

TB250P ALL-PURPOSE BULB & CAPILLARY TEMPERATURE CONTROLLER

Features & Benefits

- ▶ SPDT switch
- ▶ Suitable for outdoor use
- ▶ Simple dial setpoint
- ▶ NEMA 4X enclosure

Applications

- Heat tracing
- Freeze protection
- Process heating

Specifications

Voltage: Up to 277 VAC

Maximum Amp Load: 22 amps (SPST)

Temperature Control Range: 0°F to 150°F

Temperature Display Unit: Dial setpoint °F

Hysteresis: 5°F (4°C)

Sensor Input: Tinned copper bulb and capillary, 10 ft (3 m) long

Environmental Exposures:

Operating range: -26°F to 140°F (-3°C to 60°C)

Enclosure Dimensions: 2.81 in x 7.38 in x 3.38 in
(71 mm x 188 mm x 86 mm)

Mounting Hole Centers: 2.18 in x 6.10 in (55 mm x 154 mm)

Bulb Dimensions

Diameter	Length
0.30 in (8 mm)	2.5 in (64 mm)



Ordering Information

Part No.	Volts	Amps	Range
TB250P-150	Up to 277	22	0°F to 150°F (-18°C to 66°C)

Accessories

Part No.	Description
TB250P-1BW	0.5 in NPT x 2.38 in (60 mm) copper bulb well

