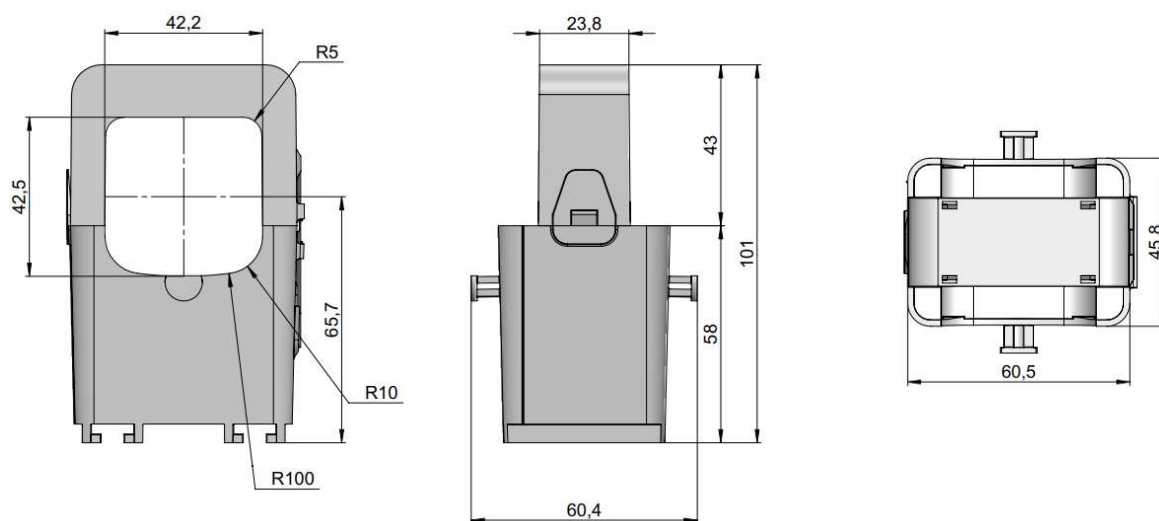
OPTIONAL ACCESSORIES:

- Mounting feet for panel mounting
- Snap-on mounting brackets for rail TS 35 (DIN EN 60715)
- Replacement hinge
- Enclosure acc. to UL 94 V0 (difficult to inflame and self-extinguishing)

GENERAL ELECTRICAL FEATURES:

Highest voltage for equipment U_m	0,72 kV
Rated power frequency withstand voltage	3 kV / 1 min
Frequency	50 / 60 Hz
Rated continuous thermal current I_{cth}	$1,2 \times I_{pr}$
Instrument security factor	FS5 ... FS15
Rated short-time thermal current I_{th}	$60 \times I_{pr}$ for 1 s
Rated dynamic current I_{dyn}	$2,5 \times I_{th}$
Service conditions	Indoor application
Ambient temperature	$-40^\circ\text{C} \dots +60^\circ\text{C}$
Temperature rise class	H
Normative standards	IEC 61869 Part 1 + 2

DESIGN AND MEASURES:



Front view

Side view

Top view