

**ANALOG TEMPERATURE CONTROLLERS**

**TB4000 High-Capacity Bulb and Capillary Temperature Controller (TB4000 Series)**

- ▶ High amperage load — up to 50 amps per zone
- ▶ Suitable for outdoor use
- ▶ Bulb and capillary
- ▶ Simple dial setpoint
- ▶ Multiple configurations
- ▶ NEMA 4X enclosure
- ▶ Clear viewable plastic door

**Specifications:**

**Voltage:** 120, 240, 277, or 480 VAC with 3-Phase options

**Max. Amp Load:** up to 50 amps per zone

**Temperature Control Range:** 0°F to 150°F, 50°F to 300°F, or 150°F to 650°F

**Temperature Display Units:** Dial Setpoint °F

**Accuracy:** +/- 5°F (+/- 3°C)

**Hysteresis/Differential:** 2% of full scale

**Sensor:** 304 stainless steel bulb and capillary, 10 ft (3 m) long

**Environmental Exposures:**

Operating range: -40°F to 160°F (-40°C to 71°C)

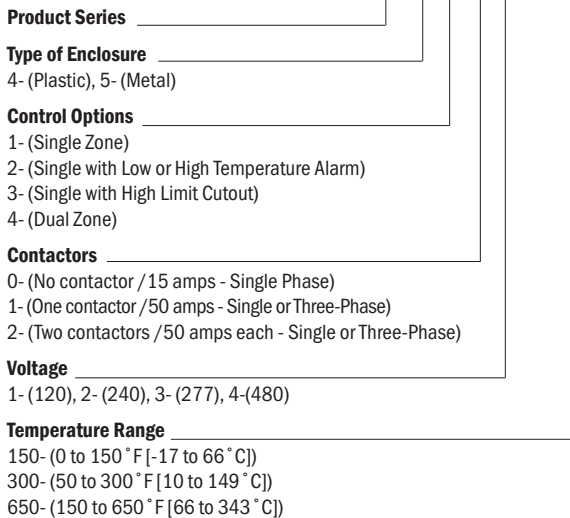
**Enclosure Material:** Plastic or stainless steel

**Enclosure Dimensions:** 5.6 in x 5.2 in x 3.4 in (143 mm x 132 mm x 86 mm)

**Ordering Information:**

**Part Number Matrix**

**TB 4 4 1 2 - 150**



**Bulb Dimensions:**

Temperature Range	Diameter in (mm)	Length in (mm)
0 to 150°F	0.38 (10)	6.88 (175)
50 to 300°F	0.38 (10)	4.38 (111)
150 to 650°F	0.38 (10)	3.63 (92)



**Easy-to-set dial controller within NEMA 4X enclosure**

