



Article features

- 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
Instrument security factor	FS 5

Types (151)

Output	Cl.	Rated current A						
		50	60	75	80	100	125	150
1 A	0.5	–	–	–	–	1 VA 70142-0158-0100	1 VA 70142-0161-0100 1.25 VA 70142-0161-0125	1.25 VA 70142-0165-0125 1.5 VA 70142-0167-0150 2 VA 70142-0169-0200 2.5 VA 70142-0171-0250
	1	–	1 VA 70142-0959-0100	1.25 VA 70142-0154-0125 1.5 VA 70142-0154-0150	1.25 VA 70142-0156-0125 1.5 VA 70142-0156-0150	1.25 VA 70142-0159-0125 1.5 VA 70142-0159-0150 2 VA 70142-0159-0200 2.5 VA 70142-0159-0250	1.5 VA 70142-0162-0150 2 VA 70142-0162-0200 2.5 VA 70142-0162-0250 3.75 VA 70142-0162-0375	1.5 VA 70142-0172-0150 2.5 VA 70142-0172-0250 3.75 VA 70142-0172-0375
	3	1 VA 70142-0151-0100 1.25 VA 70142-0151-0125	1.25 VA 70142-0960-0100 1.25 VA 70142-0960-0125	–	–	–	–	–
5 A	0.5	–	–	–	–	–	–	1.25 VA 70142-0174-0125 1.5 VA 70142-0174-0150
	1	–	–	1 VA 70142-0155-0100 1.25 VA 70142-0155-0125	1 VA 70142-0157-0100 1.25 VA 70142-0157-0125	1.25 VA 70142-0160-0125 1.5 VA 70142-0160-0150 2 VA 70142-0160-0200 2.5 VA 70142-0160-0250	1.5 VA 70142-0163-0150 2 VA 70142-0163-0200 2.5 VA 70142-0163-0250 3.75 VA 70142-0163-0375	1.5 VA 70142-0176-0150 2 VA 70142-0176-0200 2.5 VA 70142-0176-0250 3.75 VA 70142-0176-0375
	3	1 VA 70142-0152-0100 1.25 VA 70142-0152-0125	1 VA 70142-0153-0100 1.25 VA 70142-0153-0125	–	–	–	–	–
333 mV	0.5	–	–	–	–	70142-0158-0333	70142-0161-0333	70142-0165-0333
	1	–	70142-0959-0333	70142-0154-0333	70142-0156-0333	–	–	–

