

الحمادي للإلكترونيات
ALHAMMADI FOR ELECTRONICS

Product Introduction:

1. Omron 5V solid state relay 240V/2A, output with resistive fuse 240V/2A.
2. Size: 57*55*25 (L*W*H)
3. Input power supply: 5VDC
4. Input control signal voltage:
(0-2.5V state low relay OFF)
(3-5V state high level relay ON) module interface:

Input Section:

DC+: Connected to the positive pole of the power supply (powered by relay voltage)

DC-: Connect to the negative pole of the power supply

CH1: Relay module signal trigger terminal (active for high level trigger)

CH2: Relay module signal trigger terminal (active for high-level triggering)

CH3: Relay module signal trigger terminal (active for high level trigger)

CH4: Relay module signal trigger terminal (active for high-level trigger)

High and Low Meaning:

High-level triggering refers to a positive voltage between the signal trigger terminal (CH) and the negative terminal of the power supply, which is usually a triggering method in which the positive terminal of the power supply is connected to the trigger terminal, and when the positive voltage of the trigger terminal is reached or the triggered voltage is reached, the relay is engaged.

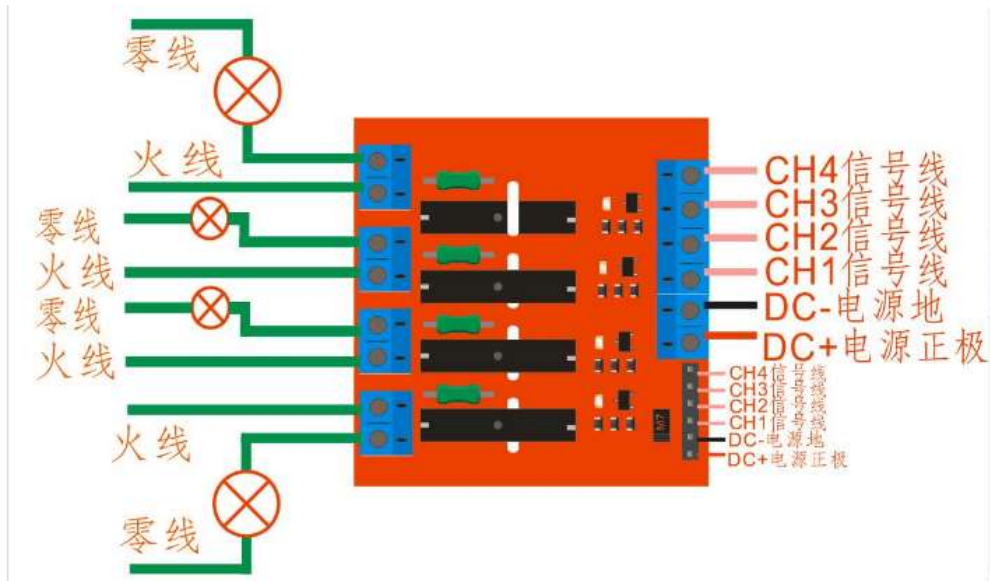
Low-level triggering refers to when the voltage between the signal trigger terminal and the negative terminal of the power supply is 0V, or the voltage of the trigger terminal is lower than the voltage of the positive terminal of the power supply, and when it is low enough to trigger the voltage, the relay is engaged, which is usually a triggering method that connects the negative terminal of the power supply with the trigger terminal to make the relay engage.

Electrical Parameters:

	voltage	Quiescent current	Operating current	Trigger voltage	Trigger current
1road	5V	0mA	12.5mA	3.3-5V	2mA
2road	5V	0mA	12.5mA	3.3-5V	2mA
3road	5V	0mA	12.5mA	3.3-5V	2mA
4road	5V	0mA	12.5Ma	3.3-5V	2mA

Instructions for use:

1. Power supply of the module: The power supply must be DC, and the voltage must be consistent with the voltage of the relay
2. Wiring method:



When there is a low level trigger at the signal trigger terminal, the relay will be turned on, and the device will work when there is power.