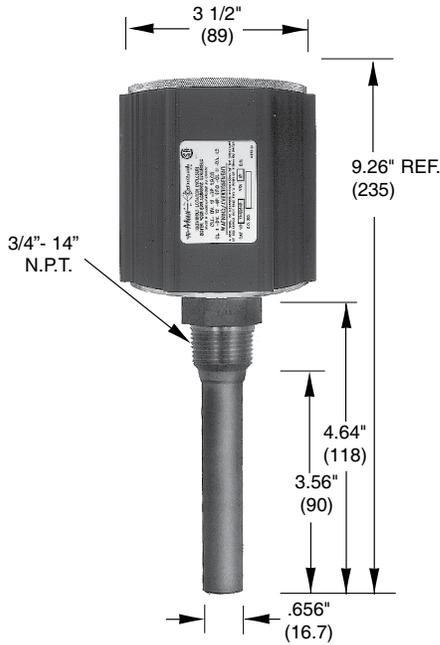


## Series XTF - Thermoswitch® Controllers For Hazardous Locations

The XTF Thermoswitch® is an assembly consisting of a Thermoswitch Unit, well assembly, and explosion-proof junction box designed to meet the UL & CSA requirements of Class I, Groups A, B, C & D, and Class II, Group E, F & G, Division 1 & 2 locations. The sensing element, which is a cartridge-type Thermoswitch Unit, is seated in the well assembly and held in place by a snap ring. The well assembly, in turn, is threaded in to the explosion-proof junction box, giving protection to the controller.



### Fenwal Series 17000

Electrical Rating: 10 Amps @ 120VAC  
 5 Amps @ 240VAC Resistive  
 Pressure Rating: 100 PSIG @ 121°C (250°F)  
 60 PSIG @ 260°C (500°F)



### Series XTF

Temp. Range	Contact Action on Temperature Rise	Catalog Number
37°C to 204°F(-100°F to 400°F)	Opens	XTF17000
37°C to 204°F(-100°F to 400°F)	Closes	XTF17021

**Note:**

Above units can be factory preset and/or locked to any temperature within the range. Check factory for details.

## Percentage Timers

### Application

Type OKT percentage timers (input controllers) are used mainly for pulsing power to metal tubular element radiant heaters. Where load voltage and current ratings exceed the timer contact rating, the timer can be used to switch contactors. Percentage timers cannot be effectively used on quartz lamp radiant heaters.



Figure 1 - Percentage Timer

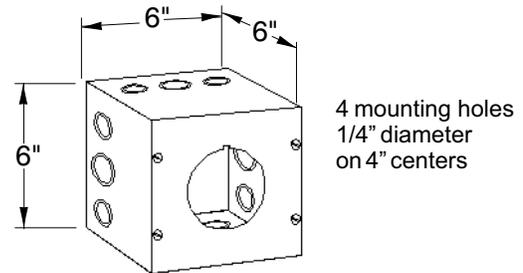


Figure 2 - Surface Mounting Enclosure

### Operation

The OKT features a synchronous motor driven cam which closes a snap action switch for a percentage of 30 second "on" time. The adjustment knob sets the pointer to an "on" time of 0 to 100%. A timer set to 50% (mid scale) would allow full voltage to the heater(s) for 15 seconds and no voltage for 15 seconds thus reducing the average heat output. Standard features include a plug-in style mounting, an electrically isolated pilot light and a cycle progress pointer.

### To Order Specify

Quantity, catalog number and temperature setting.

### Percentage Timer

Fig.	Description	Catalog Number
1	30 second cycle percentage timer 10 Amps 120/240VAC S.P.S.T	OKT3010M
2	Type 1 surface mounting enclosure 6" x 6" x 6"	OKE666

## Series XTF & Percentage Timers