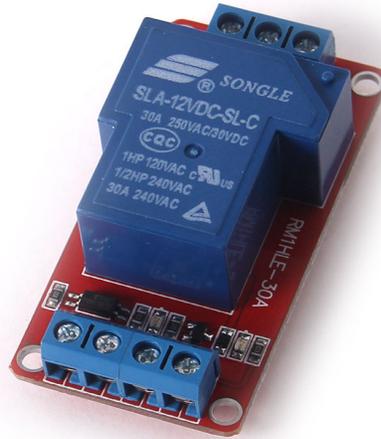


1 Channel 30A Relay Module / Optocoupler Isolation



Introduction:

Isolated 1-way high-power relay control module, the use of a high-level/low-level signal to trigger, only 3mA current needed can drive the control capacity of 30A relay, genuine high-quality power relay module, the industry's top ultra-small package optocoupler, high-power high-voltage transistors, red, blue signal lights, military grade double-sided PCB board, cloth board to consider a comprehensive, stable performance, can be widely used in a variety of power control types of occasions.

Features:

1. Module uses genuine high-quality relay, normally open interface Maximum load: AC 250V/30A, DC 30V/30A.
2. Use of ultra-small opto-coupler of the industry's top quality, anti-interference ability, stable performance; trigger current is only 3mA.
3. Module operating voltage 12V.
4. Users could choose relay control level (high level pull or low level pull), module with current limiting resistor, could be directed by positive/negative electrode or MCU I / O port.
5. Fault-tolerant design, even if the control line is broken, the relay will not operate.
6. The power indicator (red), 1 relay status indicator (blue).
7. Interface design, user-friendly, all interfaces can be drawn through terminals connect directly, very convenient.
8. Module Size: 6.0cm * 3.0m * 2.5cm (L * W * H).
9. With four 2.0 mm diameter fixed bolt hole for easy installation.

Module Control Terminal (4-wire interface with terminal blocks):

1. DC +: external DC power supply positive (12V)
2. DC -: external DC power supply negative
3. VREF: optoelectronic isolation control port: High level for negative electrode, low level for positive electrode.
4. CH1: relay control port: High level for negative electrode, low level for positive electrode.

Relay outputs(3-wire interface with terminal blocks):

1. NO: relay normally open interface, the relay becomes vacant before the pull shorted with COM
2. COM: public interface relay
3. NC: relay normally closed interface, the relay shorted together with COM, pull vacant