

DESCRIPTION

Model 7247 is a 100 A, 3 phase current sensor. The current trip point is continuously adjustable with both coarse and fine adjustments. The output goes from 0 to 24V DC on trip.



SPECIFICATIONS

Sensing Ranges	0-25A, 0-50A, 0-100A
Sensor Frequency Range	50-60 Hz
Trip Point	Adjustable, Coarse and Fine
Response Times	10ms
Temperature Range	0-70°C
Maximum Wire Size	3/8"
Dimensions (L x W x H)	2.25 x 1.5 x 1.25 inches
Connections	6-32 Screw Terminals (3)
Operating Voltage	24VDC
Output Type	Normally Closed
Output Rating	30mA
Operating Current	6mA

FEATURES

- Encapsulated to prevent environmental and physical damage
- Solid-state
- Accommodate wires up to 3/8 inch
- Currents up to 100A
- Outputs are isolated from monitored lines

APPLICATIONS

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

ORDERING

Series	# of Sensors	Sensing Ranges
7247 C	→ 3 cores	1 → 0-25A
		2 → 0-50A
		3 → 0-100A