

参数功能说明:

The Description of Parameters Function:

长按 SET 5 秒可进入主菜单设定,按 SET(+)/C/F(-)切换 P0-P8,Please press the button SET for 5 seconds and then it can enter to the main menu of setting, pressing SET(+)and C/F(-)can switch to P0-P8.

在调整 P0-P8 参数时,如需要调整 P0 时,同时按 SET(+)/C/F(-)一次,P0 数值闪烁,按 SET(+)/C/F(-)调整,调整 OK 后,再同时 SET(+)/C/F(-)一次确认,P1-P8 同 P0 一样,根据自己需求设置每个代码里面的参数。

About the adjustment of parameters P0-P8, when you need to adjust P0, firstly please press SET(+)and C/F(-)at the same time, and the P0 figure will flash, secondly please press SET(+)and C/F(-)to adjust, if done, please press SET(+)and C/F(-)at the same time to confirm, P1-P8 which can be set the parameters of each code similar like P0 according to the needs of their own.

C/F 键为华氏度或摄氏度转换键:

The key C/F is use for switching Fahrenheit and Celsius

按下 C/F 键一次,显示 F/ 华氏度模式,再按 C/F 键一次,显示为 C/ 摄氏度模式,出厂为 C/ 摄氏度模式。(注:如有客户在使用温度误差大时,可能您正在 F 模式下)

Press the key C/F once,and it will manifest F(Fahrenheit mode),and then press the key C/F once again,it will show C(Celsius mode),the default mode is C(Celsius mode),if there is a big temperature error when you use it,maybe it is F mode.

设置举例:

Example of setting:

如需要控制制冷设备

If you need to Control the refrigeration equipment

1:请将代码 P0 里面设置为 C 模式:

1:Please set to C mode in the code P0:

2:在显示实际温度情况下按一下 SET,下面的设置文字数字闪烁,

然后 SET(+)/C/F(-)来设定制冷停止温度,如 25 度,设定完成后等 3 秒自动确认返回。

2:In the case of manifesting the actual temperature you should press

the key SET, and the following digital of setting will flash,then press

C/F(+)-and SET(-)to set the stop cooling temperature,after setting

please wait for 3 seconds, it will automatically confirm and return,

使用方法:

Methods of Use:

连接好供电和负载(见接线图),即可为控制器供电,此时上面红色显示为测量温度,下面蓝色(也可是红色)显示为所需设定温度

After Connecting to the power supply and load (referring to the wiring diagram), you can supply power for the controller, the color red manifest for measuring temperature, the following color blue (or red) as required to set the temperature

在显示实际温度状态下按一下 SET, 下面的设置文字数字闪烁(下面的设置温度闪烁),然后 SET(+)/C/F(-)来设定所需设定温度,设定完成后等 3 秒自动确认返回,此时控制器按设定温度自动执行继电器通断,该温控器额定输出为 12V20A 继电器,满足各种大功率负载,请确保线路正确。

In the case of manifesting real temperature and please press the button set, the setting text digital will flash, after Completing the setting, please wait for 3S, It will return automatically,at this time controller will automatically disconnect Relay according to the preset temperature, the this relay output is 12V/20A, and it can meet all kinds of large power load, please make sure the line is correct.

指示灯、数码管状态说明:

The Description of Light and Digital:

指示灯:熄灭表示继电器断开,亮表示继电器已闭合

Light: The light off means Relay is disconnected,and the light on means that the Relay has connected.

数码管:上面显示 "LLL" 为传感器开路。显示 "HHH" 为超出测量范围温控器会强制断开继电器,显示 "---" 为过温保护

Digital: The sign"LLL" is the open circuit of sensor and the sign "HHH "means over the measuring range ,the controller will forcibly disconnect Relay, the sign "---" means high- temperature protection

W2809 功能说明

Function Description of W2809

测温范围:-50℃ ~ 110℃

Temperature Measurement Range:-50℃ ~ 110℃

测量精度:± 0.1℃

Measurement Accuracy:± 0.1℃

控制精度:0.1℃

Control Accuracy:0.1℃

回差精度:0.1℃

Return Difference Accuracy:0.1℃

高温保护:0-110℃

High-temperature Protection:0-110℃

输入电压 DC 12V

Input Voltage: DC 12V

输出:一路 20A 继电器

Output:20A Relay

测量输入:NTC(10K 0.5%)防水型传感器

Measurement Input:NTC (10K 0.5%)water proof sensor

规格尺寸:48mm(长)*29mm(宽)*32mm(深)

Size:48 mm(length)*29mm(width)*22mm(depth)

开孔尺寸:46*26.5mm

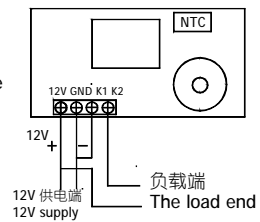
Opening size:46*26.5mm

代码说明

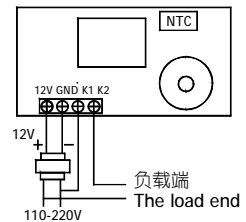
Code Description:

代码 / Code	说明 / Explanation	设定范围 / Setting Range	出厂设置 / Factory Setting
P0	加热 / 制冷 Heating/Cooling	H/C	C
P1	回差 Return Difference	0.1-30℃	2.0℃
P2	设定限制最高 Setting Limits to the Maximum	+110℃	110℃
P3	设定限制最低 Setting Limits to the Minimum	-50℃	50℃
P4	温度校正 Temperature Correction	+15 ~ -15℃	0℃
P5	延时启动 Delay Start	0-10 分钟 0-10minutes	0
P6	高温报警 High-temperature Alarm	-50℃ -110℃	OFF
P7	摄氏度 / 华氏度 Fahrenheit/Celsius	CS/FH	CS
P8	恢复出厂设定 Factory Reset	ON-OFF	OFF

12V 接线方式
12V connecting mode



110-220V 接线方式
110-220V connecting mode



3: 回差设定:

长按 SET 5 秒可进入主菜单设定, 按 STC(+)/C/F(-) 切换到 P1, 调整 P1 时, 同时按 SET (+) 和 C/F(-) 一次, P1 里面的数值闪烁, 按 SET (+)C/F (-) 设置回差值 (回差是代表是隔多少度启动, 如刚才停止温度设置是 25 度, 需要 22 度启动, P1 代码里面就设置为 3 度, 就是 25 度设置停止温度 - 3 度回差 = 22 度启动), 调整 OK 后, 再同时 SET (+) C/F (-) 一次确认。

3: Return difference setting:

Firstly please press the key SET for 5 seconds, and it will enter the setting main menu, secondly press SET (+) and C/F (-) to switch into P1, when switching into P1, please press SET (+) and C/F (-) once at the time, the P1 figure will flash, then please press SET (+) and C/F (-) to set to difference value (return difference means that you should add several degrees to start, for instance, if it stops when the stop setting temperature is 25 degrees, you should need to set the heating temperature to 22 degrees, the value in the code P1 should be set 3 degrees, so the return difference value is 3 degrees), after finishing that, finally please press SET (+) C/F (-) at the same time to confirm.

4: 以上步骤设置完, 数据自动保存, 最后结果是, 在控制加热设备时, 低于 22 度启动制热, 制热到 25 度停止。

4: When the above steps are set up, the data are automatically saved, so as controlling the heating equipment, it will start heating system less than 22 degrees, and it will stop heating when the temperature is 25 degrees.

3: 回差设定:

长按 SET 5 秒可进入主菜单设定, 按 SET (+)C/F(-) 切换到 P1, 调整 P1 时, 同时按 SET (+)C/F(-) 一次, P1 里面的数值闪烁, 按 SET (+)C/F (-) 设置回差值 (回差是代表是隔多少度启动, 如刚才停止温度设置是 25 度, 需要 28 度启动, P1 代码里面就设置为 3 度, 就是 25 度设置停止温度 + 3 度回差 = 28 度启动), 调整 OK 后, 再同时 SET (+)C/F (-) 一次确认。

3: Return difference setting:

Firstly please press the key SET for 5 seconds all the time, and it will enter the setting main menu, secondly press SET (+) and C/F (-) to switch into P1, when switching into P1, please press SET (+) and C/F (-) once at the time, the P1 figure will flash, then please press SET (+) and C/F (-) to set difference value (return difference means that you should add several degrees to start, for instance, if it stops when the stop setting temperature is 25 degrees, you should need to set the cooling temperature to 28 degrees, the value in the code P1 should be set 3 degrees, so the return difference value is 3 degrees), after finishing that, please press SET (+) C/F (-) at the same time to confirm.

4: 以上步骤设置完, 数据自动保存, 最后结果是, 在控制制冷设备时, 高于 28 度启动制冷, 制冷到 25 度停止。

4: The above steps are set up, the data is automatically saved, and the final result is, in the control of refrigeration equipment, higher than 28 degrees to start the refrigeration, refrigeration to 25 degrees will stop.

如需要控制在加热设备:

If you need to control the heating equipment:

1: 请将代码 P0 里面设置为 H 模式:

1: Please set H mode in the code P0.

2: 在显示实际温度情况下按一下 SET, 下面的设置文字数字闪烁, 然后 SET (+)C/F (-) 来设定制热停止温度 / 如 25 度, 设定完成后等 3 秒自动确认返回。

2: In the case of manifesting the actual temperature you should press the key SET, and the following digital of setting text will flash, then press C/F (+) and SET (-) to set the stop heating temperature, after setting please wait for 3 seconds, it will automatically confirm and return.