GREYSTONE
ENERGY SYSTEMS INC

AC CURRENT SWITCH HIGH OUTPUT CS-625 Series

The CS-625 current switch is a solid-state switch that monitors line current for electrical loads such as pumps, conveyors, machine tools or fans and closes the output contacts when the adjustable trip point is exceeded. It is typically used to monitor motor operation and can be used to determine on/off status, proof of operation, motor failure or belt loss.

The sensor requires no external power as it is totally powered by induction from the primary AC line being monitored. The trip setpoint is adjustable in three jumper-selectable ranges from a minimum value (1 Amp) up to 175 Amps by rotating the adjustment pot counter-clockwise.

The output contacts can switch loads up to 1 Amp 240 Vac.

SPECIFICATIONS:

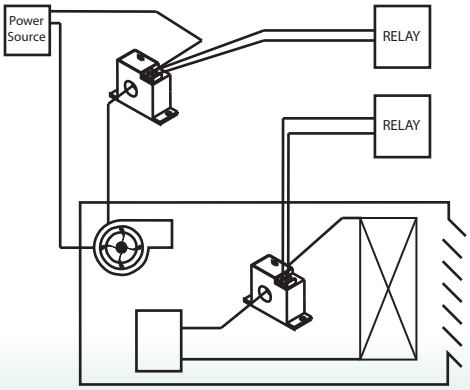
Setpoint Range	1 - 175 Amps adjustable
Maximum Input Current	175 Amps continuous
Sensing Ranges	Low (1-6 Amps) no-jumper Mid (6-40 Amps) High (40-175 Amps)
Sensor Power	Self-powered
Output Type	Solid-state
Output Switch Action	Normally open
Output Switch Ratings	240 Vac, 1 Amp maximum
Frequency	50/60 Hz
Response Time	<200 mS typical
Insulation Class	600 Vac, insulated conductors
Operating Temperature	-15 to 40°C (5 to 104°F)
Operating Humidity	5 to 90 %RH, non-condensing
Terminal Block	14 to 22 AWG
Dimensions	49 x 87 x 25 mm (1.95" x 3.45" x 1")
Sensor Aperture	20 mm (0.8 in)
Enclosure Material	ABS, UL94 V-0
Mounting Holes	2 x 5 mm holes spaced 76 mm on base (2 x 0.19" holes spaced 3" on base)
Agency Approvals	cULus Listed

PRODUCT ORDERING INFORMATION:

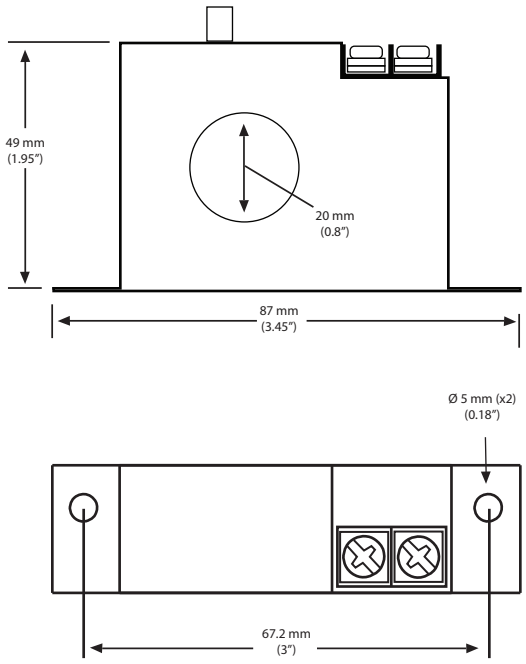
MODEL	Product Description
CS-625	AC Current Switch High Output

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

TYPICAL INSTALLATION:



Solid Core CS-625 Series Current Switch



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PS-625-01
PRINTED IN CANADA

c UL us LISTED
RoHS COMPLIANT
5 Year Warranty
MADE IN CANADA
Certified System ISO9001
CE