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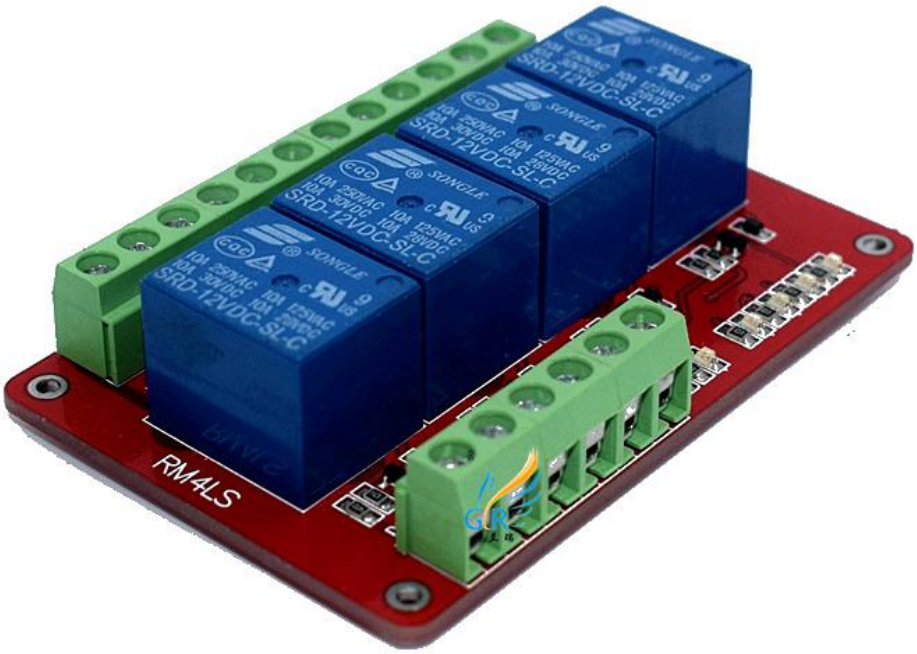
Standard 4-way relay control module, using genuine high-quality power relay, high-power high-voltage triode, red and blue signal indicator, double-sided PCB board, comprehensive consideration of layout, stable performance, can be widely used in various power control categories occasion.



- Module description

1. The module uses genuine high-quality relay, the maximum load of the normally open interface: AC 250V/10A, DC 30V/10A;

2. Using high-power high-voltage triode 2907A, strong driving ability, stable performance; trigger current 5mA;

3. The module working voltage is 5V, and 12V and 24V modules are available for selection;

4.The relay is low-level, the module contains a current limiting resistor, the low level can be GND, or the microcontroller I/O port can be set low;

5. Fault-tolerant design, even if the control line is broken, the relay will not move;

6. Power indicator (red), 4-way relay status indicator (blue)

7. The interface design is user-friendly, all interfaces can be directly connected, very convenient

- Module interface

A module control terminal (right side in the above figure): There are 6-wire interfaces, all interfaces can be directly connected to

the cable for user convenience.

1. DC+ is connected to the positive pole of the power supply.

2. DC- external negative

3. CL1 relay 1 control interface, low level relay pull

4. CL2 relay 2 control interface, low level relay pull

5. CL3 relay 1 control interface, low level relay pull

6. CL4 relay 2 control interface, low level relay pull

B relay output (left side in the above figure): There is a 12-wire interface, all interfaces can be directly connected to the cable for user convenience.

1. NO1 relay normally open interface, the relay is suspended before the suction, after the suction and short circuit with COM1

2. COM1 relay common interface

3. The NC1 relay normally closes the interface, and the relay is shorted to COM1 before the suction is closed.

4. NO2 relay normally open interface, the relay is suspended before the suction, after the suction and short circuit with COM2

5. COM2 relay common interface

6.The NC2 relay normally closes the interface, and the relay is short-circuited with COM2 before the suction is closed.

7. NO3 relay normally open interface, the relay is suspended before the suction, after the suction and short circuit with COM3

8. COM3 relay common interface

9. NC3 relay normally closed interface, short circuit connection with COM3 before the relay is closed, and suspended after suction

10. NO4 relay normally open interface, the relay is suspended before the suction, after the suction and short circuit with COM4

11. COM4 relay common interface

12. NC4 relay normally closed interface, short-circuit with COM4 before the relay is pulled in, after hanging and hanging