



The CS-651 series of mini current sensors monitor line current for electrical loads such as pumps, conveyors, machine tools or fans and provide an output of 0-10 Vdc to represent the load current.

The CS-651 requires no external power supply as they are totally powered by induction from 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 Output0-10 Vdc
- Sensor Power.....Self-powered
- Insulation Class600 Vac, insulated conductors
- Frequency.....50/60 Hz
- Response Time250 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 Block14 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-651	Mini Solid-core Current Sensor, 0-10 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-651 series must be mounted in an electrical enclosure and has an integral mounting tab to allow screw mount to a surface.

The CS-651 series has a 2 wire connection to the Building Automation System.

