

TB4000 High Capacity Bulb and Capillary Temperature Controller

Product Highlights

- ✓ Ideal for high wattage tank and hopper applications
- ✓ Suitable for outdoor industrial use
- ✓ Easily set your desired temperature
- ✓ Bulb and capillary control

Specifications:

- Large amperage capacity: 50 amps per contactor
- 120, 208, 240, 277, or 480VAC
- Enclosure NEMA 4X rated (optional stainless steel enclosure available)
- Industrial strength, clear viewable window cover with secure latches
- 304 stainless steel bulb and capillary, 10 feet (3m) long
- Average accuracy of $\pm 5^{\circ}\text{F}$ (3°C)
- Differential 2% full scale
- Maximum controller exposure temperatures:
-40 to 160°F (-40 to 71°C)

Bulb Dimensions

Temperature Range	Diameter		Length	
	Inches	mm	Inches	mm
0 to 150°F	3/8	10	6 7/8	175
50 to 300°F	3/8	10	4 3/8	111
150 to 650°F	3/8	10	3 5/8	92



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

Ordering Information:

Part Number Matrix

Product Series	TB 4 4 1 2 - 150
Type of Enclosure	4- (Plastic), 5- (Metal)
Control Options	1- (Single Zone) 2- (Single with Low or High Temperature Alarm) 3- (Single with High Limit Cutout) 4- (Dual Zone)
Contactor	0- (No contactor / 15 amps - Single Phase) 1- (One contactor / 50 amps - Single or Three-Phase) 2- (Two contactors / 50 amps each - Single or Three-Phase)
Voltage	1- (120), 2- (240), 3- (277), 4- (480)
Temperature Range	150- (0 to 150°F [-17 to 66°C]) 300- (50 to 300°F [10 to 149°C]) 650- (150 to 650°F [66 to 343°C])

