



# Single Phase AC Current Sensor · SACCS-1

The SACCS-1 Single Phase AC Current Sensor provides an analog DC Voltage output which is proportional to the AC current carried by the wire passing through its opening. Split core design and safe non-conductive plastic housing simplify installation on existing conductor.

The SACCS-1 is compatible with any of the Davicom Remote Monitoring and Control Systems. For readings in  $A_{ac}$ , enter the ABC coefficients given below:

DV-200/Mini/Micro: **A=0; B=20; C=0;**



ELECTRICAL SPECIFICATIONS	
Input Current:	0 – 100 A <sub>AC</sub> (50 – 400 Hz)
Supply Voltage:	Self-Powered
Output Voltage:	0 -5 VDC
Accuracy	1% of reading from 10% to 100% of full scale
	3% of reading at 5% of full scale
	5% of reading at 2% of full scale
Temperature range:	-20 to 55°C
Lead wires:	8ft (2.4m) twisted 22 AWG red/black per UL1015

MECHANICAL SPECIFICATIONS	
Dimensions:	2.6 x 2.3 x 1.23 in 66 x 59 x 31.2 mm (W x D x H)
Weight:	0.375 lbs (0.17 kg)
Window Size:	0.5" square

