

## 30000 Surface Mount Temperature Controller



- Fully Adjustable
- Overlapping Ranges from 50 - 600°F
- 1200 Watt Resistive Load Rating at 120 Vac/240 Vac
- Narrow Temperature Differential
- Economical
- Compact Size



### Applications

- Appliances
- Vending Machines
- Platens
- Plastic Laminating Presses
- Dental Equipment
- Popcorn Machines
- Hot Stamping
- Food Warming Trays

### Features

The 30000 Surface Mounting Controller operates on the principle of the differential expansion of metals. A temperature increase causes the stainless steel outer case to expand at a greater rate than the internal bridge assembly. Because the case is in direct contact with the heated surface, a temperature change is sensed almost instantaneously. With an increase in temperature, the case expands. This results in a linear change of the internal bridge assembly causing the electrical contacts to open. A decrease in temperature closes the contacts.

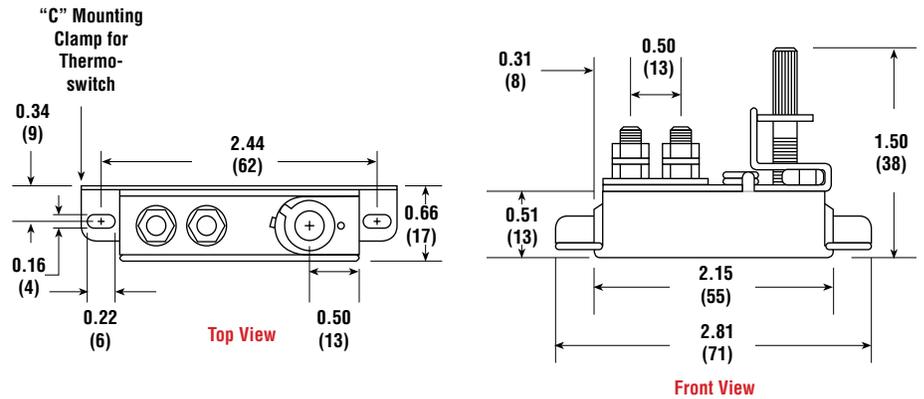
### Specifications

<b>Contact Operation on Temperature Rise</b>	Opens
<b>Material</b>	Stainless Steel case and cover Aluminum bronze adjusting screw Aluminum mounting clamps
	<b>Note:</b> Units shipped with "C" mounting clamp
<b>Current Rating</b>	120 Vac, 10 Amps, 240 Vac, 5 Amps Resistive
<b>Adjustment</b>	30000-000 250°F per full turn 30002-001 575°F per full turn

**Note:** Not for use as a pilot duty contact for a magnetic contactor.

## 30000 Surface Mount Temperature Controller (cont'd.)

### Dimensions



All Dimensions in Inches (mm)

**WARNING: Hazard of Fire.** These controls function as temperature controls only. Because they do not fail-safe, an approved temperature and/or pressure safety control must be used for safe operation.

### Ordering Information

Description	Approximate Temperature Range and Factory Setting Tolerance	Contact Operation on Temp. Rise	Model	Stock	PCN
Adjustable low temperature	50-300°F ± 5F° or 3% of setting value (whichever is greater)	Opens	11-030000-000	S	305293
Adjustable, high temperature	50-600°F ± 10F° or 3% of setting value (whichever is greater)	Opens	11-030002-000	S	305314

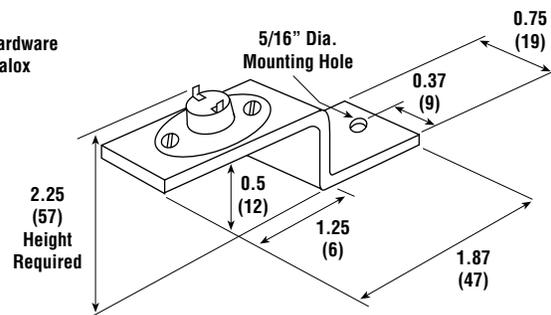
**Stock Status:** S = stock AS = assembly stock NS = non-stock

## SBKT Control Panel Thermostat

- Control Cabinet Temperature Control Applications
- Three Temperature Ranges
- Easy Installation

### Dimensions

**Note:** Leads and mounting hardware provided to mount on Chromalox Strip Heaters



All Dimensions in Inches (mm)

### Description

The SBKT Thermostat is designed for control of temperature in instrument control cabinets. The thermostat assembly consists of a

Therm-O-Disk™ Model 36TX11 Thermostat (5/8" disk) mounted on an oval bracket. The thermostat has tabs for wiring terminals.

### Specifications

**Current Voltage Ratings (Resistive)** ..... 15A @ 120V  
10.5A @ 240V  
9.3A @ 277V

**Ambient Temperature** ..... 350°F Max

### Ordering Information

Model	Opens	Closes	Stock	PCN
SBKT-1	53°F	38°F	S	386011
SBKT-2	75°F	60°F	S	386020
SBKT-3	120°F	106°F	S	386038

**Stock Status:** S = stock NS = non-stock