



Housing Material	Plastic (IP22)
Temperature Range	-50 ... 110 °C
Working Mode	Heating and Cooling
Temperature Accuracy	0.2 °C
Measuring Accuracy	0.1 °C
Input Measurement	NTC 10K, 1 meter waterproof probe
Input Power Supply	12V DC / 24V DC / 230V AC
Output Power	120W, Direct 2 point On/Off output
Output Current	Max. 10A
Size	60X45X31mm
Mounting	DIN-Rail / Wall Surface

- >When connect to power supply, press the UP and DOWN buttons at the same time more than 3 seconds, display show 888
- >If display LLL. means the sensor is fault, need to check the sensor.
- >If display HHH, means the temperature is above the range
- >Display always shows the real-time temperature

- >Start temperature < Termination temperature will be Heating mode
- >Start temperature > Termination temperature will be Cooling mode

Models	Power Supply
XH-W3002-12	12 VDC
XH-W3002-24	24 VDC
XH-W3002-230	230 VAC

P0: Set Start temperature

Press the setting button, enter the internal menu, the default display for the P0, and then click the settings button, use up and down buttons to set the starting temperature.

P1: Set stop temperature

Press the setting button, enter the internal menu, the default display for the P0, use up and down button to change to P1, and then press the settings button, use up and down buttons to set the starting temperature

P2: Set temperature calibration

Press the setting button, enter the internal menu, use up and down buttons to change to P2, press the set button again, use the up and down button to do the calibration.

If the detection temperature is above the actual temperature of 0.5°C, need to set the calibration temperature is 0.5°C

If the detection temperature is below the actual temperature of 1°C, need to set the calibration temperature 1°C

P3: Set delay start

Press the setting button, enter the internal menu, use up and down buttons to change to P3, press the set button again, use the up or down button to set delay time(Minutes).

To control a water heater, heated water to 65 degrees to stop, when the temperature dropped to 50 degrees to start heating again

The first step: Determine the working mode for the heating mode, start the temperature

The second step: Long press "up" button, start temperature digital flash, set the starting temperature of 50 degrees

The third step: long press the "down" button to terminate the temperature digital flashing, set termination temperature of 65 degrees.

When setting the heating mode, if the set temperature value is set to the opposite, the output indicator will not light, the load will not work. If the above situation occurs after setting, you can check whether the set temperature value has the opposite.

