

T series temperature control is a temperature-controlled electric switch, can be directly connected to single-phase A.C. motors of up to about 1KW, or installed in the control current circuit of D.C. motors and large A.C. motors.

T series temperature control has a single pole double throw (SPDT) changeover switch.

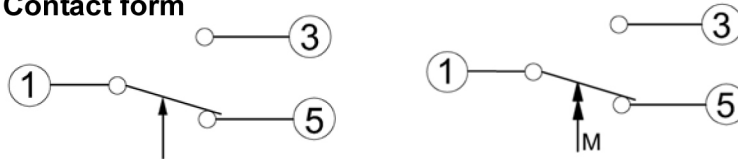
The position of switch depends on temperature control setting and bulb temperature.

Electrical data

Voltage (V)		A.C. 110	A.C.220
Current (A)			
Non-inductive current		24	16
Inductive current	Full load	24	16
	Starting	144	96

The cable entry can be used for 15mm dia.

Contact form



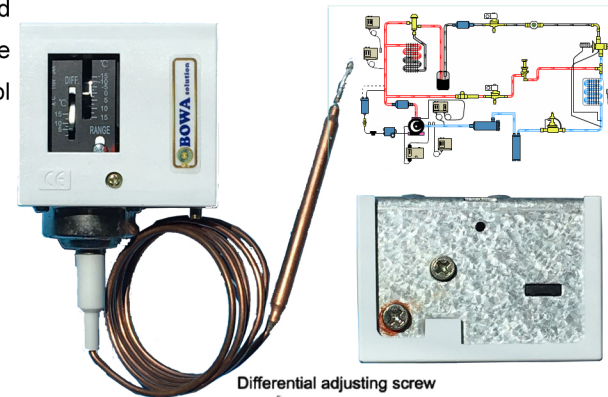
- ① : Common contact
- ① - ③ : Close on temperature rise
- ① - ⑤ : Close on temperature drop
- ↑ M: Manual reset

Model	Adjusting range (°C)	Differential (°C)		Factory set (°C)		Max. bulb temperature (°C)	Bulb size (mm)		Use condition (°C)
		Min.	Max.	On	Off		Length	Diameter	
T70	-70→-35	Low 5 High 3	15	-50	-45	45	80	10	Ts>Tb
T30	-30→0			-19	-14				
T15	-15→15			-5	0				
T40	0→40	5	20	17	20	70	120	12	All
T90	40→90			60	60	120			
T120	70→120			90	95	130			

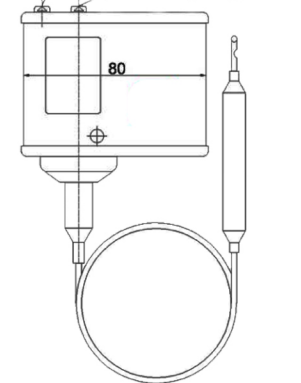
Notes: 1. Ts --- Itself temperature, Tb --- Bulb temperature.

2. Manual reset is optional.

3. Default capillary is 1m, consult with BOWA If any special requirements.



Differential adjusting screw
Temperature adjusting screw



Dimension (Unit: mm)

