

SPECIFICATIONS**TYPE: VOLTAGE ISOLATOR Model SVI**

<u>Signal Input</u>		<u>Voltage Output</u>	
Voltage Range (2)	FS minimum 0 - \pm 100 mV FS maximum 0 - \pm 1500 V	Accuracy (1) (2)	\pm 0.1%
Current Range	FS minimum 0 - 4 mA FS maximum 0 - 20 mA	Range	\pm 10 V Peak
Impedance	Voltage 100 K minimum Current 100 Ω	Load Resistance	1 K Ω minimum
Linearity (1) Range of 5-100 %	\pm 0.05%	Thermal Drift	\pm 0.01% / $^{\circ}$ C maximum
Operating Temperature	0 - 60 $^{\circ}$ C	Response Time	150 μ sec. Maximum
Power supply	105-125 Vac, 50- 60 Hz 210-250 Vac, 50-60 Hz	<u>Current Output</u>	
<u>Isolation</u>		Accuracy (1) (2)	\pm 0.2%
Input to Output	\pm 2500 Vdc or Vac peak	Range	0 - 20 mA dc
Output to Supply	500 Vac maximum	Load Resistance	500 Ω maximum
Output to Case	500 Vac maximum	Thermal Drift	\pm 0.02% / $^{\circ}$ C maximum
Case to Supply	500 Vac maximum	Response Time	250 μ sec. Maximum
		Bias Current at Zero Input	0 - 4 mA
		<u>Enclosure</u>	
		Dimension	120 mmX160mmX180 mm
		Mounting	Back Panel
		Protection Class	IP 40

Note 1	All specification errors are expressed in percent of full-scale value.
Note 2	DC or AC peak
Note 3	At Reference conditions: (a) Input at full-scale as specified (b) Ambient temperature 25 \pm 1 $^{\circ}$ C (c) Supply within \pm 5 % (d) Voltage Output load 1000 Ω or more (e) Current Output burden 500 Ω or less

Specification subject to change without notice.

Designed and Manufactured by

SIRIUS CONTROLS PVT LTD

177/3A, Dollars Layout, Bilekahalli, Bannerghatta Road, Bangalore - 560076, INDIA.

Tel: +91-80-41107676 Fax: +91-80-41215895

E-mail: scpl@siriusindia.com, Visit us at www.siriusindia.com