

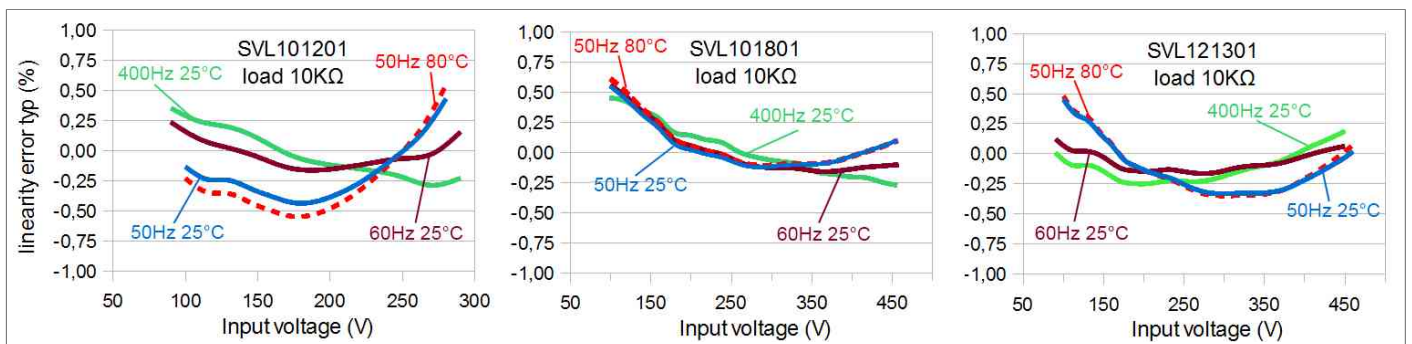
- High precision, 50...400Hz voltage measuring transformers
- Multi output voltage level
- Short circuit proof safety transformers, compliant to EN61558-1 and EN61558-2-6 up to the Max permissible input voltage<sup>3</sup>
- Max ambient temperature 80°C
- Epoxy encapsulated
- Marking on primary side
- Tin-plated phosphor bronze pins
- Pins size: Ø 0,9 mm typ , length 4mm min
- Only electrically used pins are mounted
- 100% tested
- Custom versions on request



ta80/B

Code	Input voltage			Linearity error <sup>1</sup>		Phase error <sup>2</sup>		Input voltage (@nominal V input)	Recom- mended Load	Pri/Sec Dielectric strength	.stp file Download
	Nominal	Permissible range	Precision range	Typical	Max	Typical	Max				
SVL101201	230V	0...300V	90...265V	<±0.40%	<±0.65%	<±1.00°	<±1.70°	2,5-5,0-7,5-10V	10KΩ	5.0KV	
SVL101801 <sup>3</sup>	400V	0...500V	180...440V	<±0.25%	<±0.50%	<±0.60°	<±1.00°	2,5-5,0-7,5-10V	10KΩ	5.0KV	
SVL121301	400V	0...500V	180...440V	<±0.25%	<±0.50%	<±0.75°	<±1.20°	2,5-5,0-7,5-10V	10KΩ	5.0KV	

Dimensions (mm)	SVL101201	SVL101801	SVL121301	Layout (bottom view)	Drawing
a max	32,6	33,1	41,5		
b max	28,0	28,6	35,5		
h max	24,3	29,7	27,5		
x typ	5,0	5,0	5,0		
y typ	20,0	20,0	25,0		



<sup>1</sup> Max errors at 50Hz (@25°C).

<sup>2</sup> For phase shift error compensation please contact our technical dept.

<sup>3</sup> The compliance of SVL101801 to EN61558-1 and EN61558-2-6 standard is limited for use up to 300V max primary voltage. It can be used above 300V where the compliance to EN61558-1 and EN61558-2-6 is not required.