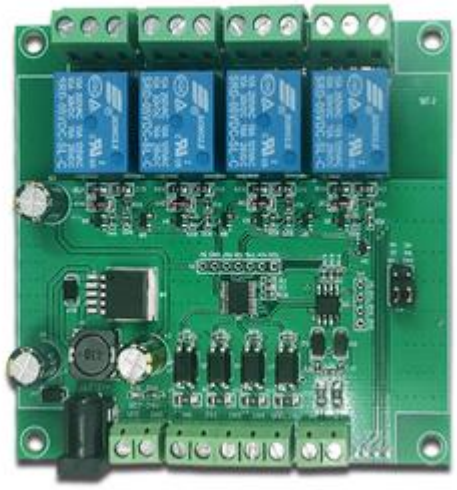
Relay module

LC-Modbus-4R-D7

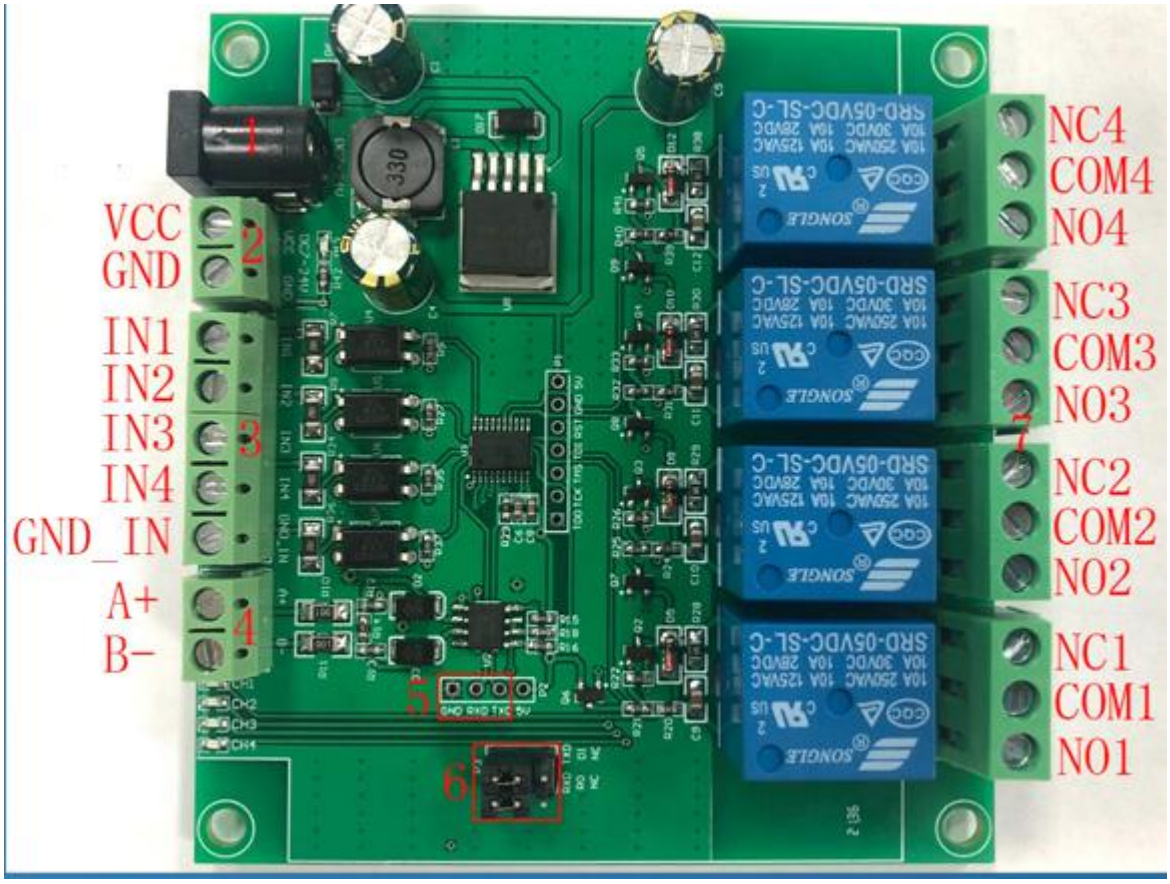
Modbus-Rtu7-24V - 4 channel relay module switch input and output RS485/TTL anti-reverse connection



Feature introduction:

1. Onboard mature and stable 8bit MCU and MAX485 level conversion chip
2. Communication protocol: support standard Modbus RTU protocol
3. Communication interface: support RS495/TTL UART interface
4. Communication baud rate: 4800/9600/19200, default 9600bps, support power-off save
5. Optocoupler input signal range: DC3.3-30V (this input cannot be used for relay control)
6. Output signal: relay switch signal, support manual, flash off, flash off module, flash off/flash off delay base is 0.1S, the maximum flash off/flash off time can be set to 0xFFFF*0.1S-65535* 0.1S-6553.5S
7. Device address: range 1-255, default 255, support power-off save
8. Onboard 4 channels of 5V, 10A/250V AC 10A/30V DC relays, which can be activated continuously for 100,000 times, with diode effusion protection, and short response time
9. On-board relay switch indicator
10. Power supply voltage: DC7-24V, support DC socket/5.08mm terminal power supply, with input anti-reverse protection.

Interface introduction:



1. DC-005 socket: DC7-24V power input socket
2. VCC, GND: dc7-24V5.08mm power input terminal
3. DC3.3-30V optocoupler signal input

IIN1: Channel 1 positive
IN2: Channel 2 positive
IN3: Channel 3 positive
IN4: Channel 4 positive
GND_IN: Common terminal negative

3. A+, B-: RS485 communication interface, A+, B- are respectively connected to A+, B- of the external control terminal
5. GND, RXD, TXD: TTL level UART communication interface, GND, RXD, TXD are respectively connected to GND, TXD, RXD of the external control terminal
6. RS485 and TTL serial port choice, When use the RS485, DI connect to TXD.RO Connect to RXD; when use the TTL, DI and RO Connect to NC port.
7. Relay switch signal output- 4Channel:

NC,: Normally closed, the relay is shorted to COM before the pull-in, and it is suspended after the pull-in;
COM: public end;
NO: Normally open end, the relay is suspended before being closed, and shorted to COM after being closed.