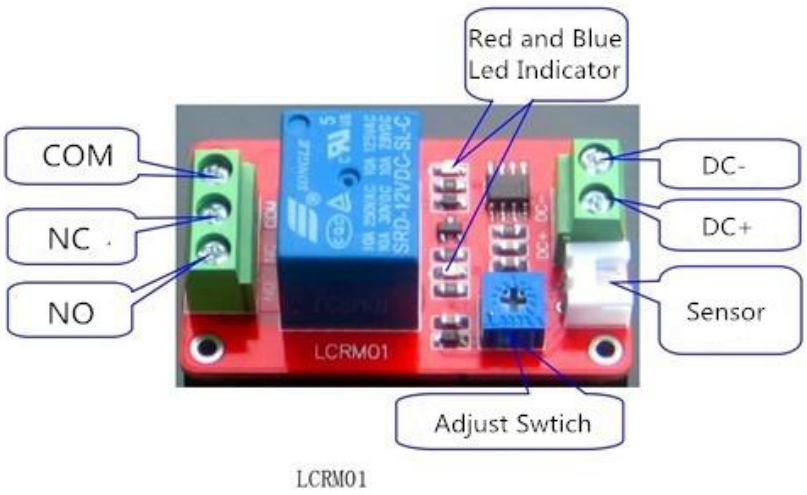
1 Channel Thermal Relay Module (5V/12V optional)

- **Overview**

HCRM01 type 1 way thermal relay module, using genuine high quality industrial grade components, military grade double-sided PCB board, with red and blue LED signal indicator; layout board comprehensive, module performance is stable, can be widely used in various temperature measurement Control the occasion.

The module can be used as an ambient temperature detection. It can be adjusted by the potentiometer to detect the temperature threshold. It has its own relay and can be used to make various temperature detection switches, such as indoor temperature monitoring, chassis temperature monitoring, and vehicle temperature
monitoring.



LCRM01

- **Features**

1. Using high-sensitivity thermistor to detect the ambient temperature, comes with genuine high-quality relay, can directly control the AC or DC load,The maximum load capacity of the normally open interface: AC 0V--250V/10A, DC 0V--30V/10A;

2. The temperature threshold can be adjusted by the potentiometer. When the ambient temperature is higher than the threshold, the relay is closed. When the temperature is lower than the threshold, the relay is released.

3. Intelligent adjustment design, when the relay is activated, automatically fine-tune the action threshold to solve the problem of repeated action of the critical value;

4. The module has anti-reverse connection function, reverse power supply will not damage the module;

5. Equipped with power indicator (red), relay status indicator (blue);

6. The module working voltage is 5V, 12V optional, please be sure to specify when purchasing the user;

- **How to use**

1. The thermistor module is sensitive to ambient temperature and is generally used to detect changes in the temperature of the surrounding environment;

2. When the ambient temperature is higher than the set threshold, the relay is closed, the common end is connected to the normally open end (disconnected from the normally closed end), when the ambient temperature is lower than the set threshold, the relay is disconnected, the common end Disconnected from the normally open end (connected to the normally closed end);

3. The common port, normally open, and normally closed ports are equivalent to a dual control switch. When the relay coil is energized, the common terminal and the normally open terminal are turned on.

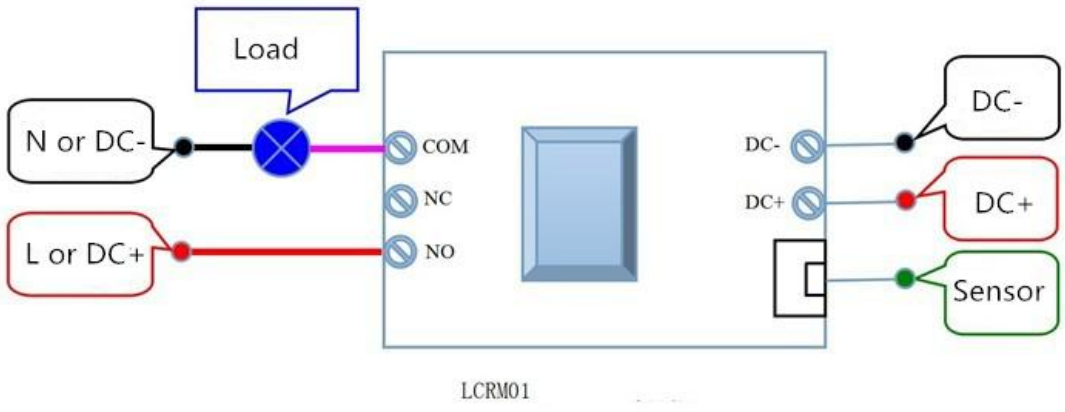
When there is no power, the common terminal and the normally closed terminal are turned

on;

- **Electrical parameters**

Working voltage: DC 5V or 12V optional

Working current: After the relay is closed:

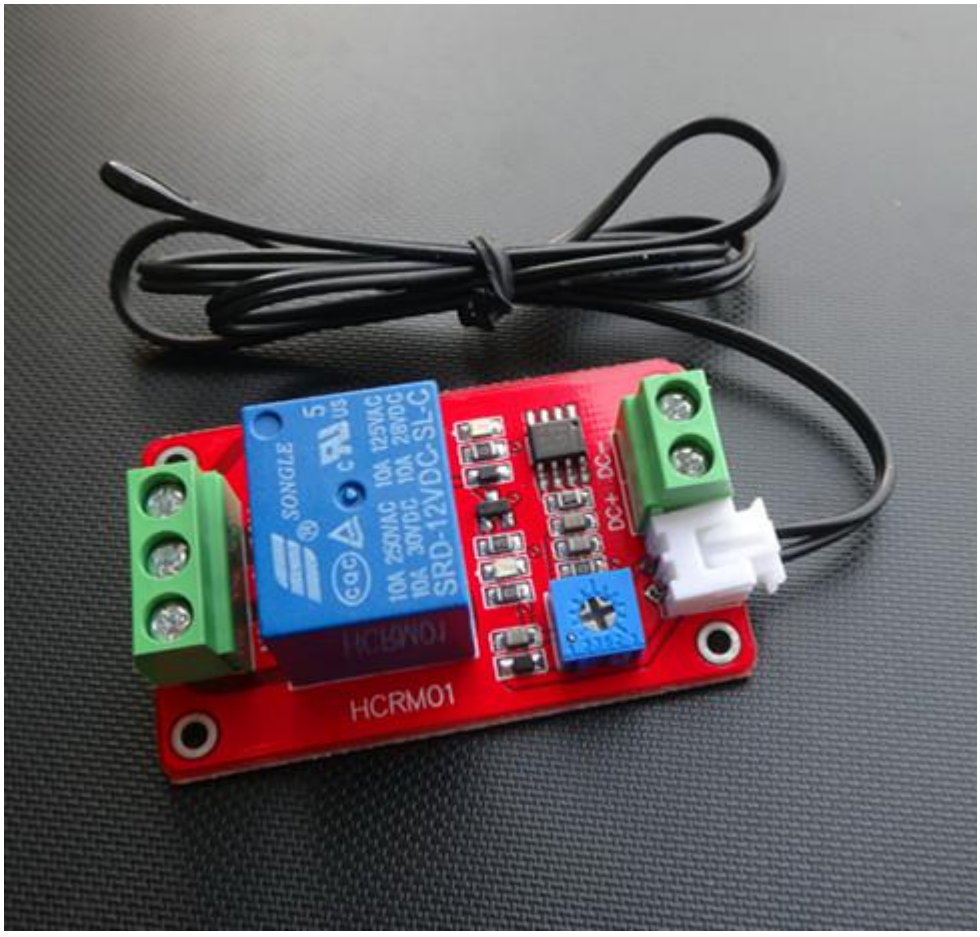


5V module is less than 100mA,

12V module is less than 50mA

Before the relay is pulled in: less than 5mA

Load capacity: AC 0V--250V/10A, DC 0V--30V/10A;


SONGLE
10A 250VAC 10A 125VAC
10A 30VDC 10A 28VDC
SRD-12VDC-SL-C
DC+ DC-
HCRM01