

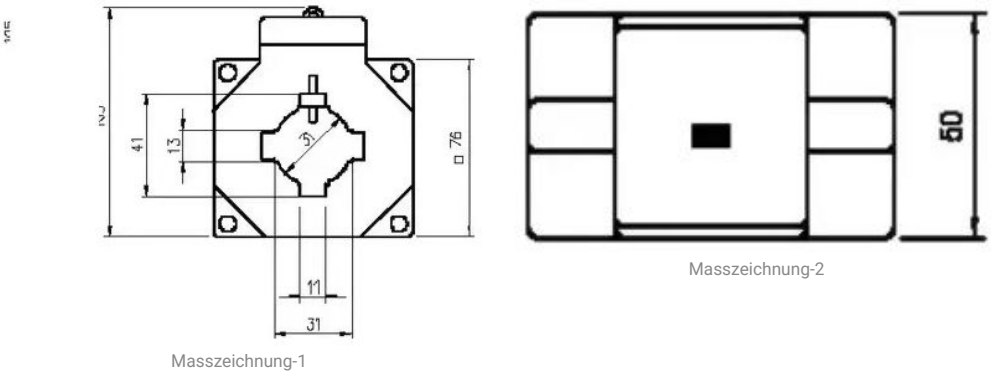


Article features

- This protective current transformer is used for system protection in conjunction with the appropriate switching devices
- Available in numerous protection classes
- Sealable secondary terminal covers made of clear polycarbonate
- Double secondary terminals on all versions for short-circuiting the secondary windings before opening the secondary circuit

Technical data	
Round conductor	Ø 30 mm
Primary rail	40 x 10 mm
Dimensions (W x H x D)	76 x 105 x 50 mm
Rated current	200, 250, 300, 400, 500, 600, 750, 150, 800, 1000 A
Instrument security factor	FS 5

Drawings and views



Types											
Output	Cl.	Rated current A									
		150	200	250	300	400	500	600	750	800	1000
1 A	5P5	2.5 VA 70030-2703	2.5 VA 70030-2704	1.25 VA 70030-2705	1.25 VA 70030-2706	2.5 VA 70030-2707	2.5 VA 70030-2708	2.5 VA 70030-2709	3.75 VA 70030-2710	–	–
	5P10	–	1.25 VA 70030-2701	–	–	–	–	–	–	–	–
	10P5	2.5 VA 70030-2711	2.5 VA 70030-2712	1.25 VA 70030-2713	1.25 VA 70030-2714	2.5 VA 70030-2715	3.75 VA 70030-2716	3.75 VA 70030-2717	5 VA 70030-2718	1.25 VA 70030-2719	1.25 VA 70030-2720
	10P10	–	1.25 VA 70030-2702	–	–	–	–	–	–	–	–
5 A	5P5	2.5 VA 70097-3628	2.5 VA 70030-2684	1.25 VA 70030-2685	1.25 VA 70030-2686	2.5 VA 70030-2687	2.5 VA 70030-2688	2.5 VA 70030-2689	3.75 VA 70030-2690	–	–
	5P10	–	1.25 VA 70097-4036	–	–	–	–	–	–	–	–
	10P5	2.5 VA 70030-2691	2.5 VA 70030-2692	1.25 VA 70030-2693	1.25 VA 70030-2694	2.5 VA 70030-2695	3.75 VA 70030-2696	3.75 VA 70030-2697	5 VA 70030-2698	1.25 VA 70030-2699	1.25 VA 70030-2700
	10P10	–	1.25 VA 70030-2683	–	–	–	–	–	–	–	–

Conditions of use	
Secondary current	5 A oder 1 A
Nominal frequency	50 - 60 Hz
max. permissible operating voltage	720 V
Test voltage	3 kV / 1 min
Thermal rated continuous current	Icth = 1,2 x Ipr
Thermal rated short-time withstand current	Ith = 60 x Ipr
Rated impulse current	Idyn = 2,5 x Ith
Overcurrent rating (FS)	n < 5
Insulation class	E / F / H
Normative standards	IEC 61869 Teil 1 + 2 / DIN EN 42600
Housing	Gehäuse aus selbstverlöschendem PA66 V0 nach UL 94

Environmental conditions	
Installation location	Indoor use
Ambient temperature (operation)	-40°C ... +60°C
Ambient temperature (storage / transport)	-40°C ... +60°C
Altitude	up to 1000 m

Special designs on request:

- any primary and secondary rated currents
- operating voltage series 1 (1,2kV)
- Cast resin grouting