

# TechnoParts

## Electronic Systems & Electro Technical Equipment

### THERM-STC-1000-220-10A

Digital 220V Thermostat -50 to +99°C

#### Features:

- Temperature Controller with LCD display
- Wide temperature measuring range
- Heating and cooling control
- Temperature calibration function
- Delay protection function
- Upper and lower limits of temperature setting
- Included temperature sensor probe



#### Applications:

Freezers, water tanks, refrigerator, industrial chiller, boiler, steamer, industrial equipment's and other temperature-controlled systems

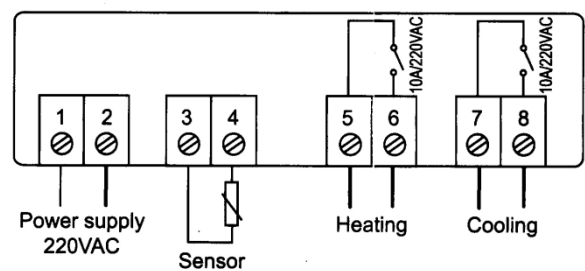
#### Specifications:

- Temperature Measuring Range: -50 ~ 99 deg C
- Accuracy:  $\pm 0.5$  deg C
- Temperature Measuring Error:  $\pm 0.5$  deg C
- Operating Temperature: 0 ~ 50 deg C
- Power Supply: 220Vac
- Working current: Max. 3W
- Relay Contact Current: Heat 10A/250Vac - Cool 10A/250Vac
- Dimensions: 75 X 85 X 35mm
- Sensor: NTC
- Probe size: 21.5 x 4mm(L x D)
- Cable length: 2m

#### Wiring:

- Terminals 1 and 2: Power Supply
- Terminals 3 and 4: Temperature sensor
- Terminals 5 and 6: Heating NO Contact
- Terminals: 7 and 8 Cooling NO Contact

Wiring Diagram



Settings Menu

Code	Function	Set Range	Default
F1	Temperature set value	-50.0 ~ 99.9°C	10.0°C
F2	Difference set value	0.3 ~ 10.0°C	0.5°C
F3	Compressor delay time	1 ~ 10min	3min
F4	Temperature calibration value	-10.0 ~ 10.0°C	0°C