

The Digital thermostat specification XH - W1209

1. The technical parameters

Control range: - 50 to 110 °C

Resolution: -9.9 to 99.9 at 0.1 °C & other temperature section at 1 °C

Temperature measuring accuracy: 0.1 °C

Control Accuracy: 0.1 °C

Accuracy of difference: 0.1 °C

Refresh rate: 0.5 S

High temperature alarm: 0-110 °C

Input power: DC 12V

Measuring input: NTC (10K 0.5%) waterproof type sensor

Relay Output: 10A

Environmental requirements: - 10 to 60 °C, humidity 20% to 85%

Size: 48 * 40 mm

The machine power consumption:

Static current: ≤ 35 MA

Attracting current: ≤ 65 MA

2. Use method

Connect the power supply and load, for a power supply, the controller can be displayed for measuring temperature, according to a SET key, the screen flashing temperature; Press + - to SET the required temperature, SET according to a SET confirmed return, after

the completion of the controller according to the SET automatically relay on and off!

The thermostat for 10 A output relay, meet all kinds of high power load, please ensure that the circuit is correct.

3. The indicator lights, digital tube status

Light: light off shows relay disconnect, normally on show that the relay has closed

For sensing: digital tube display “LLL”; display “HHH” is beyond the measuring range thermostat will force disconnect relay

4. The parameter function

Long press SET 5 seconds can be set to enter the main menu; press + - switching P0...P6 long press SET or 10 seconds without buttons controller automatically confirm return.

Setting Table

code	Code instructions	Setting range	Factory set-up
P0	Refrigeration/heating	C/H	C
P1	Return difference set	0.1-15	2
P2	Limit the highest value (temp. control)	110	110

P3	Limit the lowest value(temp. control)	-50	-50
P4	The temp. calibration	-7.0-7.0 °C	0
P5	Delay start time	0-10 minutes	0
P6	High temp. alarm	0-110 °C	off
Long press “+” to start up can restore the factory defaults.			