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 ±5°F (3°C)
- Differential 2% full scale
- Maximum controller exposure temperatures: -40 to 160°F (-40 to 71°C)

Bulb Dimensions

<table>
<thead>
<tr>
<th>Temperature Range</th>
<th>Diameter</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>0 to 150°F</td>
<td>3/8</td>
<td>6 7/8</td>
</tr>
<tr>
<td>50 to 300°F</td>
<td>3/8</td>
<td>4 3/8</td>
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<tr>
<td>150 to 650°F</td>
<td>3/8</td>
<td>3 5/8</td>
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</tbody>
</table>

Bulb Dimensions

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

Ordering Information:

Part Number Matrix

- Product Series
- 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)
- Contactors: 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)]