NOYITO 30A 1 / 2/ 4-Channel High Low Level Trigger Relay Module

User Manual

Link to Amazon.com to order the product:

https://www.amazon.com/dp/B07DSXHG3J

Product Applications: PLC automation equipment control, industrial system control, Internet of Things control, electronic enthusiasts to develop experiments, all kinds of circuit modification.

The modules comply with international safety standards with isolation slots in the control and load areas.

Each channel with optocoupler isolation, anti-interference ability.

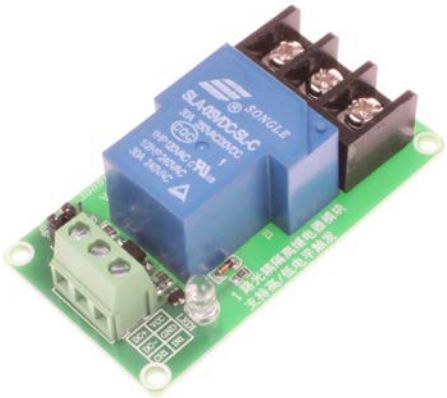
Using high-power relay, control the load up to 30A.

Each channel with relay on / off LED indicator.

Modular Relay Control Load Specification : 30A DC 30V / AC 250V ;

Module Power Supply : DC 5V / 12V / 24V（Module supply voltage must be DC, and the voltage to be consistent with the relay voltage.）.

1-Channel Relay Module



Electrical parameters:

Supply voltage: DC5V / 12V / 24V;

Quiescent current: 5mA;

Maximum working current: 190mA;

Trigger mode: High / Low Level Trigger;

Load voltage: DC 30V / AC 250V;

Load current: 30A

Module life: 10 million times;

Switch the maximum frequency: ≤ 5KHz;

Product weight: 46g;

Size:72x40x24mm (LxWxH);

Mounting hole size:44.5x27.5(LxW);

Trigger voltage range:

5V Version:

Input High-level trigger : 3.3-5V relay on; 0-2.5V relay off;

Input Low-level trigger: 0-2V relay on; 3-5V relay off;

12V Version:

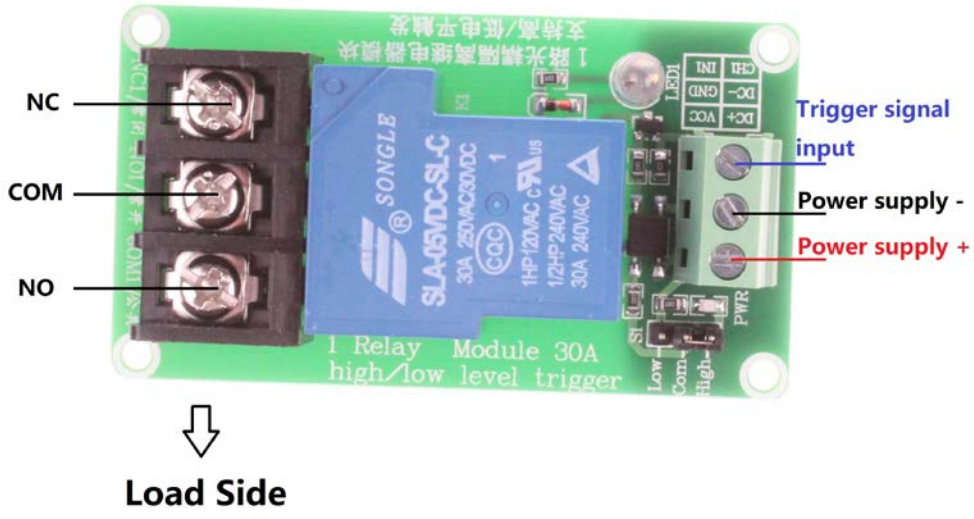
Input High-level trigger : 6-12V relay on; 0-5.5V relay off;

Input Low-level trigger: 0-5V relay on; 6-12V relay off;

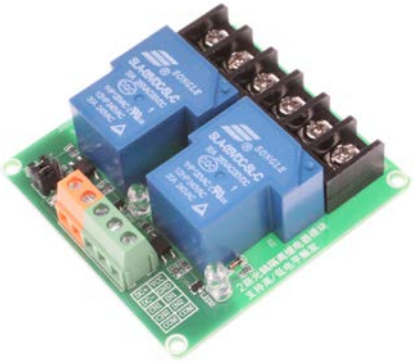
24V Version:

Input High-level trigger : 12-24V relay on; 0-8.5V relay off;

Input Low-level trigger: 0-12V relay on; 13-24V relay off;



2-Channel Relay Module



Electrical parameters:

Supply voltage: DC5V / 12V / 24V;

Quiescent current: 5mA;

Maximum operating current: 190mA;

Trigger mode: High / Low Level Trigger

Load voltage: DC 30V / AC 250V;

Load current: 30A;

Module life: 10 million times;

Switch the maximum frequency: ≤ 5KHz;

Product weight: 200g;

Size:70x72x22mm (LxWxH);

Mounting hole size:67.5x69.5(LxW)

Trigger voltage range:

5V Version:

Input High-level trigger : 3.3-5V relay on; 0-2.5V relay off;

Input Low-level trigger: 0-2V relay on; 3-5V relay off;

12V Version:

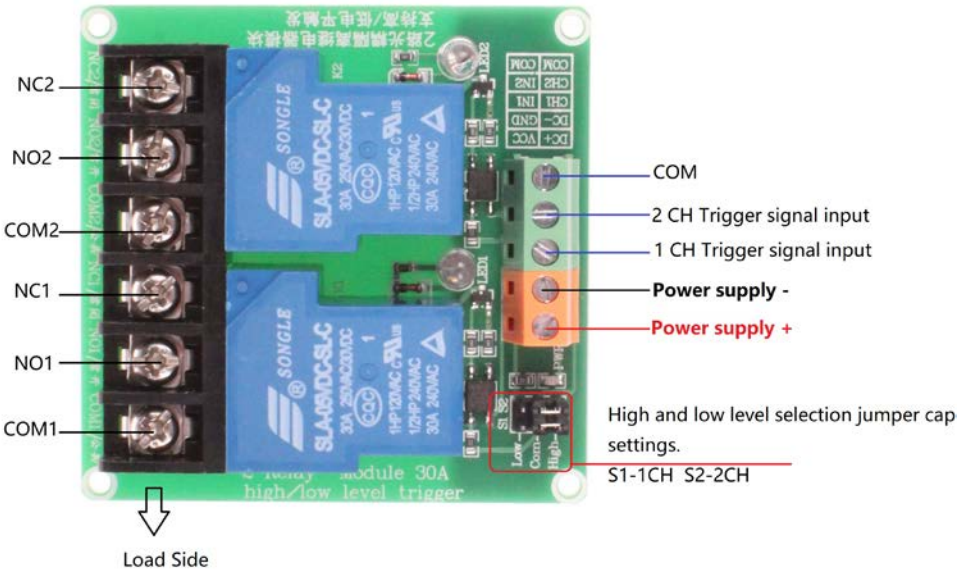
Input High-level trigger : 6-12V relay on; 0-5.5V relay off;

Input Low-level trigger: 0-5V relay on; 6-12V relay off;

24V Version:

Input High-level trigger : 12-24V relay on; 0-8.5V relay off;

Input Low-level trigger: 0-12V relay on; 13-24V relay off;



4-Channel Relay Module

Electrical parameters:

Supply voltage: DC5V / 12V / 24V;

Quiescent current: 5mA;

Maximum operating current: 190mA;

Trigger mode: High / Low Level Trigger;

Load voltage: DC 30V / AC 250V;

Load current: 30A;

Module life: 10 million times;

Switch the maximum frequency: ≤ 5KHz;

Product weight: 385g;

Size:129x72x22mm (LxWxH);

Mounting hole size:126.5x69.5(LxW)

Trigger voltage range:

5V Version:

Input High-level trigger : 3.3-5V relay on; 0-2.5V relay off;

Input Low-level trigger: 0-2V relay on; 3-5V relay off;

12V Version:

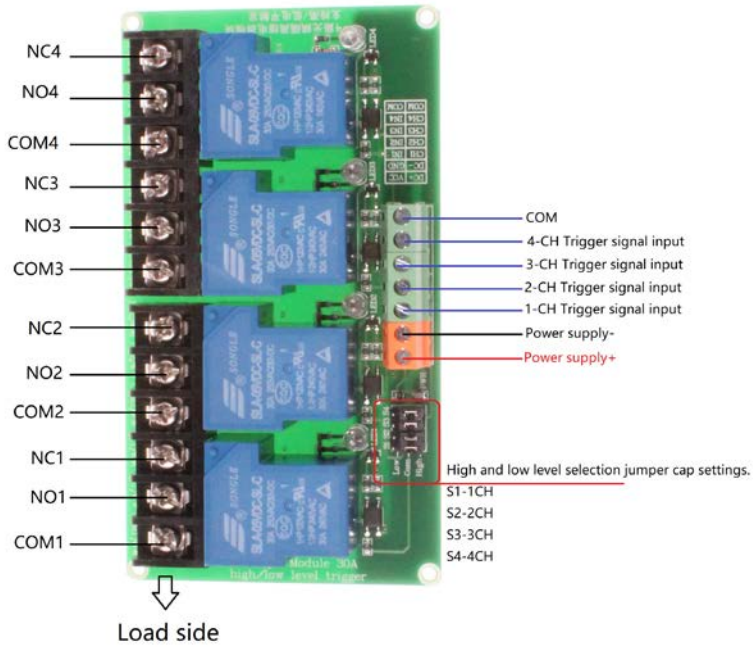
Input High-level trigger : 6-12V relay on; 0-5.5V relay off;

Input Low-level trigger: 0-5V relay on; 6-12V relay off;

24V Version:

Input High-level trigger : 12-24V relay on; 0-8.5V relay off;

Input Low-level trigger: 0-12V relay on; 13-24V relay off;



Usage Notes:

1. Please use the module power supply and control load within the rated parameters. Please do not overload power supply and overload control load.

2. The rated power and service life are a reference value. Modules may vary greatly depending on the use of different environments, the nature and type of load.

3. The load capacity of the module is greatly affected by the ambient temperature and its own temperature rise, and it is necessary to use air convection to dissipate heat according to the actual working environment conditions.

4. Module products have a one-year warranty period. Human damage is not covered by the warranty.