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Current Transformer for Self Powered Relay, SVA105

The low power switchgear current transformers in SVA105 housing is specially designed for application in medium voltage installations as Ring Main Units (RMU). This solid, cast resin transformer is cost effective and very reliable. For many years ELEQ develops and produces these protection transformers for the switchgear market. The transformers are specially designed for dynamic loads and applicable for the so called self powered relays like Woodward SEG, WIC1 and others.

Technical Specifications*

Location:	Indoor use
Protection degree:	IP20
Rated frequency:	50/60Hz
Class of insulation:	E (120°C)
Ambient temperature:	-10°C .. 55°C
Standard:	IEC 61869-2
Rated short-time thermal current (Ith)	20kA/3s or 25kA/1s
Primary window suitable for cable:	Maximum Ø50mm
Material:	PU & PA6.6
Secondary terminal:	6mm² solid / 4mm² stranded Screw connection
Test winding:	0,288A nom.
Burden:	Contact ELEQ for details

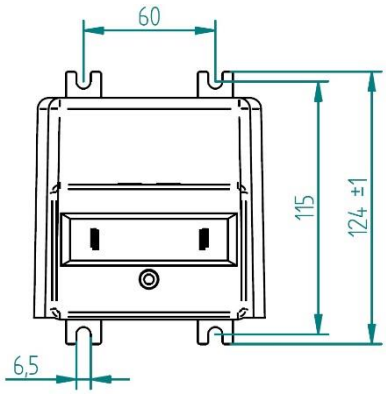
*The given specification is valid in combination with a self powered relay like the WIC1

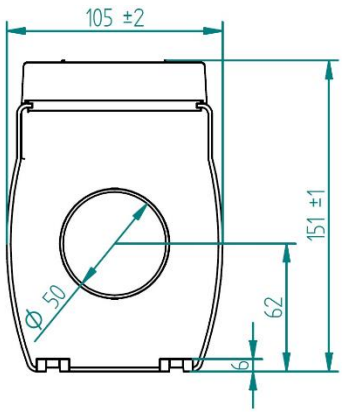
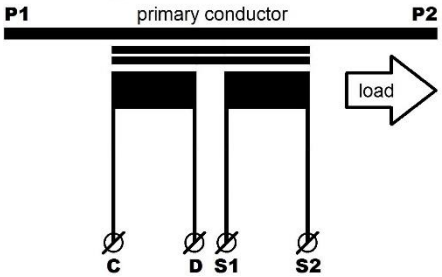
Ordering Specifications

Current Range	Class*	Cable diameter	Article nummer	Ct ratio	Min.-max measuring range
W2: 16-56 A	10P80	50 mm	4G2301N	14,4/0,075 A	14,4 A tot 1120 A
W3: 32-112 A	5P80	50 mm	4G2302N	28,8/0,075 A	28,8 A tot 2240 A
W4: 64-224 A	5P80	50 mm	4G2303N	57,6/0,075 A	57,6 A tot 4480 A
W5: 128-448 A	5P80	50 mm	4G2304N	115,2/0,075 A	115,2 A tot 8960 A
WE2: 16-56 A	5P80	50 mm	4G2305N	14,4/0,075 A	14,4 A tot 1120 A

* Contact ELEQ for further details about specifications and dimensions

Dimensions





Wiring Diagram