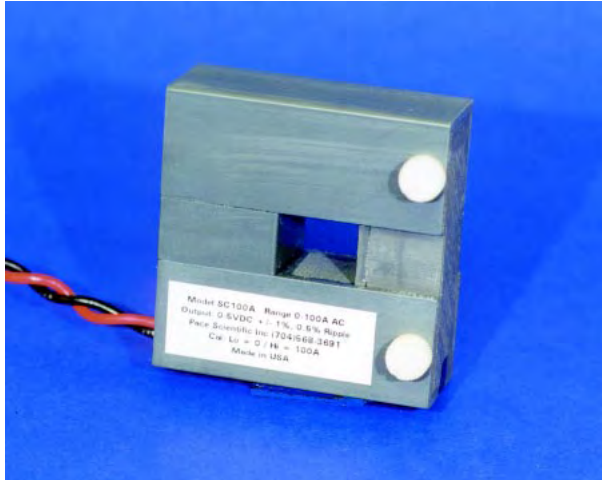


Pocket Logger™ Accessories

AC Current Sensors

- Connect to any Pocket Logger input
- Monitor motors, pumps, or any AC load
- Wide range - Usable below 1% of full scale
- Split Core design - easy to install
- No exposed metal parts
- Self powered



Input Current:	AC current, single phase 50/60Hz, load power factor 0.5 to 1.0 lead or lag.
Accuracy:	±2.0% of reading from 2.5% to 100% of full scale. ±4.0% of reading at 1.0% of full scale.
Bandwidth:	10 - 1000Hz (within ±3db)
Temperature effect:	±0.05% from -20 to 85°C (-4 to 185°F).
Response Time:	250 ms. (input from 10% to 90% of F. S.)
Ripple:	0.5%
Voltage Rating:	600 VAC. Tested with full wave 10 kV impulse for 60 seconds.
Overload:	1.6x full scale (continuous).
Surge:	3x full scale.
Lead Wires:	8 ft twisted Black / Red per UL1015.
Size:	1.25" overall width. Additional dimensions below.

Part No.	Range	Window	Length	Depth
SC100A	0-100 amp ac	0.5" square	2.6"	2.5"
SC200A	0-200 amp ac	1.0" square	3.0"	2.9"
SC500A	0-500 amp ac	2.0" square	4.0"	3.9"
SC1500A	0-1500 amp ac	2.5" square	4.8"	4.7"

AC Voltage Sensors

- Connect to any Pocket Logger input
- Use SV300 model for 24 / 120 / 240 vac circuits
- Use SV600 model for 120 / 240 / 480 vac circuits
- Rugged DIN mount case
- Self-powered



AC Voltage range:	0-300, 0-600
Frequency Range:	48 to 65Hz
Voltage Overload:	Full scale rating
Response:	400 milliseconds
Accuracy @ 60Hz:	±1.0% of F.S. (Includes effects of linearity from 10% to 100% F.S.)
Temperature effect:	(-20°C to 65°C): ±1.0%
Weight:	SV300: 4 oz., SV600: 10 oz.
Dielectric Test	(input/output): 1500 VAC
Burden:	2.0 VA
Size:	1.5"H x 3.5"W x 2"D
<i>External potential transformer included with SV600;</i>	
<i>External transformer size: 1.6"H x 2.8"W x 1.5"D.</i>	

Part No:	SV300 (0-300 VAC)
	SV600 (0-600 VAC)

IMPORTANT - AC Voltage Sensors must be mounted and wired in a box, panel or suitable enclosure.

For pricing or any further information, please contact Omni Instruments Ltd.



Measurement and data acquisition solutions

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