

4 channel relay module

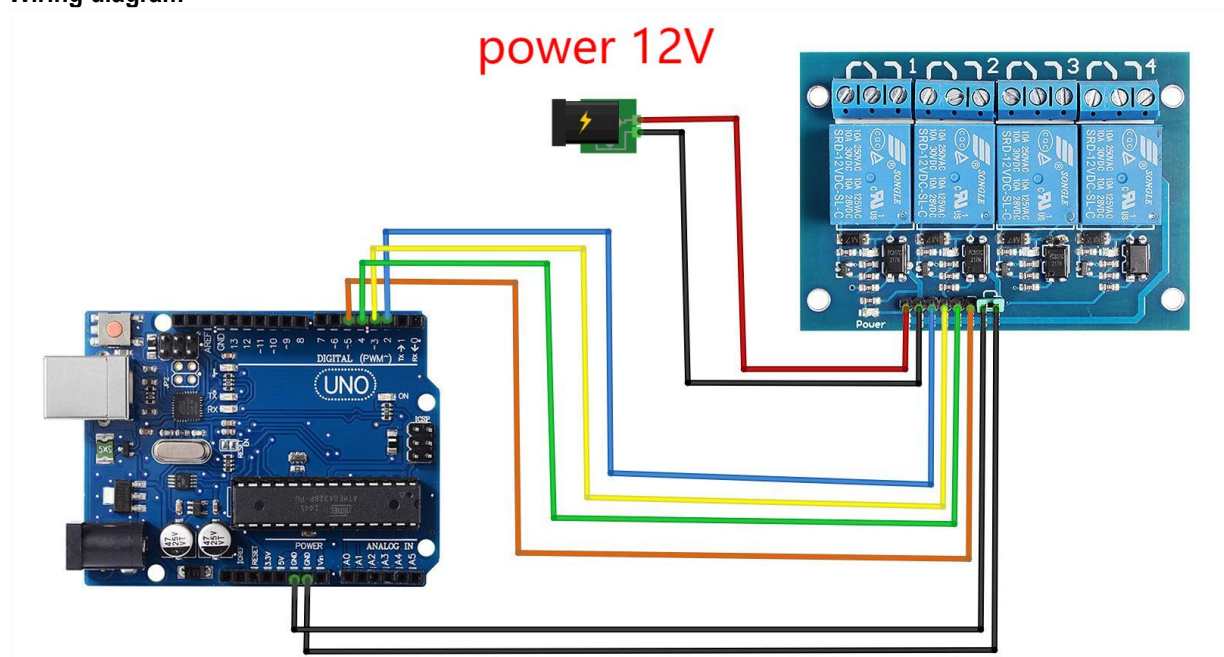
Module pin definition:

1. IN1--First channel control terminal
2. IN2--Second channel control terminal
3. IN3--Third channel control terminal
4. IN4--Fourth channel control terminal
5. VCC--power supply +
6. GND--power supply –

Wiring:(When controlling the relay by Arduino uno, it needs to be connected to the ground. Remove the jumper cap and connect COM and GND to the GND on the main board)

Relay	Power supply	Uno board
VCC	12V	
GND	GND	
IN1		2
IN2		3
IN3		4
IN4		5
COM		GND
GND		GND

Wiring diagram



Arduino Test Code:

```
int BASE = 2 ; //The first relay I/O pin
int NUM = 4;  //The total number of relays
```

```
void setup()
{
  for (int i = BASE; i < BASE + NUM; i ++)
```

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```
{
  pinMode(i, OUTPUT); //Set the digital I/O pin as output
}
}

void loop()
{
  for (int i = BASE; i < BASE + NUM; i++)
  {
    digitalWrite(i, LOW); //Set the digital I/O output to "low", that is, gradually turn off the relay
    delay(200);           //delay
  }
  for (int i = BASE; i < BASE + NUM; i++)
  {
    digitalWrite(i, HIGH); //Set the digital I/O output to "high", that is, gradually turn on the relay
    delay(200);           //delay
  }
}
```