

LED Monitor Module Over/Under Current Sensing FCT Series Current Sensor



- Toroidal Through Hole Wiring
- Adjustable or Factory Preset Trip Delays
- 10 A SPDT Isolated Output Contacts
- 5% Trip Point Hysteresis (Dead Band)

Description

The FCT Series LED Current Sensor is a universal, overcurrent or undercurrent sensing controller. Its built-in toroidal sensor eliminates the inconvenience of installing a stand-alone current transformer. Includes onboard adjustments for current sensing mode, trip point, and trip delay.

Operation

Input voltage must be supplied at all times for proper operation. When a fault is sensed throughout the trip delay, the output relay is energized. When the current returns to the normal run condition, the output and the delay are reset. If a fault is sensed and then corrected before the trip delay is completed, the relay will not energize and the trip delay is reset to zero as typical with a flashing beacon or other luminary.

Adjustment

Select the desired function, over or under current sensing. Set the trip point and trip delay to approximate settings. Apply power to the LED monitor module and the monitored load. Turn adjustment and watch the LED. LED will light; turn slightly in opposite direction until LED is off. Adjustment can be done while connected to the control circuitry if the trip delay is set at maximum.

Ordering Information

Part #: FCT-05112 120VAC 50/60 HZ

Part #: FCT-05131 230VAC 50/60 HZ

