

## TEMPERATURE CONTROLLER (POTENTIOMETER TYPE)



- 0.5" LED display
- Potentiometer setting
- 0.39" LED display in PTC-25-K-1200 & PTC-25-RTD-199.9

MODEL (Size)	FUNCTION	SENSOR - RANGE	SUPPLY VOLTAGE
<b>PTC - 1</b> (96X96X74) mm	Digital 1-Set Point Control	<ul style="list-style-type: none"> <li>• <b>J</b> (Fe-K) : 1) 0 to <b>200</b>°C 2) 0 to <b>400</b>°C 3) 0 to <b>600</b>°C</li> <li>• <b>K</b> (Cr-Al) : 1) 0 to <b>400</b>°C 2) 0 to <b>800</b>°C 3) 0 to <b>1200</b>°C</li> <li>• <b>RTD</b> (PT100) : 1) - <b>50.0</b> to <b>50.0</b>°C 2) 0 to <b>199.9</b>°C</li> <li>• <b>R,S</b> : 1) <b>1600</b>°C</li> <li>• Linear Input : 1) 4 to 20 mA 2) 0 to 10VDC</li> <li>• Output : 1) - 1999 to 1999 EU 2) - 199.9 to 199.9 EU</li> </ul>	1) <b>230 VAC</b> 2) <b>110 VAC</b> 3) <b>24 VAC / DC</b>
<b>PTC - 3</b> (72X72X74) mm	Digital 1 - Set Point Control		
<b>PTC - 25</b> (48X48X92) mm	Digital 1 - Set Point Control		
<b>BTC - 1</b> (96X96X74) mm	Blind 1 - Set Point Control	<ul style="list-style-type: none"> <li>• <b>J</b>(Fe-K) : 1) 0 to <b>200</b>°C 2) 0 to <b>400</b>°C</li> <li>• <b>K</b> (Cr-Al) : 1) 0 to <b>400</b>°C</li> </ul>	
<b>BTC - 28</b> (48X48X100) mm	Blind 1 - Set Point Control		

- Control Action : On-Off type
- Control Logic : Heat Control
- Relay Output : 1) One change over 1CO
- Two change over (**2CO**) (Optional) (In 1-SetPoint Control)
- Relay Contact 5A, 230 VAC / 24VDC resistive load.
- Accuracy : 1) 1% For J,K,R,S, Sensor and 0.5% for PT 100 in PTC-1, PTC-3, PTC-25
- 2) 2% for J & K Sensor in BTC-1 & BTC-28 model.
- BTC-28 available in 1) **ST** - Screw Terminal Type. 2) **8P**- 8 Pin Plug in type.
- Order Code : MODEL - SENSOR-RANGE-OPTIONAL - SUPPLY.
- For Size (96 x 96 x 74) mm Refer Size (1) table.
- For Size (72 x 72 x 74) mm Refer Size (2) table.
- For Size (48 x 48 x 92)mm Refer Size (3) table.

### OVER ALL MOUNTING DIMENSIONS (in mm)

DIM SIZE	DIM					
	A	B	C	D	E	F
SIZE - (1)	96	96	74	10	92	92
SIZE - (2)	72	72	74	10	69	69
SIZE - (3)	48	48	92	4	46	46