

How to use:

Connect the power supply and equipment, you can power the controller, this time to display the measured temperature, press the SET button once, the display temperature flashing, press + – to set the required temperature (press + – can quickly lift) set Press SET to confirm the return after the completion of the controller at this time by the automatic implementation of the relay off! The thermostat output 20A relay, to meet a variety of high-power load, connect the control circuit power supply to the thermostat, when the ambient temperature display,

four LEDs, LED and buzzer status Description

indicator: flashes to indicate cooling or heating start-up delay, Always indicate the relay is closed

digital: showing LL sensor open, please follow the instructions to connect the sensor; HH is displayed outside the measuring range thermostat will forcibly disconnect relay; Display — for high temperature alarm

Δ, the parameters of functional description

Press and hold the SET for 5 seconds to enter the main menu. Press + – toggle P0 ... P6, press and hold the SET or 10 seconds without the key. The controller automatically returns.

P0 refrigeration, heating mode:

Long press SET 5 seconds display P0, press SET to set the operating mode, press the + – [H switched to heating mode to cooling mode] [C] press SET to return, long press SET or 10 seconds without The key action controller is automatically acknowledged.

In the cooling mode: When the temperature measurement value \geq temperature set point, the refrigerant relay pulls, the refrigerator starts; when the temperature measurement value \leq temperature set point – hysteresis, the refrigeration relay is disconnected and the chiller is closed.

In the heating mode: When the temperature measurement value \leq temperature set point, the heating relay pulls, the heater starts; when the temperature measurement value \geq temperature set point + hysteresis, the heating relay is disconnected and the heater is closed.

P1 hysteresis setting:

press SET 5 seconds display P0, press + – to switch to P1, set back the difference between the time you press SET, press + – to set the hysteresis from 0.1 to 15, press SET to return after the completion of a long press SET Or 10 seconds without key action The controller automatically confirms the completion.

In the cooling mode: When the temperature measurement value \geq set value, the relay pulls up, the chiller starts; when the temperature measurement value \leq set value – hysteresis value, the relay is disconnected and the chiller is closed.

For example, the environment is 30 °C set value of 25 °C, the hysteresis is set to 2 °C, after the relay closed the refrigerator to start, when cooled to 23 °C, the relay off the refrigerator closed, this time because the refrigerator has been broken When the temperature starts to rise, when the rise to the set value of 25 °C, the relay closed the refrigerator to start again, so repeatedly control the temperature is not higher than 25 °C.

In the heating mode: When the temperature measurement value \leq set value, the relay pull, the heater starts; when the temperature measurement \geq set value + hysteresis value, the relay is off, the heater is turned off.

For example, the environment is 10 °C set value of 25 °C, the hysteresis is set to 2 °C, after the relay closed heater start, when heated to 27 °C, the relay off the heater off, this time because the heater has been broken The temperature begins to drop, and when it drops to the set value of 25 °C, the relay closes the heater to start again, so that the cycle control temperature is not lower than 25 °C.

P2 the maximum temperature limit is set:

To avoid misuse of others lead to the set temperature is too high risk, the highest setting of the thermostat capping defining the control thermostat setting range maximum temperature set point.

Press SET for 5 seconds to display P0, press + to switch to P2, press SET once to set the maximum upper limit, press + – to set the maximum settable temperature, the maximum value is 110, press SET once to finish, press SET or 10 Seconds without key action The controller automatically confirms the completion.

For example: Set to 60 Temperature Set Point Max can only be set to 60 °C If you want to set the temperature setting point higher temperature range, you need to adjust the upper limit of the set value.

P3 set minimum temperature limit:

To avoid the misuse of others lead to the occurrence of ice blocking temperature is too low, there is the lowest of the thermostat set lower limit function, defining the scope of the thermostat setting controls the minimum temperature set point.

Press SET for 5 seconds to display P0, press + to switch to P3, press SET once to set the minimum lower limit, press + – to set the lowest settable temperature, the lowest value is -50, press SET once finished, press SET or 10 seconds without key action The controller automatically confirms the completion.

For example: set to 2 temperature set point can only be set to a minimum of 2 °C If you want to set the temperature lower temperature range, you need to adjust the lower limit of the set value.

P4 temperature correction:

When the measured temperature and the standard deviation of temperature or because the user hardware has special needs, you can use this function to correct temperature corrected before correction + = temperature correction effective range of -7.0 to 7.0.

Press SET for 5 seconds to display P0, press + to switch to P4, press SET once to correct, press + – to set the correction value, press SET once to return, press SET or 10 seconds without key action. The

For example, the normal display is 25 degrees; 25 degrees when the temperature correction is 0; 26.5 degrees when the temperature is corrected to 1.5; 23.5 when the temperature is corrected to -1.5.

P5 delay start time (unit: min):

When refrigeration or heater work required delay can be turned on delay function to protect the life of the equipment.

Press SET for 5 seconds to display P0, press + to switch to P5, press SET once to set the delay start time unit is minutes, press + – to set 0-10 points, press SET once to finish, press SET or 10 seconds no keystrokes controller automatically confirm the completion of

the cooling mode: the first power if the current temperature \geq set value, cooling chiller does not start immediately, you need to run after the set delay time starts.

In the heating mode: the first power, if the current temperature \leq set value, the heater will not start heating immediately, need to run the set delay time after the start.

The chiller starts immediately when the shutdown time between the two starts of the chiller or heater is greater than the delay start time setting.

When the shutdown time between the two starts of the cooler or heater is less than the delay start time setting, the device can be started after the start of the cooler delay time. The delay time is calculated from the moment of downtime.

For example, in the cooling state, set the delay of 5 minutes, after the start of the refrigerator after the start delay, 5 minutes after the opening of the refrigerator when the required temperature to reach the cooler to stop, then start timing, when the next choke start time immediately Work, not finished timing to wait until the end of time to work, delay LED indicator light flashes.

When the delay start is set to 0, it is equal to the off delay function.

بازیابی به تنظیمات کارخانه در مازول ترموستات دیجیتال XH-W1209 دارای نمایشگر و کلیدهای کنترلی:

Restore factory settings:

some man-made causes internal thermostat setting confusion, one by one to set the time-consuming, then use this function to restore the factory settings, the specific method is: In the off state, while holding down + And – press the key, and then turn on all the above parameters to the factory settings