## GREYSTONE MINI CURRENT SENSOR CS-651 Series

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 Output 0-10 Vdc
Sensor PowerSelf-powered
Insulation Class 600 Vac, insulated conductors
Frequency 50/60 Hz
Response Time 250 mS Typical, 0-90 %
Output Load1 MΩ typical
Loading Error Add 1.2% error with 100K $\Omega$
Operating Temperature15 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

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## **PRODUCT SELECTION INFORMATION:**

	MOE	DEL	Product Description			
1	CS-6	51	Mini Solid-core Current Sensor, 0-10 Vdc output			
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			CODE	Sensing Range		
			10	0-10 Amps		
			20	0-20 Amps		
		50	0-50 Amps			
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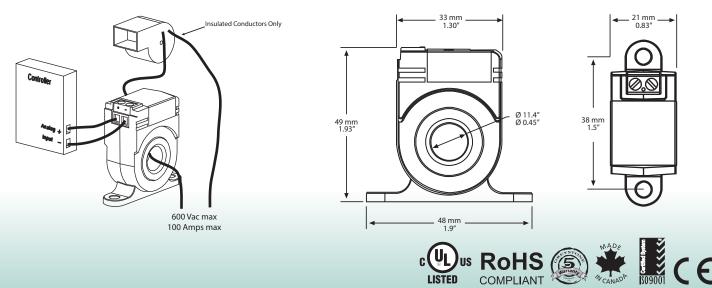
Greystone Energy Systems, Inc. reserves the right to make design modifications without prior notice.

## **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.



CS-MSE651-SUB-001

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