


TB250N All-Purpose Bulb and Capillary Temperature Controller

Product Highlights

- ✓ Suitable for outdoor use
- ✓ Temperature control on heat tracing, freeze protection, and process maintenance applications
- ✓ Manually set your desired temperature
- ✓ Bulb and capillary
- ✓ Three temperature range choices to fit your application
- ✓ 



Set-point dial protected within a NEMA 3R enclosure

Specifications:

- Rated 22 amps up to 277VAC
- Differential 6°F (3°C)
- Average accuracy of ±5°F (3°C)
- Enclosure NEMA 3R rated, for outdoor use
- Maximum controller exposure temperatures: -40 to 160°F (-40 to 71°C)
- Tinned copper bulb and capillary, 10 feet (3m) long
- Single pole double throw (SPDT) contacts

Bulb Dimensions

Part Number	Diameter		Length	
	Inches	mm	Inches	mm
TB250N-150	19/64	7.5	2 1/2	63.5
TB250N-250	19/64	7.5	2 1/2	63.5
TB250N-350	3/8	9.5	2 1/4	57.2

Ordering Information:

Part number	Volts	Amps	Range
TB250N-150	Up to 277	22	0 to 150°F
TB250N-250	Up to 277	22	100 to 250°F
TB250N-350	Up to 277	22	200 to 350°F

Accessories:

Part number	Description
TB250N-2BW	½" NPT x 2.8" copper bulb well, for 150 & 250
TB250N-1BW	½" NPT x 2.3" copper bulb well, for 350

