

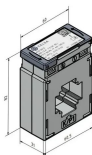


Article features

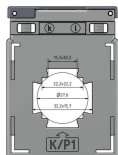
- This calibrated current transformer is suitable for billing purposes
- The design is approved by the Physikalisch Technische Bundesanstalt (PTB) Braunschweig
- This clip-on current transformer is mostly used for new installations, as the circuit must be interrupted here.
- Short-circuiting of the current 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 28 mm
Primary rail	30 x 15 mm
Dimensions (W x H x D)	60 x 82 x 31 mm
Design	Calibrated plug-on current transformer
Secondary connection	Screw terminal
Touch protection	yes
Packaging (W x H x D)	64 x 93 x 32 mm
Rated current	150, 200, 250, 300, 400, 500, 600, 750, 100, 125 A
Instrument security factor	FS 5

Drawings and views



Masszeichnung-1



Masszeichnung-2



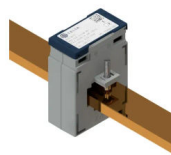
Drehdeckel



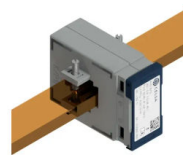
Mit Steckfuesen



Mit Steckfuesse seitlich



Mit Schiene



Mit Schiene seitlich



Mit Schnappbefestigungen



Mit Schnappbefestigung
seitlich



Mit Stromkabel

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

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 • Cu sleeve for AST315 (...da=28mm, di=12,5mm)