

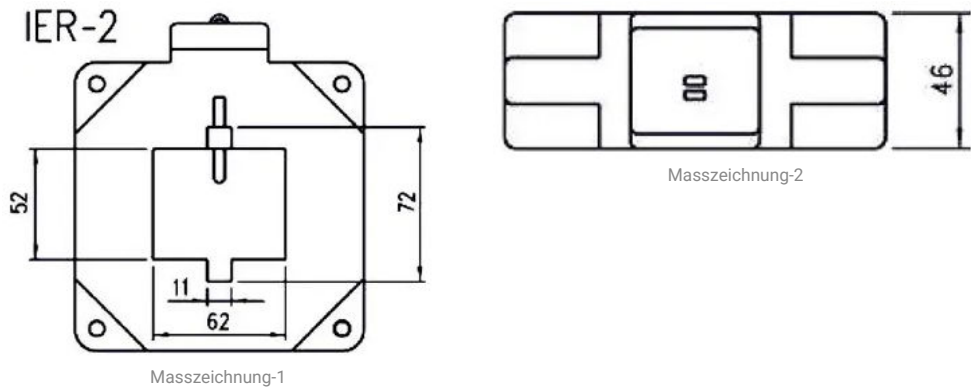


Article features

- 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 50 mm
Primary rail	30 x 15 mm, 60 x 12 mm, 3 x 60 x 10 mm, 4 x 50 x 10 mm
Dimensions (W x H x D)	133 x 155 x 46 mm
Rated current	300, 400, 500, 600, 750, 800, 1000, 1200, 1500, 1600, 2000, 250 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 70030-3790	3.75 VA 70030-3791	5 VA 70030-3792	7.5 VA 70030-3793	5 VA 70030-3794	7.5 VA 70030-3795	7.5 VA 70030-3796	10 VA 70030-3797	10 VA 70030-3798	15 VA 70030-3799	15 VA 70030-3800	20 VA 70030-3801
	5P10	—	1.25 VA 70030-3771	1.25 VA 70030-3772	2.5 VA 70030-3773	1.25 VA 70030-3774	2.5 VA 70030-3775	1.25 VA 70030-3776	2.5 VA 70030-3777	2.5 VA 70030-3778	5 VA 70030-3779	5 VA 70030-3780	5 VA 70030-3781
	10P5	2.5 VA 70030-3802	3.75 VA 70030-3803	5 VA 70030-3804	7.5 VA 70030-3805	5 VA 70030-3806	7.5 VA 70030-3807	7.5 VA 70030-3808	10 VA 70030-3809	10 VA 70030-3810	15 VA 70030-3811	15 VA 70030-3812	20 VA 70030-3813
	10P10	1.25 VA 70030-3782	1.25 VA 70097-8015	1.25 VA 70030-3783	2.5 VA 70030-3784	1.25 VA 70097-8019 5 VA 70097-8019-0500	2.5 VA 70030-3785	1.25 VA 70097-8021 5 VA 70097-8021-0500	2.5 VA 70097-8022 5 VA 70097-8022-0500	3.75 VA 70030-3786	5 VA 70030-3787	5 VA 70030-3788	5 VA 70030-3789
5 A	5P5	2.5 VA 70030-3837	3.75 VA 70030-3838	5 VA 70030-3839	7.5 VA 70030-3840	5 VA 70030-3841	7.5 VA 70030-3842	7.5 VA 70030-3843	10 VA 70030-3844	10 VA 70030-3845	15 VA 70030-3846	15 VA 70030-3847	20 VA 70030-3848
	5P10	—	1.25 VA 70030-3814	1.25 VA 70030-3815	2.5 VA 70030-3816	1.25 VA 70030-3817	2.5 VA 70030-3818	1.25 VA 70030-3819	2.5 VA 70030-3820	2.5 VA 70030-3821	5 VA 70030-3822	5 VA 70030-3823	5 VA 70030-3824
	10P5	2.5 VA 70030-3849	3.75 VA 70030-3850	5 VA 70030-3851	7.5 VA 70030-3852	5 VA 70030-3853	7.5 VA 70030-3854	7.5 VA 70030-3855	10 VA 70030-3856	10 VA 70030-3857	15 VA 70030-3858	15 VA 70030-3859	20 VA 70030-3860
	10P10	1.25 VA 70030-3825	1.25 VA 70030-3826	1.25 VA 70030-3827	2.5 VA 70030-3828	1.25 VA 70030-3829	2.5 VA 70030-3830	1.25 VA 70030-3831	2.5 VA 70030-3832	3.75 VA 70030-3833	5 VA 70030-3834	5 VA 70030-3835	5 VA 70030-3836

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