



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	∅ 27 mm
Primary rail	30 x 10 mm
Dimensions (W x H x D)	76 x 103 x 50 mm
Instrument security factor	FS 5

Types (86)

Output	Cl.	Rated current A						
		50	60	75	80	100	125	150
1 A	0.5	1 VA 70142-0987-0100	1 VA 70142-0989-0100	1 VA 70142-0991-0100	1 VA 70142-0993-0100	1 VA 70142-0995-0100	1 VA 70142-0997-0100	1.5 VA 70142-0999-0150
		1.5 VA 70142-0987-0150	1.5 VA 70142-0989-0150	1.5 VA 70142-0991-0150	1.5 VA 70142-0993-0150	1.5 VA 70142-0995-0150	1.5 VA 70142-0997-0150	2.5 VA 70142-0999-0250
		2 VA 70142-0987-0200	2 VA 70142-0989-0200	2 VA 70142-0991-0200	2 VA 70142-0993-0200	2.5 VA 70142-0995-0250	2.5 VA 70142-0997-0250	5 VA 70142-0999-0500
		2.5 VA 70142-0987-0250	2.5 VA 70142-0989-0250	2.5 VA 70142-0991-0250	2.5 VA 70142-0993-0250	5 VA 70142-0995-0500	5 VA 70142-0997-0500	10 VA 70142-0999-1000
5 A	0.5	1 VA 70142-0988-0100	1 VA 70142-0990-0100	1 VA 70142-0992-0100	1 VA 70142-0994-0100	1 VA 70142-0996-0100	1 VA 70142-0998-0100	1.5 VA 70142-1000-0150
			1.5 VA 70142-0990-0150	1.5 VA 70142-0992-0150	1.5 VA 70142-0994-0150	1.5 VA 70142-0996-0150	1.5 VA 70142-0998-0150	2.5 VA 70142-1000-0250
			2 VA 70142-0990-0200	2 VA 70142-0992-0200	2 VA 70142-0994-0200	2.5 VA 70142-0996-0250	2.5 VA 70142-0998-0250	5 VA 70142-1000-0500
			2.5 VA 70142-0990-0250	2.5 VA 70142-0992-0250	2.5 VA 70142-0994-0250	5 VA 70142-0996-0500	5 VA 70142-0998-0500	10 VA 70142-1000-1000
333 mV	0.5	70142-0987-0333	70142-0989-0333	70142-0991-0333	70142-0993-0333	70142-0995-0333	70142-0997-0333	70142-0999-0333

		200	250	300	400
1 A	0.5	2.5 VA 70142-1001-0250 5 VA 70142-1001-0500 10 VA 70142-1001-1000 15 VA 70142-1001-1500	2.5 VA 70142-1003-0250 5 VA 70142-1003-0500 10 VA 70142-1003-1000 15 VA 70142-1003-1500	–	–
5 A	0.5	2.5 VA 70142-1002-0250 5 VA 70142-1002-0500 10 VA 70142-1002-1000 15 VA 70142-1002-1500	2.5 VA 70142-1004-0250 5 VA 70142-1004-0500 10 VA 70142-1004-1000 15 VA 70142-1004-1500	2.5 VA 70142-1005-0250 5 VA 70142-1005-0500 10 VA 70142-1005-1000 15 VA 70142-1005-1500	2.5 VA 70142-1006-0250 5 VA 70142-1006-0500 10 VA 70142-1006-1000 15 VA 70142-1006-1500
333 mV	0.5	70142-1001-0333	70142-1003-0333	–	–

Special designs on request:

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