

AC CURRENT SWITCH

CS-325-HC



APPLICATIONS:

- Direct connection to PC's for general status monitoring
- Directly control AC loads, such as relays, lamps or fans, in response to the current of a monitored AC circuit
- Replaces Differential Pressure switches
- Safety and alarm circuits
- Monitor motors for broken belts or jammed tooling
- Heater monitoring

DESCRIPTION:

The CS-325-HC Solid-Core current switch is a solid-state N.O. switch that is available as an AC switch type to suit many applications. This model features a pre-set trip level at 1.25 Amps maximum and requires no field adjustments for easy installation. The device has a triac output switch that will switch loads at 120 Vac and 2.5 Amps maximum. Internal circuits of the CS-325-HC are totally powered by induction from the line being monitored and all units are certified to CSA (Canada and US) standards.

SPECIFICATIONS:

Input Range:	1.25 - 40 Amp-turns	Hysteresis:	<1% FS max.
Operating Temperature:	0 – 40 °C (32 - 104 °F)	Operating Humidity:	0 – 95% RH non-condensing
Trip Set-Point:	Factory pre-set at approximately 1.25 Amps	Material:	Self-extinguishing ABS (Cycolac 94V-0)
Enclosure Size (H x W x D) :	70 x 89 x 28 mm (2.75" x 3.5" x 1.1")	Mounting Holes:	2 x 5 mm holes spaced 76 mm on base (2 x 0.19" holes spaced 3" on base)
AC Conductor Hole:	19 mm (0.75") Diameter	Output Type:	Triac
Switch Rating:	120 Vac @ 2.5 Amps Max	Leakage Current:	< 1 mA
Manufacturing Process:	ISO 9002 Certified		

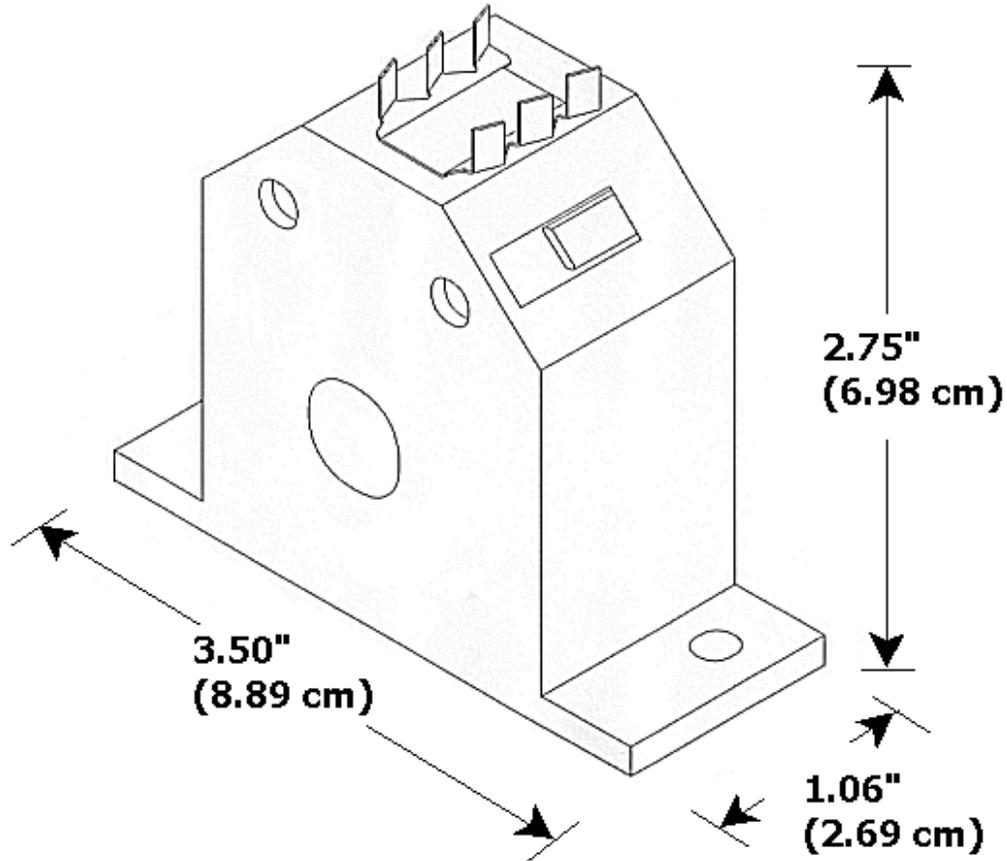
INSTALLATION:

Disconnect and lock-out all power sources during installation as severe injury or death can result from electrical shock due to contact with high voltage conductors. Ensure all installations are in compliance with applicable electrical codes and that the installation is completed by qualified installers familiar with the standards and proper safety procedures for high voltage installation. Never rely on status indicating devices only to determine if power is present in a conductor.

CURRENT SWITCH: PRODUCT ORDERING INFORMATION

Model	Output Type	Type	Switch V Max	I Max	Von @ 24Vdc @ 150 mA	Leakage Current	Power LED	Status LED	Auto Range	Input I Min	Input I Max
CS-325-HC	Triac	AC	120 VAC	2.5 Amp	N/A	<1 mA	No	No	Yes	1.25A	40A

CS-325-HC
High Current Switch



Greystone Energy Systems Inc.
150 English Drive, Moncton, NB
Canada E1E 4G7

(506) 853-3057 Fax: (506) 853-6014
e-mail: mail@greystoneenergy.com
www.greystoneenergy.com



Greystone Energy Systems Inc., established in 1983, is Canada's largest manufacturer of HVAC sensors and transducers 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 9002 certified, assuring our customers of consistent product reliability.

GREYSTONE IS AN ISO 9002 REGISTERED COMPANY