

## 30A Relay Output, Three Phase

### DESCRIPTION

Model 9616 is a low cost current switch with maximum currents of 25A, 50A, 100A, or 250 A. This three phase current sensor comes with a 30A zero crossing mechanical relay. The relay has .250 male QC terminals for COM, NO, and NC. The current trip point is continuously adjustable by a 25 turn adjustment screw.



### SPECIFICATIONS

Sensing Ranges	0-25A, 0-50A, 0-100A, 0-250A
Sensor Frequency Range	50-60 Hz
Trip Point	Adjustable
Response Times	20ms On, 600ms Off @ 60Hz
Temperature Range	0-70°C
Maximum Wire Size	7/8"
Dimensions ( L x W x H )	3.75 x 1.05 x 2 inches
Connections	6-32 Screw Terminals (2) 0.25 Male QC Terminals (3)
Operating Voltage	120 VAC
Output Type	Zero Crossing Mechanical Relay with COM, NO, and NC
Output Rating	30A max.
Operating Current	30mA @ 120VAC

### ORDERING

Series	# of Sensors	Sensing Ranges
9616	C → 3 cores	1 → 0-25A 2 → 0-50A 3 → 0-100A 4 → 0-250A

### FEATURES

- Encapsulated to prevent environmental and physical damage
- Accommodate wires up to 7/8 inch
- Currents up to 250A
- 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



# AC Current Sensor Model 9616

