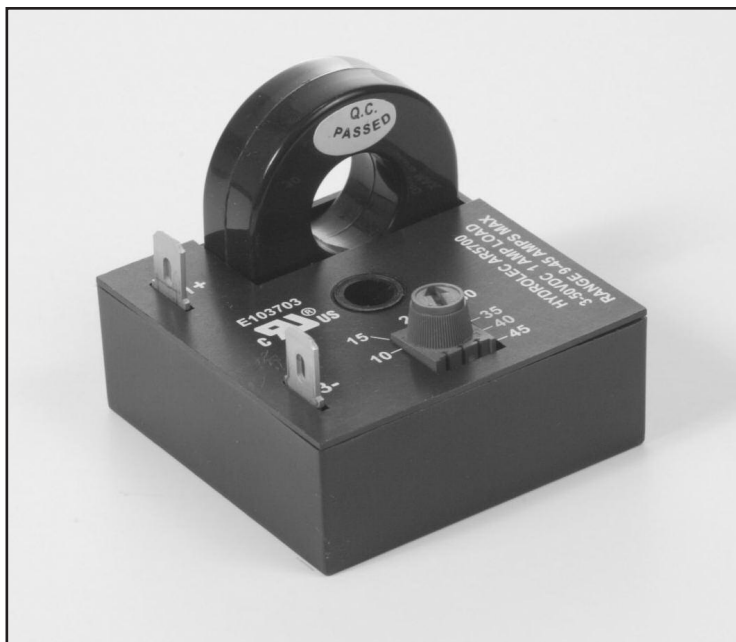


Timing Mode: **DELAY AFTER SENSE**

Category: **CURRENT SENSOR**

Series: **HCS**

## CURRENT SENSOR with SOLID STATE OUTPUT, 1 AMP



### HCS Current Sensor

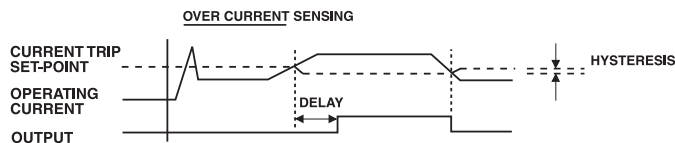
The HCS is a high-range current sensor with sense capabilities from 8 to 60 amps AC. The set point is either factory fixed or adjustable.

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.

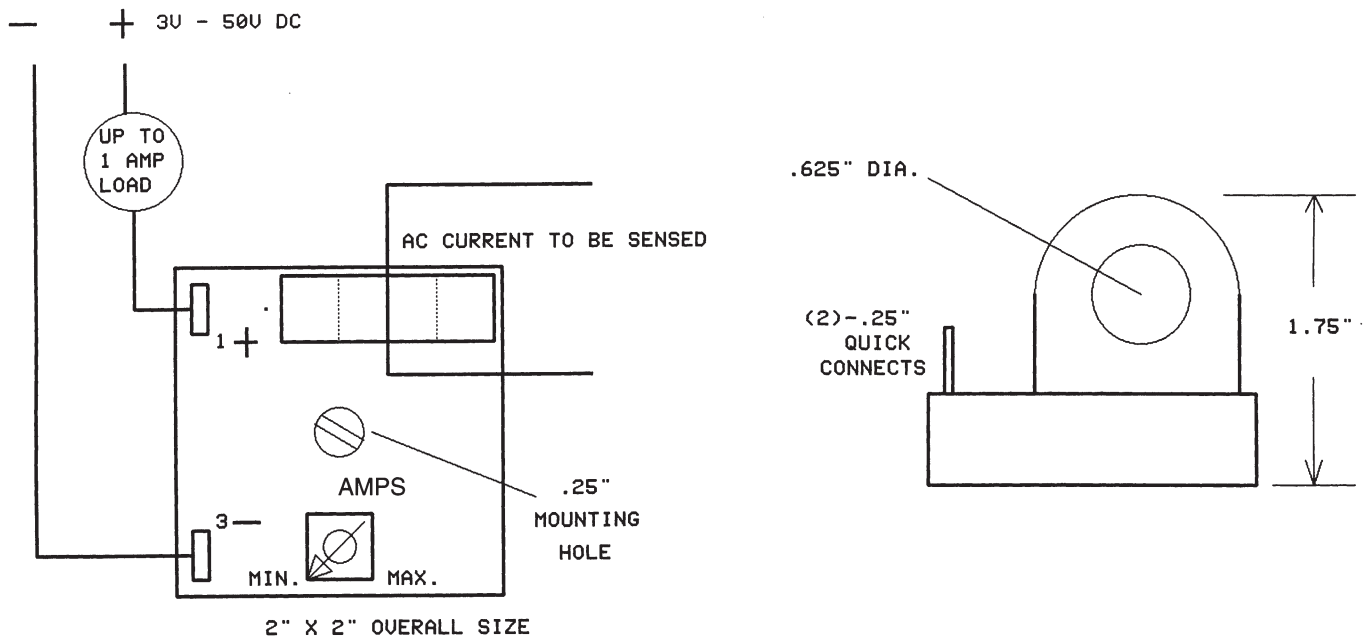
When the current goes below setpoint the output turns off.



## 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
<b>Current Sensor</b>	<b>HCS</b>	<b>3-50 VDC</b>	<b>VARIABLE RANGES</b>	<b>C</b> = Factory fixed <b>A</b> = Variable, integral, potentiometer
			<b>030</b> 8A to 30A <b>045</b> 9A to 45A <b>060</b> 10A to 60A (others by request)	
			<b>FIXED RANGES</b>	
			Specify Actuate setting (example: <b>010</b> = 10amps)	

*Specifications subject to change without notice.*