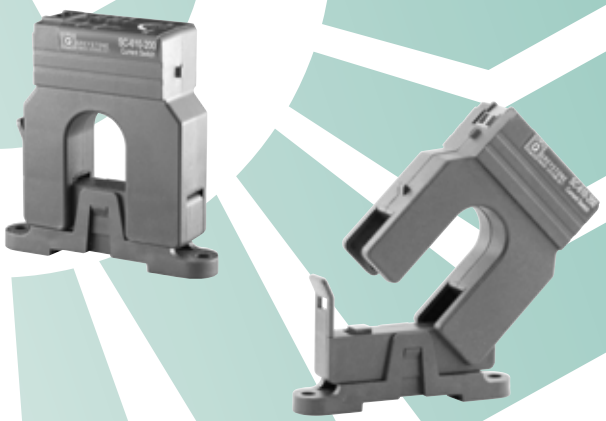
GREYSTONE
ENERGY SYSTEMS INC

SPLIT-CORE CURRENT SWITCH SC-GnG-200

The SC Series current switch monitors line current for electrical loads such as pumps, conveyors, lighting, heaters or fans and closes the output contacts when the trip point is exceeded. The SC-GnG-200 has a factory set trip point of 2 Amps to provide Go/No Go status operation.

The sensor requires no external power as it is totally powered by induction from the AC line being monitored. The switch output is normally open and when the input current exceeds the trip setpoint the switch closes to provide an on/off digital signal to the controller.

The SC-GnG-200 can be opened to install on an existing wire which eliminates the need to disconnect.



SPECIFICATION:

Current Setpoint	Fixed at 2 Amps
Maximum Input Current	200 Amps continuous
Sensor Power	Self-powered
Output Type	Solid-state mosfet
Output Switch Action	Normally open
Output Switch Ratings	30 Vac/dc, 500 mA Max.
Von @ 24 Vdc at 500mA	< 50 mV
Frequency	50/60 Hz
Response Time	200 mS Typical
Insulation Class	600 Vac, Insulated conductors
Operating Temperature	-15 to 50 °C (5 to 122 °F)
Operating Humidity	5 to 90% RH non-condensing
Wiring Connection	Screw terminal block (14 to 22 AWG)
Dimensions	76 x 79 x 24.9 mm (3 x 3.1 x 0.98 in)
Sensor Aperture	20.3 mm (0.8 in)
Enclosure Material	ABS/PC, UL94 V-0
Agency Approvals	cULus Listed

PRODUCT ORDERING INFORMATION:

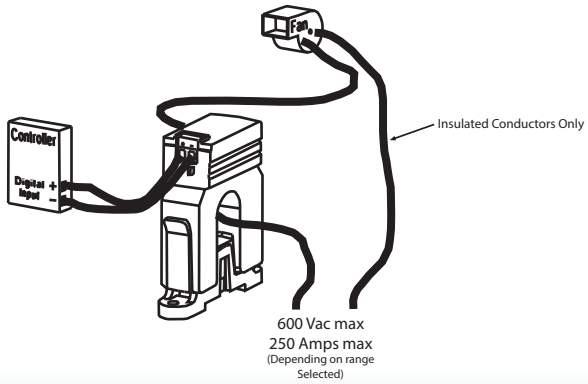
SC-GnG-200 Split-core Current Switch Go/ No Go

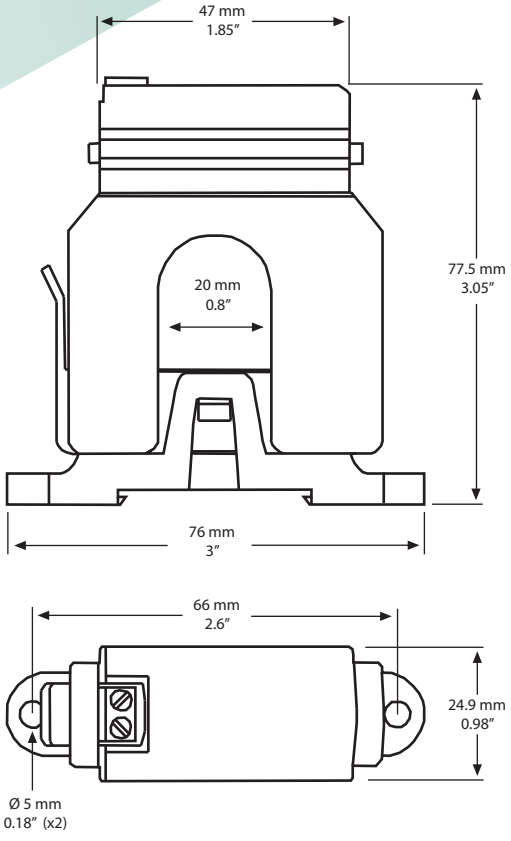
TYPICAL INSTALLATION:

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

The SC-GnG-200 provides mounting tabs to secure the device inside a motor control panel using (2) # screws.

The sensor has a 2 wire connection to the Building Automation System.





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SC-SW-SUB-001 04/13
PRINTED IN CANADA