

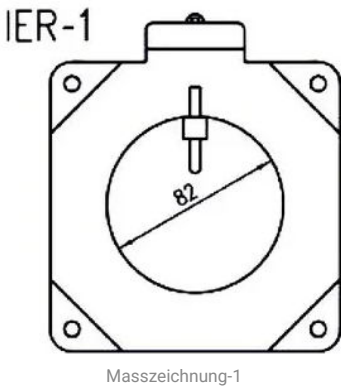


Article features

- 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 80 mm
Dimensions (W × H × D)	133 × 155 × 46 mm
Rated current	300, 500, 600, 750, 800, 1000, 1200, 1500, 1600, 250, 400, 2000 A
Instrument security factor	FS 5

Drawings and views



Types													
Output	Cl.	Rated current A											
		250	300	400	500	600	750	800	1000	1200	1500	1600	2000
1 A	5P5	2.5 VA 70030-3703	3.75 VA 70030-3704	5 VA 70030-3705	7.5 VA 70030-3706	5 VA 70030-3707	7.5 VA 70030-3708	7.5 VA 70030-3709	10 VA 70030-3710	10 VA 70030-3711	15 VA 70030-3712	15 VA 70030-3713	20 VA 70030-3714
	5P10	–	1.25 VA 70030-3682	1.25 VA 70097-3985	2.5 VA 70030-3683	1.25 VA 70030-3684	2.5 VA 70030-3685	1.25 VA 70030-3686	2.5 VA 70030-3687	2.5 VA 70030-3688	5 VA 70030-3689	5 VA 70030-3690	5 VA 70097-4218
	10P5	2.5 VA 70030-3715	3.75 VA 70030-3716	5 VA 70030-3717	7.5 VA 70030-3718	5 VA 70030-3719	7.5 VA 70030-3720	7.5 VA 70030-3721	10 VA 70030-3722	10 VA 70030-3723	15 VA 70030-3724	15 VA 70030-3725	20 VA 70030-3726
	10P10	1.25 VA 70030-3691	1.25 VA 70030-3692	1.25 VA 70030-3693	2.5 VA 70030-3694	1.25 VA 70030-3695	2.5 VA 70030-3696	1.25 VA 70030-3697	2.5 VA 70030-3698	3.75 VA 70030-3699	5 VA 70030-3700	5 VA 70030-3701	5 VA 70030-3702
5 A	5P5	2.5 VA 70030-3749	3.75 VA 70030-3750	5 VA 70030-3751	7.5 VA 70030-3752	5 VA 70030-3753	7.5 VA 70030-3754	7.5 VA 70030-3755	10 VA 70030-3756	10 VA 70030-3757	15 VA 70030-3758	15 VA 70030-3759	20 VA 70030-3760
	5P10	–	1.25 VA 70030-3727	1.25 VA 70030-3728	2.5 VA 70030-3729	1.25 VA 70097-3426	2.5 VA 70030-3730	1.25 VA 70030-3731	2.5 VA 70030-3732	2.5 VA 70030-3733	5 VA 70030-3734	5 VA 70030-3735	5 VA 70030-3736
	10P5	2.5 VA 70030-3761	3.75 VA 70030-3762	5 VA 70030-3763	7.5 VA 70097-4061	5 VA 70030-3764	7.5 VA 70097-4062	7.5 VA 70030-3765	10 VA 70030-3766	10 VA 70030-3767	15 VA 70030-3768	15 VA 70030-3769	20 VA 70030-3770
	10P10	1.25 VA 70030-3737	1.25 VA 70030-3738	1.25 VA 70030-3739	2.5 VA 70030-3740	1.25 VA 70030-3741	2.5 VA 70030-3742	1.25 VA 70030-3743	2.5 VA 70030-3744	3.75 VA 70030-3745	5 VA 70030-3746	5 VA 70030-3747	5 VA 70030-3748

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