

# Bulb & Capillary Thermostats

## Remote Sensing

20A CAP Series - Automatic Reset

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### CAP Series

The bulb and capillary thermostats are adjustable or fixed setting, automatic reset controls. The snap action contacts are available as S.P.S.T or S.P.D.T. When the temperature rises, the bulb fluid expands via a capillary tube to an expandable diaphragm within the remote thermostat set point. The thermostats are compact and have ceramic bodies. Accessories include knobs, dials, bezels, plates, screws, compression fittings, reducer bushings and insulation sleeves.

Selco switches are produced in an ISO 9001 certified factory to ensure safe and reliable operation. All models are 100% factory inspected to ensure proper temperature, continuity and function.

### Temperature Limiting Applications

Appliances, Food Service Equipment, Heaters, Test Systems, Water Heaters, Hot tubs & Spas

### Technical Specifications

#### CAP Series

##### Features

Close temperature differential  
High temperature

##### Temperature Range

0° to 752°F (-18° to 400°C)

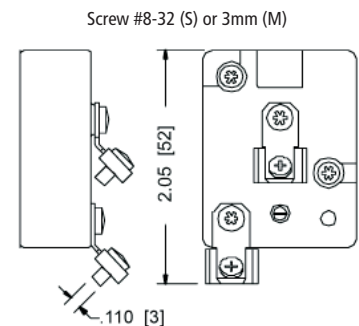
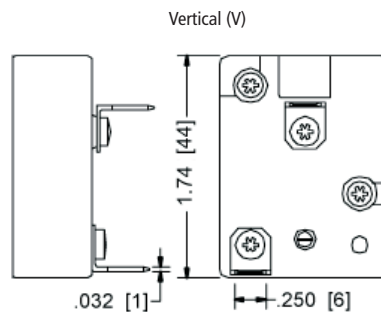
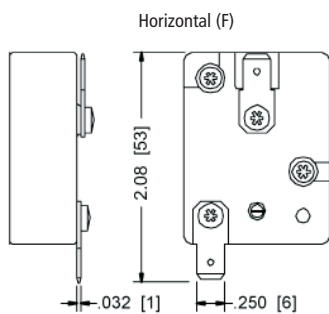
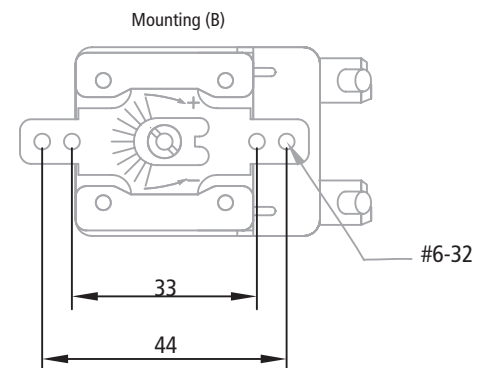
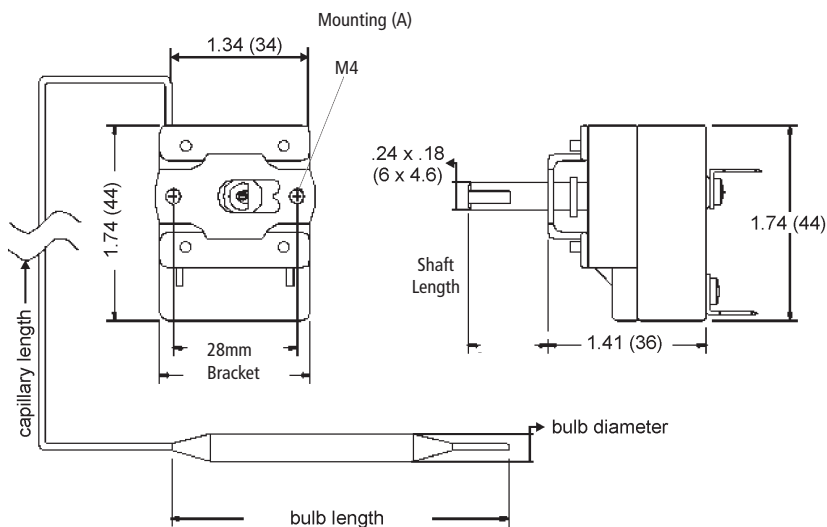
##### Electrical Ratings

120/240 VAC, 20 A, Resistive, 100,000 Cycles  
240 VAC, 2.9 FLA/30 LRA, Inductive, 100,000 Cycles  
1/4HP, 125VA, pilot duty

##### Approvals

UL E168164(S), XAPX2  
c-UL E168164(S), XAPX8

**RoHS**  
Compliant



**selco**

# CAP Series - Automatic Reset

TEMPERATURE RANGE	TOLERANCE	DIFFERENTIAL
0° to 104°F (-18°-40°C)	±3.6°F (2°C)	2.7°±1.8°F (1.5°±1°C)
85° to 195°F (30°-90°C)	±5.4°F (3°C)	7.2°±3.6°F (4°±2°C)
85° to 230°F (30°-110°C)	±7.2°F (4°C)	7.2°±3.6°F (4°±2°C)
122°-392°F (50°-200°C)	±14.4°F (8°C)	12.6°±7.2°F (7°±4°C)
122°-428°F (50°-220°C)	±14.4°F (8°C)	12.6°±7.2°F (7°±4°C)
122° to 482°F (50°-250°C)	±16.2°F (9°C)	12.6°±7.2°F (7°±4°C)
122° to 570°F (50°-300°C)	±16.2°F (9°C)	12.6°±7.2°F (7°±4°C)
140°-752°F (60°-400°C)	±21.6°F (12°C)	16.2°±7.2°F (9°±4°C)

Shaft Length Shaft Diameter ø24 (ø6) X .18 (4.6)		Mounting Bracket Center Holes	
inches	mm	inches	mm
0.52	13	1.1	28/M4 thread
0.71	18	1.3	33/6-32 thread
0.87	22	1.7	44/6-32 thread
•	•	•	•



## Part Number Configurator

**CAP** -  -  -

Set Point Min      Set Point Max      Material      Switch      Termination      Mounting      Fitting

### Set Point Minimum

0-752°F

### Set Point Maximum

0-752°F

### Material

C Copper  
S Stainless Steel

### Switch

S S.P.S.T  
D S.P.D.T

### Termination

V Vertical .250" Quick Connect  
F Horizontal .250" Quick Connect  
M 3mm Screw  
S #8-32 Screw

### Mounting

A 28mm/M4 Thread  
B 33/44mm/6-32 Thread

### Fittings/Stuffing Box

C 1/4" NPT  
D 3/8" NPT  
E Stuffing Box M9  
F Stuffing Box M10  
G None/Other



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