

### Chemical Bath Temperature Control Systems

#### Single-Phase Non-Indicating Thermostat 12/25 Amp Output



##### Design Features

- \* FEP sleeved bulb and capillary for chemical resistance; 5 or 12 ft. available
- \* Double pole, 120 or 240 Volt operation
- \* Enclosure: 3.75" x 5.87" x 3.375" deep  
Mounting centers: 2.62" x 6.25"

##### Standard (Non-Stock) Sizes and Ratings

Part Number	Volts	Amps	Temperature Range	Capillary Length ft (mm)	Shipping Weight Lbs (kg)
TMC11001	120/240	12/25	30° to 220°F	5 (1525)	3 (1.5)
TMC11002	120/240	12/25	200 to 550°F	12 (3660)	3 (1.5)
TMC11003	120/240	12/25	200 to 550°F	5 (1525)	3 (1.5)

Standard lead is 2 to 3 weeks.



**Note:** Amperage is limited to 12A, if operating a heater in series with a Thermal Fuse Protector.

#### 1- or 3-Phase Non-Indicating Thermostat Control Systems: 20 - 125 Amps



##### Design Features

- \* FEP sleeved bulb and capillary for chemical resistance; 5 ft. standard or 12 ft. available
- \* Gasketed plastic enclosure for corrosion resistance
- \* 240 or 480 Volt operation
- \* 3-pole contactor for single- or three-phase operation
- \* 20 - 125 Amp capability

##### Standard (Non-Stock) Sizes and Ratings

Part Number		Volts	Amps	Shipping Weight Lbs (kg)
Temperature Range 30 to 220°F	Temperature Range 200 to 550°F			
TMC11040	TMC11048	240	20	15 (7)
TMC11041	TMC11049	480	20	15 (7)
TMC11042	TMC11050	240	40	16 (7.5)
TMC11043	TMC11051	480	40	16 (7.5)
TMC11044	TMC11052	240	80	24 (11)
TMC11045	TMC11053	480	80	24 (11)
TMC11046	TMC11054	240	125	32 (14.5)
TMC11047	TMC11055	480	125	32 (14.5)

Standard lead is 2 to 3 weeks.

**NOTE:** The control systems listed above have a 5 ft. bulb and capillary, 3-pole mechanical relay, step-down control transformer.

##### Enclosure Dimensions (in.)

	Length	Width	Depth	C-C Length	C-C Width
	A	B	C	D	E
20 to 40 Amps	14.375	9.63	6.25	13.625	6.0
80 Amps	18.0	13.75	7.625	17.0	10.0
125 Amps	20.25	15.75	8.375	19.25	12.0



**Note:** User is responsible for fuses or circuit breaker for main power.