TC4X Digital Temperature Controller in NEMA4X Enclosure

Product Highlights

- Easy-to-use single-stage digital temperature controller
- Suitable for outdoor and wet-area use
- Backlit LCD display with 3-button touchpad interface
- LED indicates On/Off status
- Displays in °F and °C
- Basic and advanced programming menus
- Parameter adjustment lock allows On/Off set-point adjustments only
- Adjustable anti-short cycle time delay
- NEMA4X/IP67 watertight plastic enclosure *
- Heating or cooling operation
- Applications for heat tracing, freeze protection, process control, surface heating and more

Specifications:

- Power Consumption: 1.8 VA maximum
- Supply Power: 110/120 or 208/230/240 VAC, 50/60Hz
- Ambient Operating Conditions: -40°F to 140°F (-40°C to 60°C), 0 to 95% RH noncondensing
- Temperature Control Range: -40°F to 212°F (-40°C to 100°C)
- Input Signal: 1035 ohm at 77°F (25°C) for A99 PTC sensor
- Temperature Sensor: A99 PTC Sensor 1/4” (6mm) diameter, field replaceable
- Sensor Offset Range: ±5°F or ±3°C
- Single-Pole Double Throw (SPDT) Output Relay: 15A at 110/120 VAC or 10A at 208/230/240 VAC

Ordering Information:

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Volts</th>
<th>Range</th>
<th>Sensor Lead Length</th>
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</thead>
<tbody>
<tr>
<td>TC4X-1</td>
<td>110/120 or 208/230/240 VAC</td>
<td>-30°F to 212°F (-34°C to 100°C)</td>
<td>9” [229mm]</td>
</tr>
<tr>
<td>TC4X-2</td>
<td>110/120 or 208/230/240 VAC</td>
<td>-30°F to 212°F (-34°C to 100°C)</td>
<td>78” [1981mm]</td>
</tr>
</tbody>
</table>

Accessories:

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>41276-04</td>
<td>1/2” (13mm) diameter watertight conduit fitting suitable for NEMA 4 and 6 enclosures. Fits cable 0.17” to 0.43” (4mm to 11mm) diameter.</td>
</tr>
<tr>
<td>A99BB-200C</td>
<td>A99 PTC temperature sensor. 1/4” (6mm) diameter, 78” [1981mm] length.</td>
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</table>

* Requires suitable watertight fitting for electrical connection (sold separately).