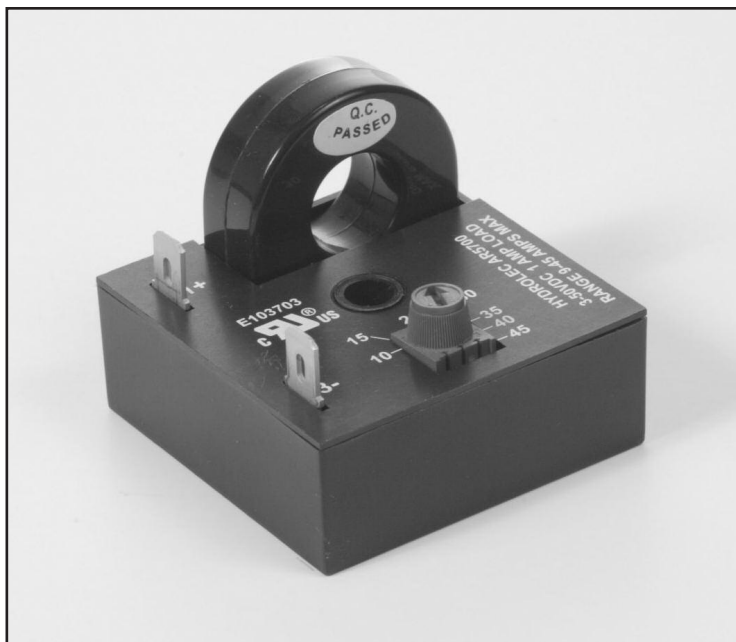


Timing Mode: **DELAY AFTER SENSE**

Category: **CURRENT SENSOR**

Series: **HCS**

CURRENT SENSOR with SOLID STATE OUTPUT, 1 AMP



HCS Current Sensor

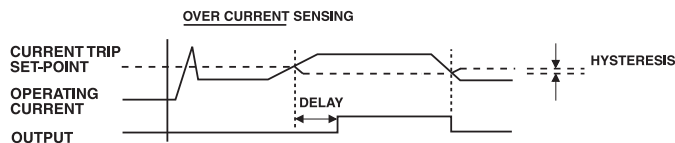
The HCS is a high-range current sensor with sense capabilities from 8 to 60 amps AC. The set point is either factory fixed or adjustable.

HCS is completely self-powered with solid state DC switching to interface with a Programmable Logic Control (PLC) or control relays.


Sense Mode

When the sensed current reaches the setpoint the output turns on.

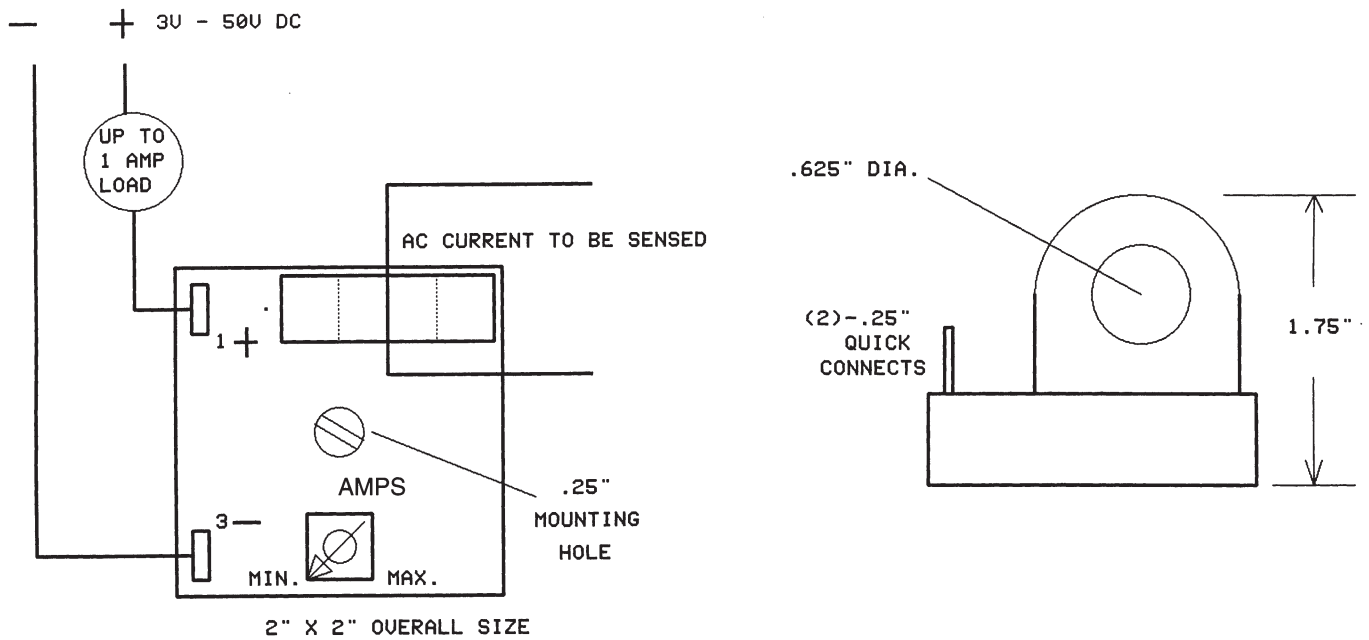
When the current goes below setpoint the output turns off.



FEATURES

- Toroidal sensing provides total isolation between sensed current and output circuit
- Setpoint adjusted by on board potentiometer or factory-fixed, up to 60 amps
- Self powered, no external supply voltage needed
- Compact 2" x 2" package with single screw mounting
- Totally encapsulated for protection from harsh environments
- Direct connection to PLC input
- 100% Operational testing before shipping
- Designed and manufactured in the U.S.A.
-  RoHS compliance available

BASIC WIRING AND DIMENSIONS



SPECIFICATIONS

Input Voltage: 3-50VDC

Hysteresis: ±5% of set point typical

Load: Up to 1 Amp—solid state switching

Adjustability: Linear min to max with trimpot option

Sensor: Toroid—Through hole wiring

Stability: ±2% over temperature

Current Range: 8 Amps minimum to 60 Amps maximum

Temperature Ranges: Storage: -40°C to +85°C
Operating: -25°C to +65°C

OPTIONS SELECTION

Mode of Operation	Series	Input Voltage	Sensing Range	Adjustment
Current Sensor	HCS	3-50 VDC	VARIABLE RANGES	C = Factory fixed A = Variable, integral, potentiometer
			030 8A to 30A 045 9A to 45A 060 10A to 60A (others by request)	
			FIXED RANGES	
			Specify Actuate setting (example: 010 = 10amps)	

Specifications subject to change without notice.