

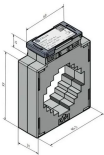


Article features

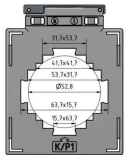
- This calibrated current transformer is suitable for billing purposes
- The design is approved by the Physikalisch Technische Bundesanstalt (PTB) Braunschweig
- This clip-on current transformer is mostly used for new installations, as the circuit must be interrupted here.
- Short-circuiting of the current transformer when the secondary terminal cover is open.
- More economical cable routing and lower power loss due to elimination of the transformer disconnect terminal.
- Easy handling facilitated by a rotatable and sealable secondary terminal cover.
- Suitable for both floor and side mounting.
- Most cost-effective and most common variant
- Simply plug the transformer onto the primary conductor (no need for complex wiring)
- Currently the most compact design on the market, thus wonderfully suitable for the control cabinet
- Other areas of application are machine and plant construction.

Technical data	
Round conductor	Ø 53 mm
Primary rail	30 x 15 mm, 60 x 12 mm, 2 x 50 x 10 mm, 3 x 40 x 10 mm, 4 x 30 x 10 mm
Dimensions (W x H x D)	86 x 110 x 31 mm
Design	Calibrated plug-on current transformer
Secondary connection	Screw terminal
Touch protection	yes
Packaging (W x H x D)	90 x 121 x 32 mm
Rated current	250, 300, 400, 500, 600, 750, 800, 1000, 1250 A
Instrument security factor	FS 5

Drawings and views



Dimensional drawing 1



Dimensional drawing 2



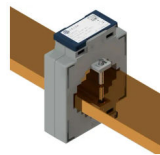
Rotary cover



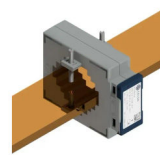
With plug-in feet



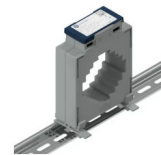
With plug-in feet, side view



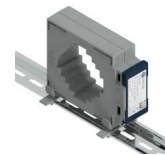
With busbar



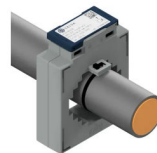
With busbar, side view



With snap-on mounting



With snap-on mounting,
side view



With power cable

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	$I_{cth} = 1,2 \times I_{pr}$
Thermal rated short-time withstand current	$I_{th} = 60 \times I_{pr}$
Rated impulse current	$I_{dyn} = 2,5 \times I_{th}$
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

Scope of delivery
• Primary conductor fastening 16 • Grub screw M5 × 30 mm for primary busbar fastening • Plug-in foot ALO/WALO

Special designs on request:

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

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

Accessories
• DIN rail adapter