

Module Specification : 4-CHANNEL 12VDC RELAY BOARD High and low level triggering

1. Relay: Genuine high-quality relays. Max load for normally-open contacts: AC 250V/10A, DC 30V/10A.
2. Isolation: SMD optocoupler isolation, strong driving capacity & stable performance; trigger current: 5mA.
3. Operating Voltage: 5V / 12V / 24V optional.
4. Trigger Mode: Each channel supports high-level or low-level trigger, configurable by jumper.
5. Fault-tolerant: Relay keeps inactive even if control wire breaks.
6. Indicators: Green power indicator, 4 red status LEDs for relay channels.
7. Terminals: All ports adopt terminal blocks for easy wiring.
8. Size: 73 × 50 × 18.5 mm (L×W×H).
9. Mounting: 4 fixing holes (Ø3.1 mm), hole spacing 67 × 44.5 mm.

Pin Definition

- DC+: Power positive (match module voltage: 5V/12V/24V)
- DC-: Power negative
- IN1-IN4: Control inputs, high/low level to activate corresponding relay.

Relay Output (12-pin terminals)

- NO1-NO4: Normally-open contacts; open before pull-in, short with COM after pull-in.
- COM1-COM4: Common terminals
- NC1-NC4: Normally-closed contacts; short with COM before pull-in, open after pull-in.

Trigger Selector S1-S4 (for CH1-CH4)

- Short COM-LOW: Low-level trigger
- Short COM-HIGH: High-level trigger

