

Universal AC Current Monitor

SPECIFICATIONS

CONTROL VOLTAGE	24 or 120 VAC; 50/60 Hz, 24 VDC					
OUTPUT	DPDT, 10 Amp @ 120 VAC Resistive					
RESPONSE TIME	Operate Release	0.1 to 10 SEC Adjustable 0.3 to 30 SEC Adjustable				
INDICATORS	Glows when relay is energized					
RESET	Automatic					
HYSTERESIS	5%					
TEMPERATURE	Operate	32° to 131°F (0° to +55°C)				
TEMPERATURE RATING	Operate Storage	32° to 131°F (0° to +55°C) -49° to 185°F (-45° to +85°C)				
		-49° to 185°F (-45° to +85°C)				
RATING	Storage RB-08 or PF	-49° to 185°F (-45° to +85°C)				

MODEL NUMBER

MODEL NUMBER	CMD			S	E	
CONTROL VOLTAGE						
24 Volts		24				
120 Volts		120				
TYPE OF CONTROL VOLTAGE						
AC			Α			
DC			D			
CURRENT TRIP POINTS						
0.05 to 0.25 amp adj. max continuous 3.4 amps						.25
0.2 to 1 amp adj. max continuous 11.9 amps						1
1.0 to 5.0 amps adj. max continuous 13.4 amps						5
2.0 to 10 amps adj. max continuous 25 amps						10
4.0 to 20 amps adj. max continuous 25 amps						20

OPERATION

The CMD Series may be used as an OVER CURRENT Monitor or an **UNDER CURRENT** Monitor.

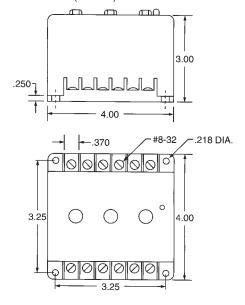
The CMD has adjustable Delay-on-Operate and adjustable Delay-on-Release time delays. When the current exceeds the preset current trip point for longer than the Delay-on-Operate time delay, the internal relay will energize (Pick-up). When the current drops below the preset current trip point for longer than the Delay-on-Release time delay, the internal relay will de-energize (Drop-out). When used as an over current monitor the Delay-on-Operate time delay is used to override inrush periods. When used as an under current monitor, the Delay-on-Release timer is used to override a temporary under current condition.

An External CT may be used to extend the range of the Current Monitor.

CMD Pick up Monitored **Drop out** Current Time Relay **Energized** Action De-Energized Time 1 - Time Delay-on-Operate

- 2 Time Delay-on-Release

► **DIMENSIONS** (INCHES)



WIRING

