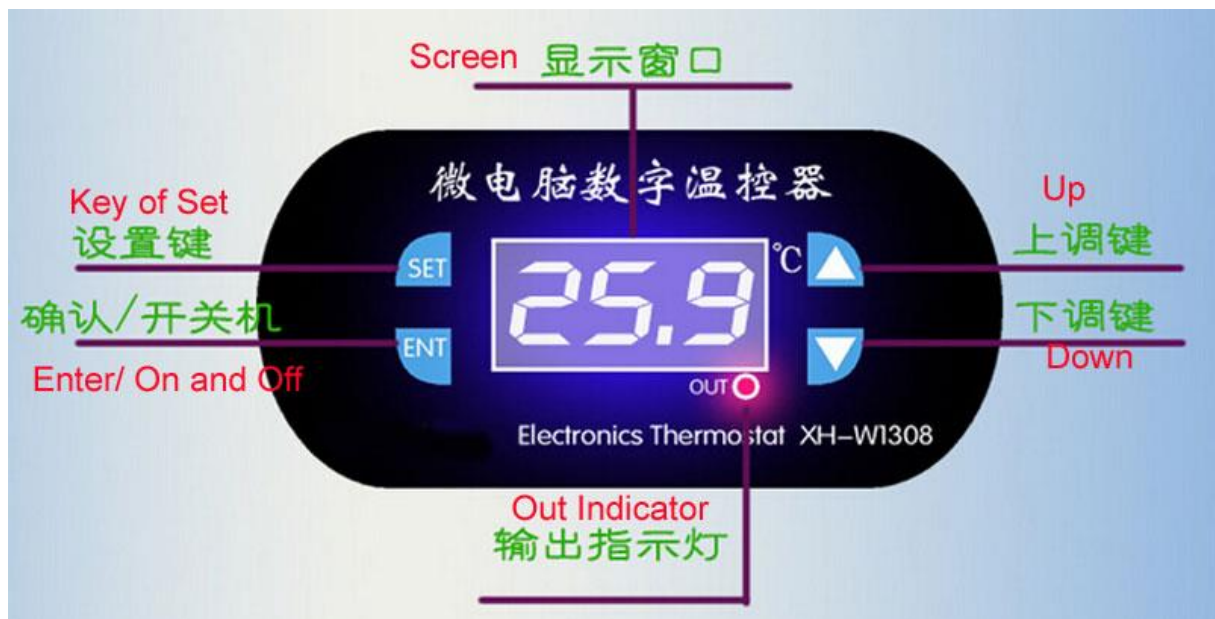# Digital Thermostat Module Model XH-W1308

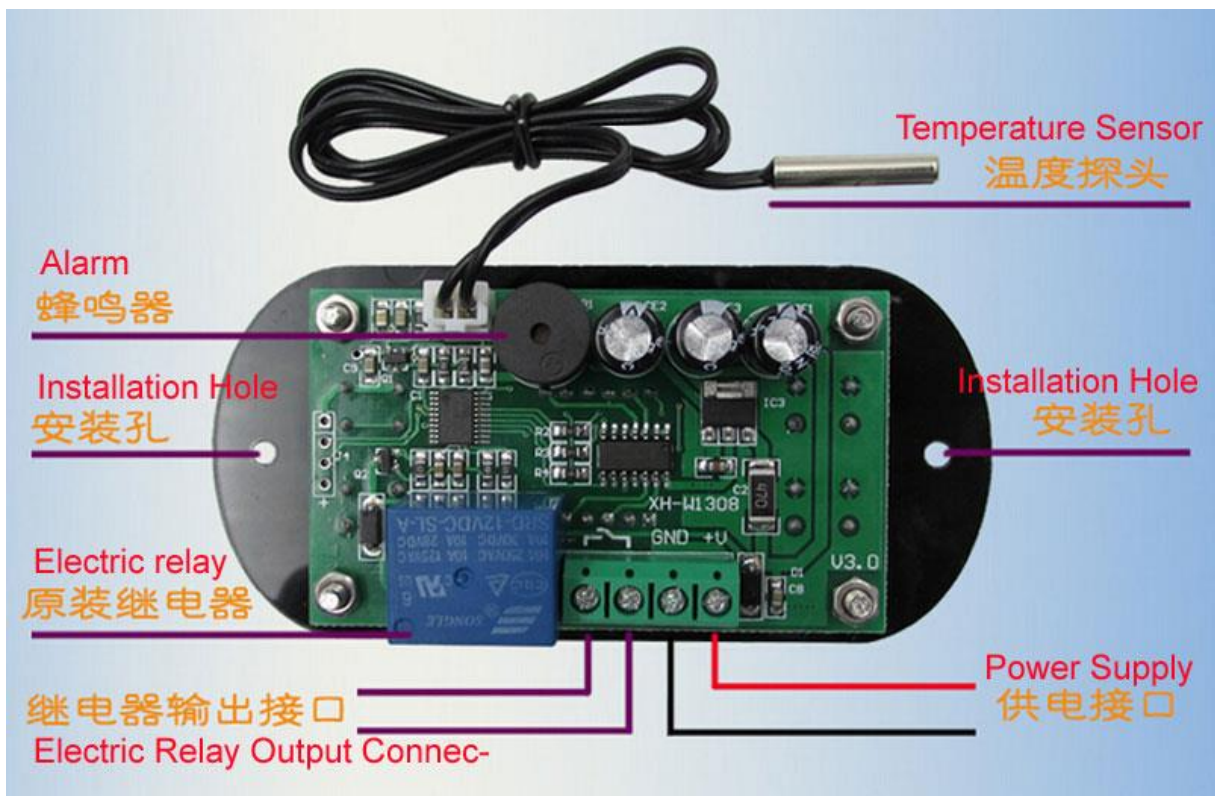

- Description: Digital Thermostat Module
- Model:XH-W1308
- Thermostat Range: -55℃ to 120℃
- Thermostat Accuracy: 0.1℃
- Screen Color: Blue or Red
- Power Supply: 5V/12V/24V, 220V;
- Output: Max 10A
- Temperature Probe Wire: 0.5meter, waterproof
- Whole Size: 100x48x28mm
- Screen Size:37x18mm
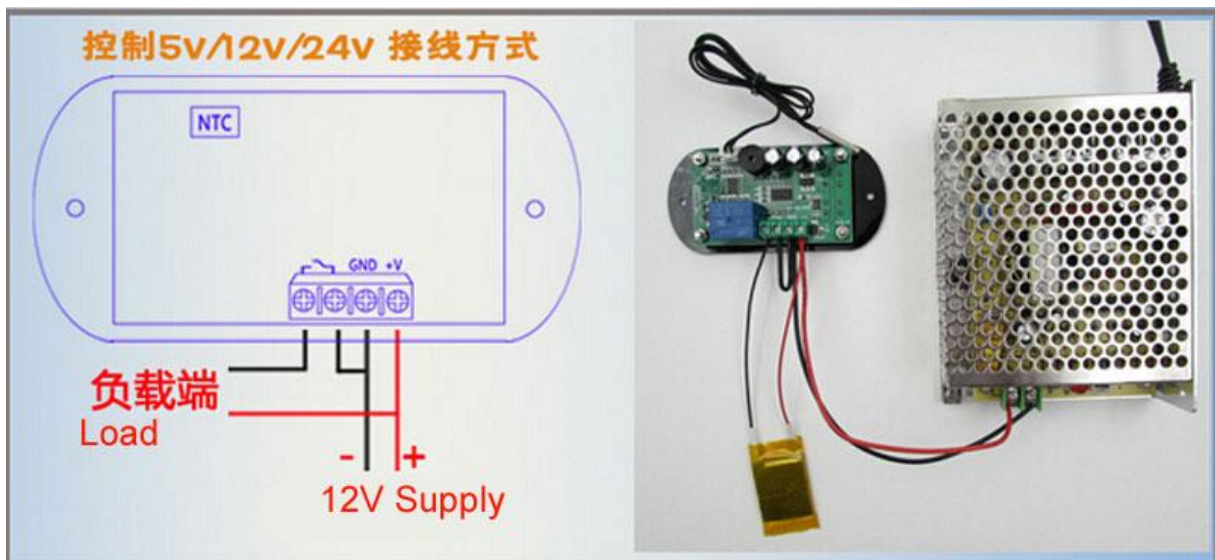- Flush/embed Size: 71x41mm
- Hole Distance: M3/86mm

Display navigation

Module

Temperature Sensor
温度探头

Alarm
蜂鸣器

Installation Hole
安装孔

Installation Hole
安装孔

Electric relay
原装继电器

XH-W1308

GND +V

V3.0

继电器输出接口
Electric Relay Output Connec-

Power Supply
供电接口

Wiring

控制5V/12V/24v 接线方式

NTC

GND +V

负载端
Load

- +

12V Supply
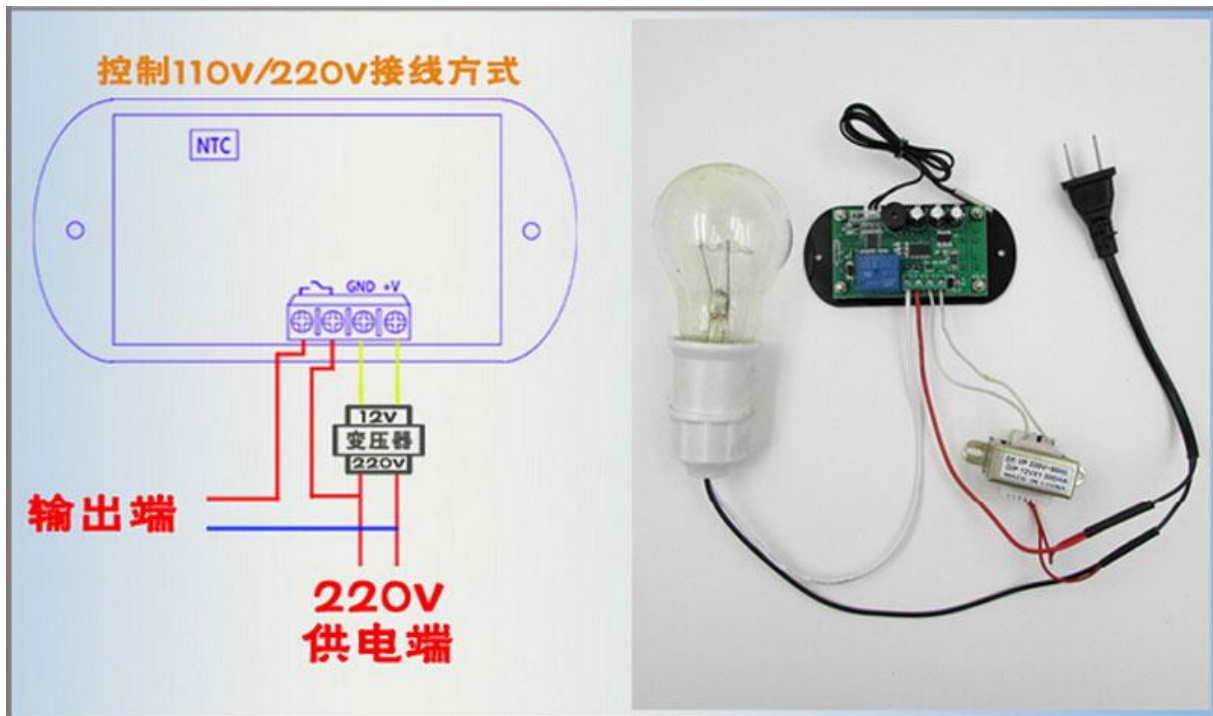
Operation

Code	Indicating	Set range	Inital Setting
P0	Mode set	H/C	C
P1	Return Difference Setting	0.1-30	2.0
P2	Up limit	+120	120
P3	Down limit	-55	-55
P4	Temp. adjust	+10 to -10	0
P5	Delay Time Start	0-10 minutes	0
P6	High temp.alarm	-50-120	off
P7	Data Lock	on/off	off
P8	Inital setting	on/off	off

How to set temperature?

When you switch on,the real temperature will be displayed; Push "SET" one time,the screen flash,and then push arrow(up or down) to set temperature;

How to enter more SETTING?

Long Pushing "SET"(5s)to enter more setting;And push "ENT" to confirm and return last menu;In the normal working,Long pushing can lead to Switching Off;

PO:Working mode

When you are first time to use this digital thermostat module,you must set to be "PO";If works for heating,set to be "H";If working for cooling,set to be "G";

P1: temperature range value

For example: set Heating mode,temperature 37℃-40℃,then the value is 3.

P2-P3:to set temperature range for thermostat

P4:Adjust temperature error

This function is to adjust temperature error.If there has some error between real temperature and tested temperature,you can use this function. The adjusted value=tested value + adjusted value. For example,we tested temperature 25.6℃,but real temperature is 25.8℃,then you can set P4 to be 0.2,then the final temperature is 25.6℃+0.2=25.8℃;

P5:Delaying start

This function is used for compressor refrigerating.If you want this device to use on the refrigerator,then this value must be set.Accoring to compressor returning pressure,generally set 3-6minutes;If you don`t to control compressor,or don`t need delaying function,please skip this set.

P6:Alarm for high temperature

When the real temperature is over than the set value,the screen will show "HHH" and the buzzer will alarm sound "di di di",at the same time,will cut off output to protect electric circuit.

P7:Value lock.

To prevent other people to modify the setting.After you set all values,you can enter "P7",and set to be "On",then,all values couldn`t be modified,unless enter "P7" again to set to be "Off";

P8:Recovery all value to be inital state.