



TEMPERATURE CONTROLLER



MODEL - HK -220TC

SPECIFICATION:

- Input supply 85-275V AC, 50Hz.
- Dual 3 digit 7 segment LED displays
- Upper display shows Temperature (Degree Celsius) value.
- Lower display shows set value
- Potential free output 1 c/o 5A@230v AC
- LED used for indicating the status of Relay ON signal.
- Memory retention 10 years
- Thermocouple(J , K)
- Thermometer (PT100, RTD)
- Eight digit 7segment red color display
- Front panel size 69*69

CONTROL OUTPUT:

- A control output can be a relay, voltage (for driving SSR), or current output, depending on the model.
- 1 relay output 250 VAC, 5 A (resistive load).
- 1 voltage output (for driving SSR) 12 VDC.*
- 2 relay output 250 VAC, 5 A (resistive load). *
- 2 voltage output (for driving SSR) 12 VDC.*

Note: above mention * optional

KEY FUNCTION:

- To change the SET VALUE, press SET KEY.
- Press UP key to increase the value of the blinking digit.
- Press DOWN key to decrease the value of the blinking digit.
- Press the SHIFT key for shift the blinking digit.

SETTINGS:

- Long press on set key to enter the program setting
- SET1: Set temperature point
- SET2: hysteresis

BASIC OPERATION:

- When the present value of Temperature reaches to the SET1 value Relay will switch OFF.
- When the present value of the Temperature decreased to the SET2 value the Relay will switch ON.
- Example: SET1 = 60
SET2 = 55
Relay will switch off greater than 60, and then relay will be switch on less than 55

CONNECTION DETAILS:

1	2	3	4	5	6
PT-100		J-TYPE		-	-

7	8	9	10	11	12
L	N	NO	COM	NC	-