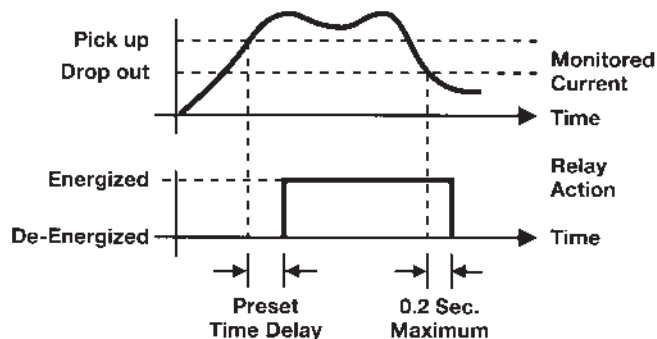


## OPERATION

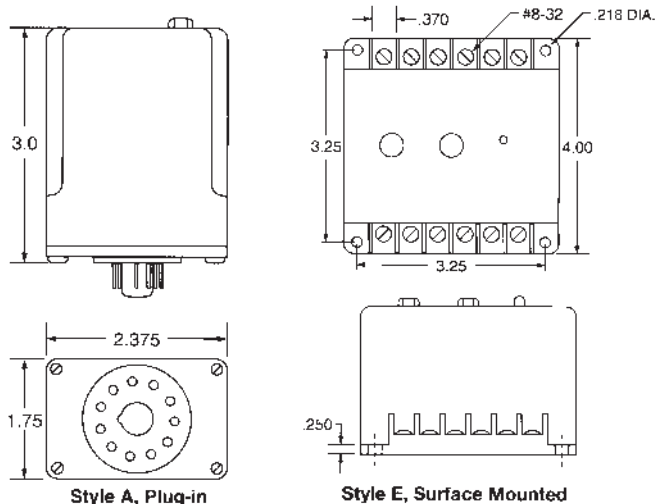
The CMO Series is used to detect over current conditions. The internal relay energizes (Pick-up) when the monitored current exceeds the preset trip point for longer than the **adjustable time delay**. The delay is incorporated to prevent nuisance tripping caused by motor inrush currents. The CMO has an **automatic reset feature**. The internal relay de-energizes (Drop-out) when the current drops 5% below the preset trip for longer than 0.2 seconds.

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

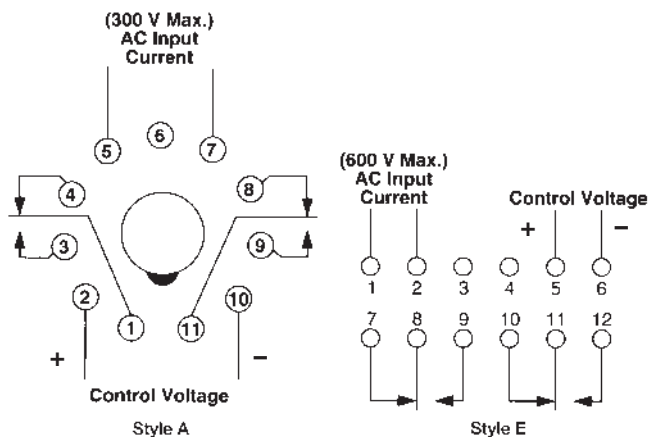
### CMO



## DIMENSIONS (INCHES)



## WIRING



ADJUSTABLE TIME DELAY

AC Over Current Monitor/Relays

## SPECIFICATIONS

CONTROL VOLTAGE	24 or 120 VAC/VDC; 50/60 Hz	
TRIP POINTS	Pick-up	See Order Information
	Drop-out	5% below Pick-up
OUTPUT	DPDT, 10 Amps @ 120 VAC, Resistive	
HYSTERESIS	5%	
RESPONSE TIME	Operate	0.1 to 5 SEC, Adjustable
	Release	0.2 SEC
INDICATOR	LED Glows On Over Current (Style "E" Enclosure Only)	
SOCKET	RB-11 Socket for Style A.	
RESET	Automatic	
TEMPERATURE RATING	Operate	32° to 131°F (0° to +55°C)
	Storage	-49° to 185°F (-45° to +85°C)
ENCLOSURE	Style A	Lexan Dust Cover; 11-pin Plug-in
	Style E	Lexan Surface Mounted; #8-32 Screw Terminals
WEIGHT	Style A: 5 oz. Style E: 13 oz.	

MODEL NUMBER >>>>>	CMO	A	S	
Control Voltage				
24 Volts		24		
120 Volts		120		
Type of Control Voltage				
AC		A		
Enclosure Style				
Plug-In		A		
Surface Mount		E		
Pick-Up Current Range				
0.05 to 0.25 amps. adj. max continuous		3.4 amps		.25
0.2 to 1 amps. 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 (Style E only)		20