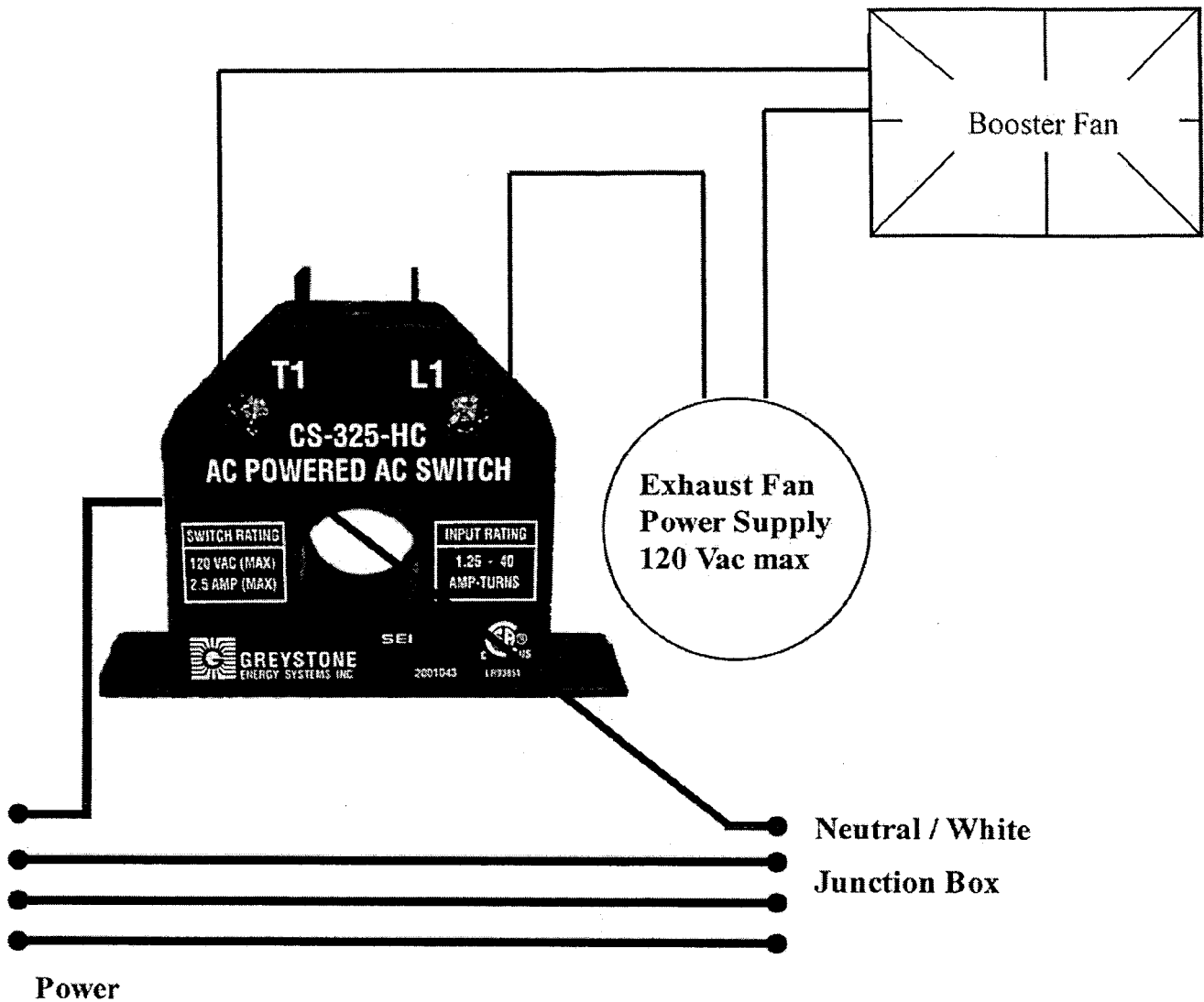


## INSTALLATION



### Notes:

1. Disconnect all power to the dryer and exhaust fan.
2. Mount sensor in a convenient location, in a junction box, at the fuse or breaker panel or inside the dryer electrical compartment.
3. Disconnect and loop the neutral power wire, white, through the current sensor and reconnect.
4. Connect the fan power supply, as shown 120 Vac max, to the top terminals of the current sensor.

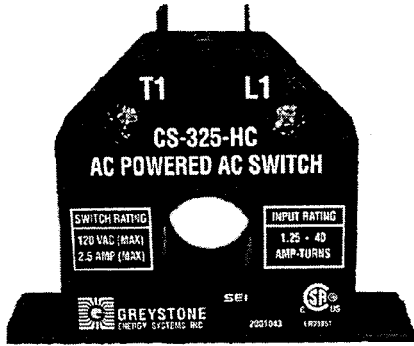


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# AC CURRENT SWITCH

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 NRTL/C standards.

## SPECIFICATIONS:

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

## 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.



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*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.*



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