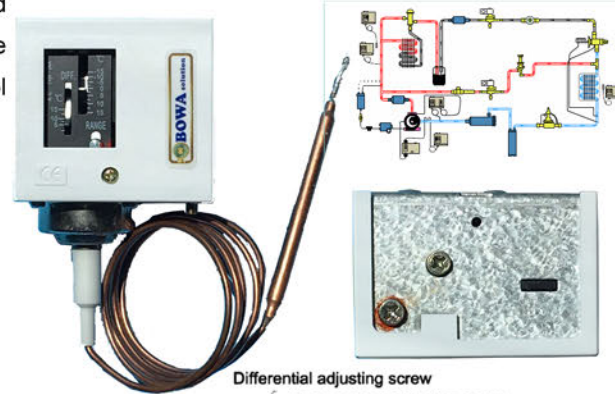


T series temperature control is a temperature-controlled electric switch, can be directly connected to single-phase A.C. motors of up to about 1KW, or installed in the control current circuit of D.C. motors and large A.C. motors.

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.

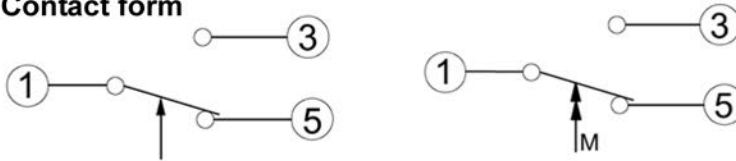


### Electrical data

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

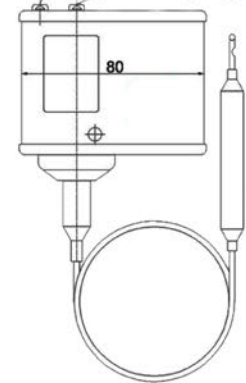
The cable entry can be used for 15mm dia.

### Contact form

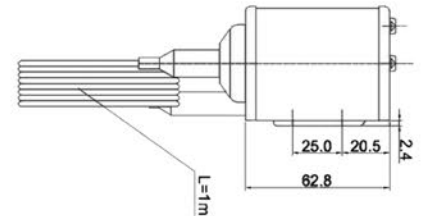


- ① : Common contact
- ① - ③ : Close on temperature rise
- ① - ⑤ : Close on temperature drop
- ↑ M: Manual reset

Differential adjusting screw  
Temperature adjusting screw



Dimension (Unit: mm)



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.

## Introduction

DT differential temperature control is designed to use the differential temperature between two bulbs, when there is temperature differential happened, the signal will be sent out to start the product.

It is used to realize a fixed differential temperature needs in general refrigeration systems. One side is used for the temperature sensing, the other side is used to sent out signal.



Model	Set range	Lowest temperature differential	Working temperature range	Max. bulb temperature
DT40	0°C ~ 15°C	≤3°C	-25°C ~ 40°C	60°C
DT100	5°C ~ 25°C	≤5°C	20°C ~ 100°C	150°C