IAG

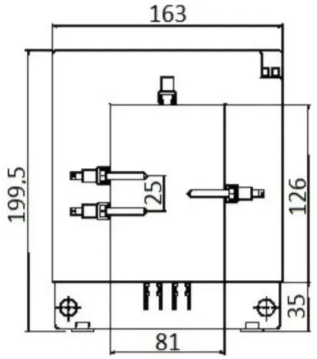


Article features

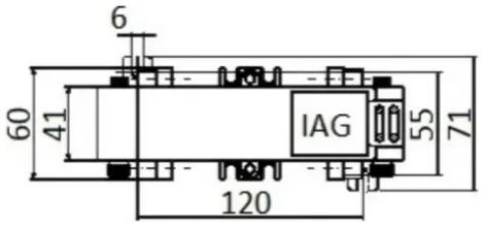
- Transformer core can be easily divided
- excellent for retrofitting, as the primary circuit does not have to be interrupted
- simple and secure attachment to busbar - audible latching of current transformer
- well fixable by some clamping screws

Technical data	
Round conductor	Ø 80 mm
Primary rail	30 x 15 mm, 80 x 12 mm, 120 x 10 mm, 4 x 120 x 10 mm
Dimensions (W × H × D)	163 × 200 × 41 mm
Design	Split-core busbar current transformer
Secondary connection	Screw terminal
Touch protection	yes
Packaging (W × H × D)	168 × 205 × 46 mm
Rated current	600, 750, 800, 1000, 1200, 1500, 1600, 2000, 2500, 3000, 4000, 500 A
Instrument security factor	FS 5

Drawings and views



Dimensional drawing 1



Dimensional drawing 2

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Types

Output	Cl.	Rated current A										
		500	600	750	800	1000	1200	1500	1600	2000	2500	3000
1 A	0.5	–	1.25 VA 70097-3159	1.25 VA 70097-3298	2.5 VA 70097-3299	5 VA 70097-3158	7.5 VA 70097-3300	10 VA 70097-3301	15 VA 70097-3302	15 VA 70097-1865	20 VA 70097-3303	20 VA 70097-1868
	1	2.5 VA 70097-3297	5 VA 70030-4459	10 VA 70030-4460	10 VA 70030-4461	15 VA 70030-4462	20 VA 70030-4463	30 VA 70030-4464	45 VA 70030-4465	60 VA 70030-4466	60 VA 70030-4467	60 VA 70030-4468
5 A	0.5	–	1.25 VA 70097-1870	1.25 VA 70097-3294	2.5 VA 70097-3690	5 VA 70097-1863	7.5 VA 70097-3295	10 VA 70097-1864	15 VA 70097-3296	15 VA 70097-1866	20 VA 70097-1867	20 VA 70097-1869
	1	2.5 VA 70097-3293	5 VA 70030-4480	10 VA 70030-4481	10 VA 70030-4482	15 VA 70030-4483	20 VA 70030-4484	30 VA 70030-4485	45 VA 70030-4486	60 VA 70030-4487	60 VA 70030-4488	60 VA 70030-4489

Conditions of use

Secondary current	5A / 1A / 333mV
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