



AC Current Sensor

Model 7510

DESCRIPTION

Model 7510 is a 25A, 50A, or 100A, 3 phase current sensor. The current trip point is continuously adjustable. The output is a 600 mA solid state AC relay. Easily connects to a Phenix 40A relay (4138B) or a mechanical relay.



SPECIFICATIONS

Sensing Ranges	0-25A, 0-50A, 0-100A
Sensor Frequency Range	50-60 Hz
Trip Point	Adjustable
Response Times	10ms
Temperature Range	0-70°C
Maximum Wire Size	3/8"
Dimensions (L x W x H)	2.5x 1.5 x 1.25 inches
Connections	6-32 Screw Terminals (2)
Operating Voltage	90-120VAC
Output Type	Normally Open
Output Rating	600mA continuous
Operating Current	3 mA (Off Current)

ORDERING

Series	# of Sensors	Sensing Ranges
7510 C → 3 cores	1	→ 0-25A
	2	→ 0-50A
	3	→ 0-100A

FEATURES

- Encapsulated to prevent environmental and physical damage
- Solid-state
- Powered by SS relay contacts – only 2 connections
- Accommodate wires up to 3/8 inch
- Senses Currents up to 100A
- Outputs are isolated from monitored lines

APPLICATIONS

- Protects motors
- Increases Motor Life
- Pumping
- Irrigation
- Conveyors
- Fans and Blowers
- Ovens and Heaters
- Waste Management
- Material Handling
- Industrial Process Control