

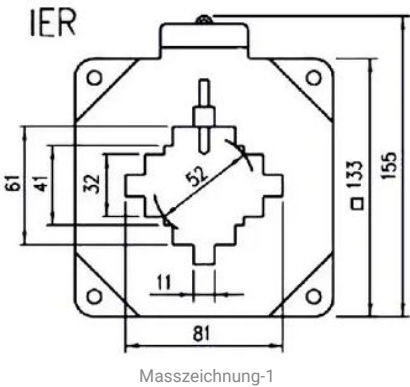


Article features

- 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, 80 x 10 mm, 2 x 60 x 10 mm, 4 x 30 x 10 mm
Dimensions (W x H x D)	133 x 155 x 46 mm
Rated current	300, 750, 800, 1000, 1200, 1500, 1600, 2000, 250, 400, 500, 600 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 70030-3617	3.75 VA 70030-3618	5 VA 70030-3619	7.5 VA 70030-3620	5 VA 70030-3621	7.5 VA 70030-3622	7.5 VA 70030-3623	10 VA 70030-3624	10 VA 70030-3625	15 VA 70030-3626	15 VA 70030-3627	20 VA 70030-3628
	5P10	–	1.25 VA 70030-3598	1.25 VA 70097-3960	2.5 VA 70097-3954	1.25 VA 70097-3933	2.5 VA 70030-3599	1.25 VA 70030-3600	2.5 VA 70030-3601	2.5 VA 70030-3602	5 VA 70030-3603	5 VA 70030-3604	5 VA 70030-3605
	10P5	2.5 VA 70030-3629	3.75 VA 70030-3630	5 VA 70030-3631	7.5 VA 70030-3632	5 VA 70030-3633	7.5 VA 70030-3634	7.5 VA 70030-3635	10 VA 70030-3636	10 VA 70030-3637	15 VA 70030-3638	15 VA 70030-3639	20 VA 70030-3640
	10P10	1.25 VA 70030-3606	1.25 VA 70030-3607	1.25 VA 70030-3608	2.5 VA 70030-3609	1.25 VA 70097-4024	2.5 VA 70030-3610	1.25 VA 70030-3611	2.5 VA 70030-3612	3.75 VA 70030-3613	5 VA 70030-3614	5 VA 70030-3615	5 VA 70030-3616
5 A	5P5	2.5 VA 70030-3658	3.75 VA 70030-3659	5 VA 70030-3660	7.5 VA 70030-3661	5 VA 70030-3662	7.5 VA 70030-3663	7.5 VA 70030-3664	10 VA 70030-3665	10 VA 70030-3666	15 VA 70030-3667	15 VA 70030-3668	20 VA 70030-3669
	5P10	–	1.25 VA 70030-3641	1.25 VA 70097-3925	2.5 VA 70097-3948	1.25 VA 70097-4209	2.5 VA 70030-3642	1.25 VA 70097-3869	2.5 VA 70097-4208	2.5 VA 70030-3643	5 VA 70030-3644	5 VA 70030-3645	5 VA 70030-3646
	10P5	2.5 VA 70030-3670	3.75 VA 70030-3671	5 VA 70030-3672	7.5 VA 70030-3673	5 VA 70030-3674	7.5 VA 70030-3675	7.5 VA 70030-3676	10 VA 70030-3677	10 VA 70030-3678	15 VA 70030-3679	15 VA 70030-3680	20 VA 70030-3681
	10P10	1.25 VA 70030-3647	1.25 VA 70030-3648	1.25 VA 70030-3649	2.5 VA 70030-3650	1.25 VA 70030-3651	2.5 VA 70030-3652	1.25 VA 70030-3653	2.5 VA 70030-3654	3.75 VA 70030-3655	5 VA 70097-3980	5 VA 70030-3656	5 VA 70030-3657

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	I _{cth} = 1,2 x I _{pr}
Thermal rated short-time withstand current	I _{th} = 60 x I _{pr}
Rated impulse current	I _{dyn} = 2,5 x I _{th}
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