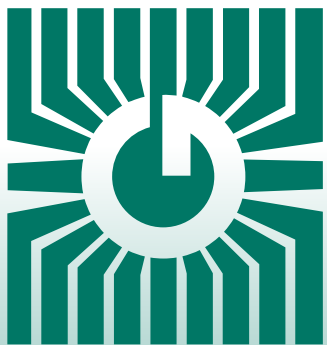


GREYSTONE
ENERGY SYSTEMS INC



MINI-CURRENT SENSOR CS-6XX Series



Precision power control/sensing

FEATURES:

- Solid Core
- Analog Output
- Up to 100 amps input current
- Small, Compact Design

*Peace of mind
through reliable
current monitoring*

GREYSTONE HAS AN **ISO 9001** REGISTERED QUALITY SYSTEM

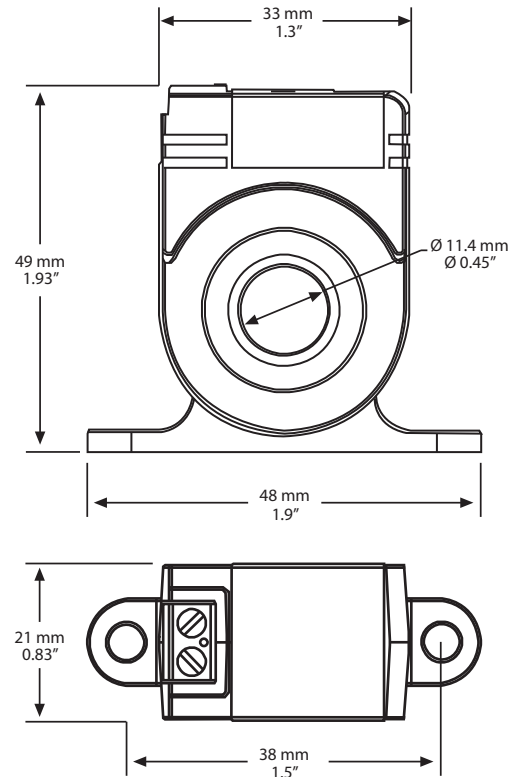
DESCRIPTION:

The CS-6XX-XX series of current sensors monitor line current for electrical loads such as pumps, conveyors, machine tools or fans and provide an output of 4-20 mA, 0-5 Vdc or 0-10 Vdc (Model specific) to represent the load current.

The CS-650 & CS-651 series require no external power supply as they are totally powered by induction from the AC line being monitored. The CS-652 series is loop-powered and require an external 15-30 Vdc power supply.

SPECIFICATION:

Measurement Range.....	10/20/50 Amps (Model specific)
Maximum Input Current.....	100 Amps continuous
Accuracy.....	± 1% FSO
Sensor Power.....	Self-powered (CS-650 & CS-651) 15-30 Vdc, Loop-powered (CS-652)
Output Type.....	0-5 Vdc, 0-10 Vdc or 4-20 mA
Output Load.....	1 MΩ Typical (CS-650 & CS-651) 250 Ω Typical (CS-652)
Loading Error.....	Add 1.2% error with 100 KΩ (CS-650 & CS-651 Only)
Frequency.....	50/60 Hz
Response Time.....	<250 mS Typical (0-90%)
Insulation Class.....	600 Vac, insulated conductors
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 1.9x 1.93 x 0.83 in
Sensor Aperture.....	0.45 in (11.4 mm)
Enclosure Material.....	ABS/PC, UL94 V-0
Agency Approvals.....	cULus Listed



PRODUCT ORDERING INFORMATION

MODEL	Output Signal
CS-650	0-5 Vdc, Self-powered
CS-651	0-10 Vdc, Self-powered
CS-652	4-20 mA, Loop-powered

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

CS650 - 10

Current Sensor, 0-5 Vdc Output, 0-10 Amp Input

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



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Greystone Energy Systems Inc. is one of North America's largest ISO registered manufacturers of HVAC/R sensors and transmitters for Building Automation Management Systems.

We have conscientiously established a worldwide reputation as an industry leader by maintaining leading-edge design technology, prompt technical support, and a commitment to on-time deliveries. We take pride in our Quality Management System which is ISO 9001 certified, assuring our customers of consistent product reliability.

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