XY-WT01 Temperature Controller Digital LED Display Heating/Cooling Regulator Thermostat Switch

Parameters:

1>.Product Name:Digital Temperature Controller

2>.Product Number:XY-WT01

3>.Working Voltage:DC 6V-30V

4>.Control Load Current:10A(Max)

5>.LCD refresh rate:0.5 second

6>.Temperature Sensor:NTC-10K B3950

7>.Test temperature: -50~110℃

8>.Control precision:0.1℃

9>.Sensor length: 0.5 meter

10>.Sensor probe specifications:4*30mm Stainless steel

11>.Physical dimension:79*44*26mm

12>.Operating Humidity:5%~95%RH

Product functions

1. Heating mode 'H'.

When the detection temperature ≤ the set temperature - return difference temperature, the relay is on, and the heating equipment starts to work.

When the detection temperature ≥ setting temperature, the relay is disconnected and the heating equipment stops working.

2. cooling mode 'C'.

When the detection temperature ≥ the set temperature + return temperature, the relay is on, and the cooling equipment starts to work.

When the detection temperature ≤ the set temperature, the relay is disconnected and the refrigeration equipment stops working.

3. High temperature alarm function ALA.

When the actual temperature ≥ alarm temperature, the system turns on the sound and light alarm, and disconnects the relay, any key to stop the sound and light.

4. delayed start OPH.

When the completion of a normal heating or cooling work, the system starts timing T, only when T ≥ OPH, the system can carry out the next round of heating or cooling work.

5. Temperature correction function OFE(-10.0~10.0℃).

system working for a long time, deviations may occur, corrected by this function, the actual temperature = measured temperature + calibration value.

6. Parameter remote reading/setting.

Parameters such as start temperature, stop temperature and temperature correction can be set through UART.

7. Real-time temperature reporting.

If the temperature reporting function is enabled, the product transmits the detected temperature to the terminal via UART at 1s interval, which facilitates data collection.

8. Relay enable (default on).

If relay enable is turned off, the relay remains disconnected.

9. Restore factory settings.

Press the STOP, SET keys simultaneously for more than 3S to restore the factory settings.Product functions.

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Feature:

Model: XY-WT01
Working principle: Electronic thermostat
Power: 250V10A
Thermostat temperature range: 110 ° C

Features:

1. Heating mode H
2. Cooling mode C
3. Temperature real-time reporting
4. Parameter remote read / set
5. One-button emergency stop
6. High temperature alarm function ACA: sound and light alarm
7. Delayed start OPH: 0~9999 minutes
8. Temperature correction function OPE: -10~10°C
9. Reply to factory settings

220V wiring mode

OUT 30.2°C
H35.5

ELECTRONICS THERMOSTAT XY-WT01

Load

Zero line

AC 220V

Fire line

− +

DC 6.0~30V

Temperature range -50~110 ℃

Temperature control accuracy 0.1℃

OUT 30.2℃ H35.5 ELECTRONICS THERMOSTAT XY-WT01

Heating and cooling   LCD

Accurate temperature control

Product Name: digital temperature controller

Product model : XY-WT01

Power supply : DC6.0~30V

Temp range : -50°C~110°C

Control accuracy : 0.1°C

Measurement input : NTC10K/B3950

Refresh frequency : 0.5second

Output type: relay output 10A

Type of probe: L:0.5 meter of waterproof probe

DC6.0~30V wiring mode

When the OPA is delayed, the interface will display 'h'.