
1 Channel Light Control Relay Module

- **Overview**

LCRM01 type 1 way photosensitive relay module, using genuine high-quality components, double-sided PCB board, with red and blue LED signal indicators; layout board comprehensive consideration, module performance is stable, can be widely used in various types of brightness measurement control occasions.

The module can be used for light detection, brightness detection, brightness detection by potentiometer adjustment, self-contained relay, can do various brightness detection switches, can control various street lights, automatically turn on at night, automatically extinguish during the day and control of on-board supplies And automation equipment.

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), road relay status indicator (blue)

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

7.With 4 fixing bolt holes for easy installation;

● **How to use**

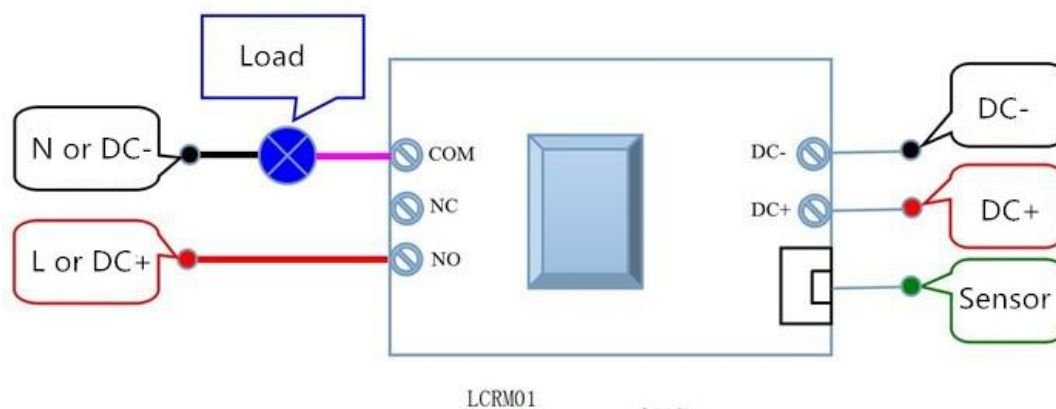
1. The photoresistor module is sensitive to ambient light and is generally used to detect changes in the brightness of the surrounding environment;

2. When the ambient light is darker 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 light is brighter 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**

Operating voltage : DC 5V, 12V two options (should not exceed +/-10% of the nominal voltage)



Working current : less than 90mA at 5V (less than 5mA when the relay is not operating)

Less than 50mA at 12V (less than 5mA when the relay is not operating)

Working temperature: recommended -20°C - 60°C (limit operating temperature range -30°C - 70°C)

load capacity:

Relay normally open port maximum load capacity: DC
0-30V/10A, AC 0-250V/10A

Relay normally closed port maximum load capacity: DC
0-28V/10A, AC 0-125V/10A

