



The CS-650 series of mini current sensors monitor line current for electrical loads such as pumps, conveyors, machine tools or fans and provide an output of 0-5 Vdc to represent the load current.

The CS-650 requires no external power supply as they are totally powered by induction of the AC line being monitored.



SPECIFICATION:

- Measurement Range..... 0-10, 20, or 50 Amps
- Maximum Input Current.... 100 Amps Continuous
- Accuracy..... ± 1% FSO (5-100% of range)
- Signal Output 0-5 Vdc
- Sensor Power..... Self-powered
- Insulation Class 600 Vac, insulated conductors
- Frequency 50/60 Hz
- Response Time 250 mS Typical, 0-90 %
- Output Load..... 1 MΩ typical
- Loading Error..... Add 1.2% error with 100KΩ
- Operating Temperature -15 to 60 °C (5 to 140 °F)
- Operating Humidity 5 to 90% RH non-condensing
- Terminal Block 14 to 22 AWG
- Dimensions..... 48 x 49 x 21 mm
(1.9 x 1.93 x 0.83 in)
- Sensor Aperture..... 11.4 mm (0.45 in)
- Enclosure Material..... ABS/PC, UL94 V-0
- Agency Approvals..... cULus Listed

PART NUMBER SELECTED

PRODUCT SELECTION INFORMATION:

MODEL	Product Description
CS-650	Mini Solid-core Current Sensor, 0-5 Vdc output

CODE	Sensing Range
10	0-10 Amps
20	0-20 Amps
50	0-50 Amps

Greystone Energy Systems, Inc. reserves the right to make design modifications without prior notice.

TYPICAL INSTALLATION:

For complete installation and wiring details, please refer to the product installation instructions.

The CS-650 series must be mounted in an electrical enclosure and has an integral mounting tab to allow screw mount to a surface.

The CS-650 series has a 2 wire connection to the Building Automation System.

