

SVA105-100-50 – Cast-resin Current Transformer

The SVA105 is especially designed for application in medium voltage installations around insulated cables. The SVA105 has a sealable cap which makes the transformer also suitable for revenue metering (billing). This cast resin isolated transformer is compact, easy to mount and GOST certified. Multi-core and multi ratio types are available in measuring and protection classes.

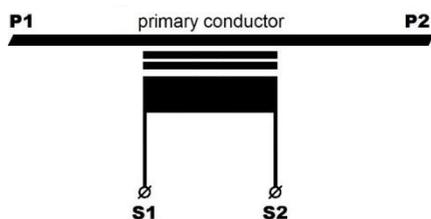


Ordering specifications

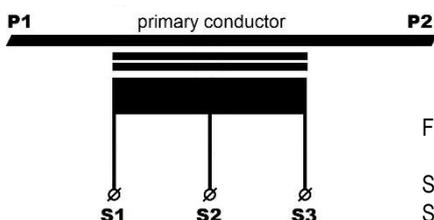
Ratio	Class	Burden	Article number
100/5A	0,2S	2,5VA	4SV521
100/5A	0,5S	5VA	4SV531
200/5A	0,2S	2,5VA	4SV522
200/5A	0,5S	7,5VA	4SV532
300/5A	0,5S	10VA	4SV533
400/5A	0,5S	10VA	4SV534
600/5A	0,5S	10VA	4SV536
100/1A	0,5-1	3-5VA	4SV501
200/1A	0,5-1	3-5VA	4SV502
300/1A	0,5-1	3-5VA	4SV503
400/1A	0,5-1	3-5VA	4SV504
600/1A	0,5-1	3-5VA	4SV506
50-100-200/1A	10P10	1,5-3-6VA	4SV590
100-200/1A	5P10	4-7VA	4SV551
150/1A	5P10	4VA	4SV550
200-400/1A	5P10	4-7VA	4SV552
300-600/1A	5P10	4-7VA	4SV553
400-600/1A	5P10	4-7VA	4SV554

On request other ratio's and specifications for measuring and protection classes are possible.

Wiring diagram



For a transformer with a double ratio:



For example 100-200/1A

S1 and S2 = 100/1A
S1 and S3 = 200/1A

Technical specifications

Environmental conditions	
This product is designed to be safe under the following conditions:	
Location:	Indoor use
Ambient temperature:	-10°C .. +55°C
Relative humidity:	5% .. 85%, non condensing, non formation of ice
Protection degree:	IP20
Only suitable for insulated primary conductors	
Application conditions	
Standard:	IEC 61869-2:2012
Rated short-time thermal current (I _{th}):	20 kA3s
Continuous thermal current (I _{th}):	100%
Rated insulation level:	0,72/3-kv
Rated frequency:	50/60Hz
Class of insulation:	E (120°C)
Primary window dimensions:	Maximum Ø 50mm
Secondary terminal:	Screw terminals Ø 5mm Wire diameter max. 6mm ² solid max 4mm ² stranded

Dimensions

