



**ELECTROSWITCH**



**TCM**

Trip Coil Monitor  
Meets UL 1054

## The Trip Coil Monitor with Local LED and SCADA Alarm Provides Continuous Monitoring of the Breaker Trip Coil.



The Electroswitch Trip Coil Monitor (TCM) is a convenient panel mounted relay that utilizes LEDs for visual indication and an added SCADA alarm feature.

The TCM provides continuous monitoring of the Breaker Trip Coil as well as the breaker's 52b auxiliary contacts. The TCM eliminates nuisance alarms via a built in time delay circuit. This provides for a reliable SCADA alarm and local indication when either the trip coil opens or the breaker doesn't complete its trip operation.

The TCM panel mounted package also has a self-monitoring feature providing both visual and SCADA alarm indication if there is a loss of voltage.

### Features

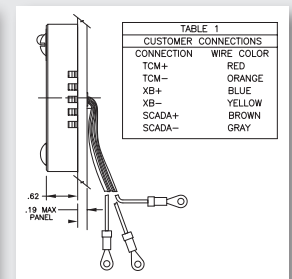
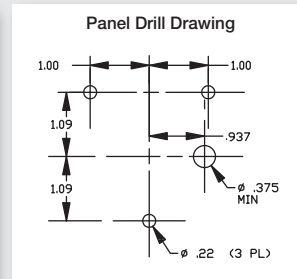
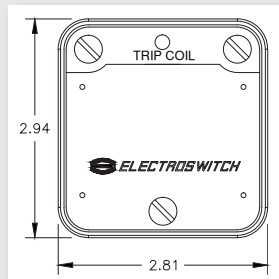
- LED Indication of Open Trip Coils or Breaker Failure to Trip
- Dual Trip Coil Monitoring Option Available
- SCADA Indication of Open Trip Coil, Loss of Voltage or Failure of the Breaker to Trip
- Standard Alarm Time Delay
- Replaceable, Industry Standard LED
- Convenient Easy to Wire Design
- Standard TCM Covers 48 - 125 VDC Applications

### Benefits

- Continuous Monitoring of Trip Coil Continuity
- Built in Delay Feature Eliminates Nuisance Alarms
- Solid State Design Prevents False Alarms Due to Magnetic Field Interference
- Minimal Behind Panel Space Required
- Extended Voltage Capability to Minimize Inventory and Reduce Potential Installation Errors
- Eliminates Need for Loss of Voltage Alarm

### Specifications

Operating Voltage Range	37 – 140 VDC
Scada Output Contact Rating	100mA MAX
Operating Temperature Range	-20C to +55C
Standard Alarm Time Delay	300 millisecond
Meets ANSI/IEEE 37.90, UL 1054 UL file No	E18174, ANSI/IEEE 37.90.1



### Required Ordering Information

LED Color [Red Standard] Green, Blue, White, Amber Options  
SCADA Contact N/C [Standard] N/O Option Available  
Single Trip Coil Monitoring [Standard] Dual Trip Option Avail.  
Special Engraving if Required [Standard as Shown]

Consult Factory for Additional Information

