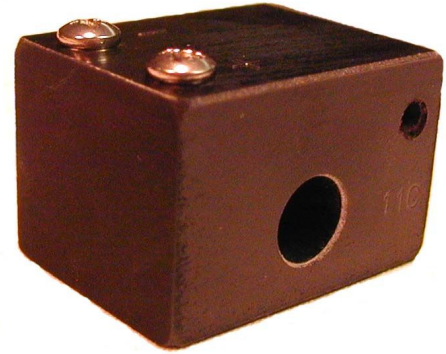


## Low Cost, Single Phase, Two Wire

### DESCRIPTION

Model 10624 is a small, low cost AC current switch. This current sensor is single phase and has a two wire connection. The output goes from low current to high current on trip and is designed to connect to a PLC. The current trip point is continuously adjustable. The 10624 is designed for industrial applications and can accommodate wires up to 3/8 inch diameter.



| SPECIFICATIONS           |  |
|--------------------------|--|
| Sensing Ranges(Amps)     | 0.1-5, 0.25-10, 0.5-25, 0.5-50, 0.5-100                            |
| Sensor Frequency Range   | 50-60 Hz   |
| Trip Point               | Adjustable   |
| Response Times           | 20ms On, 100ms Off @ 60Hz<br>100µs On from Current Detection Point |
| Temperature Range        | 0-70°C   |
| Maximum Wire Size        | 3/8"   |
| Dimensions ( L x W x H ) | 1.1 x 1.5 x 1 inches   |
| Connections              | 6-32 Screw Terminals (2)   |
| Operating Voltage        | 3-36 VDC   |
| Output Type              | Two Wire, Normally Low Current                                     |
| Output Rating            | High Current Max. 100mA  |
| Operating Current        | 1mA @ 5VDC   |

| ORDERING |              |                |
|----------|--------------|----------------|
| Series   | # of Sensors | Sensing Ranges |
| 10624    | A → 1 core   | 1 → .1 - 5A    |
|          |              | 2 → .25 - 10A  |
|          |              | 3 → .5 - 25A   |
|          |              | 4 → .5 - 50A   |
|          |              | 5 → .5 - 100A  |

Examples 10624A3, 10624A4

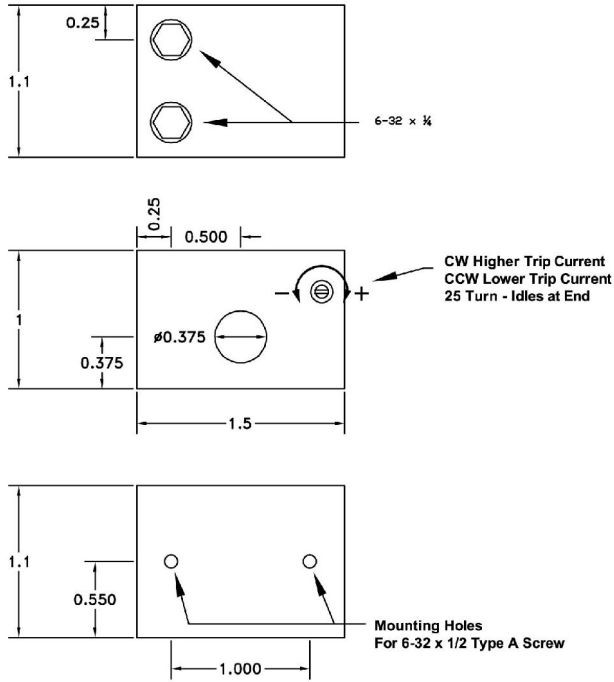
### FEATURES

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

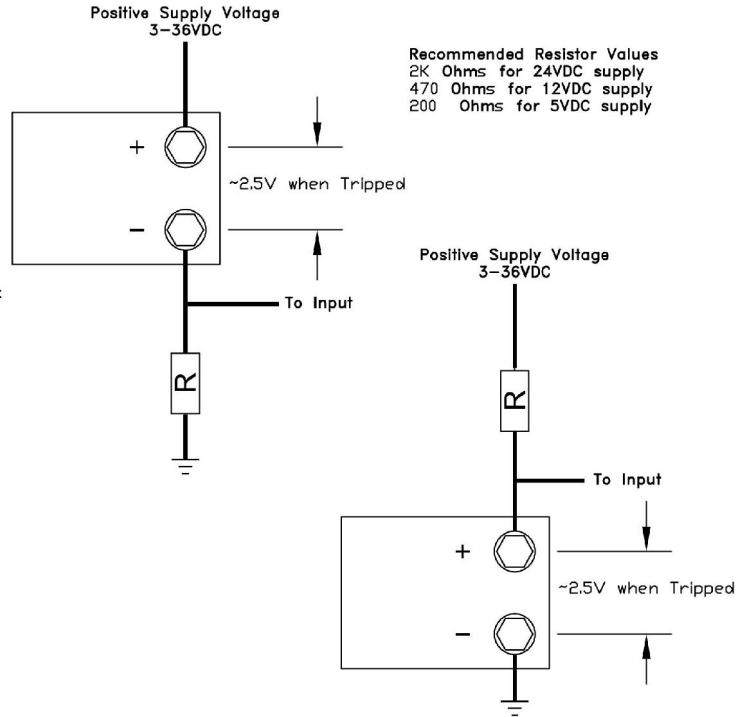
### APPLICATIONS

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

### Dimensions



### Typical Connections



### Connection to a PLC

