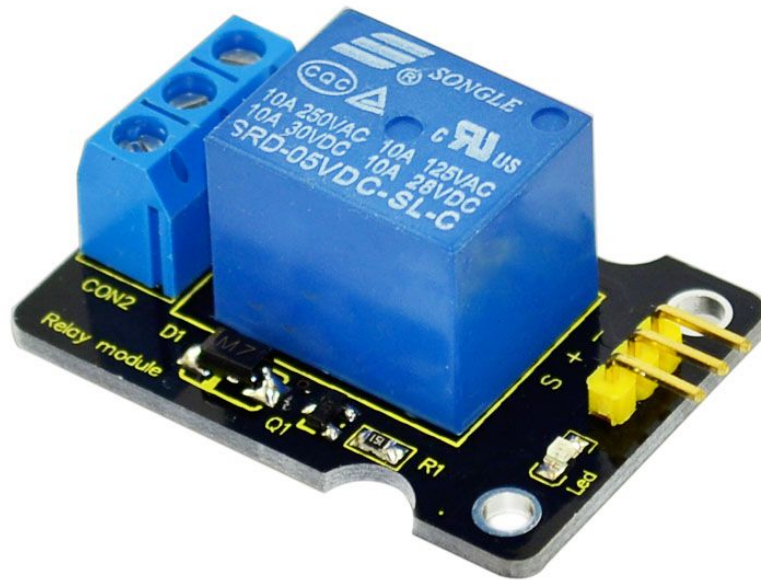# 5V Relay Module

Introduction

This single relay module can be used in interactive projects. This module uses SONGLE 5v high-quality relay. It can also be used to control lighting, electrical and other equipment. The modular design makes it easy to expand with the Arduino board (not included). The Relay output is by a light-emitting diode. It can be controlled through digital IO port, such as solenoid valves, lamps, motors and other high current or high voltage devices.

Specification

Type: Digital

Rated current: 10A (NO) 5A (NC)

Maximum switching voltage: 150VAC 24VDC

Digital interface

Control signal: TTL level

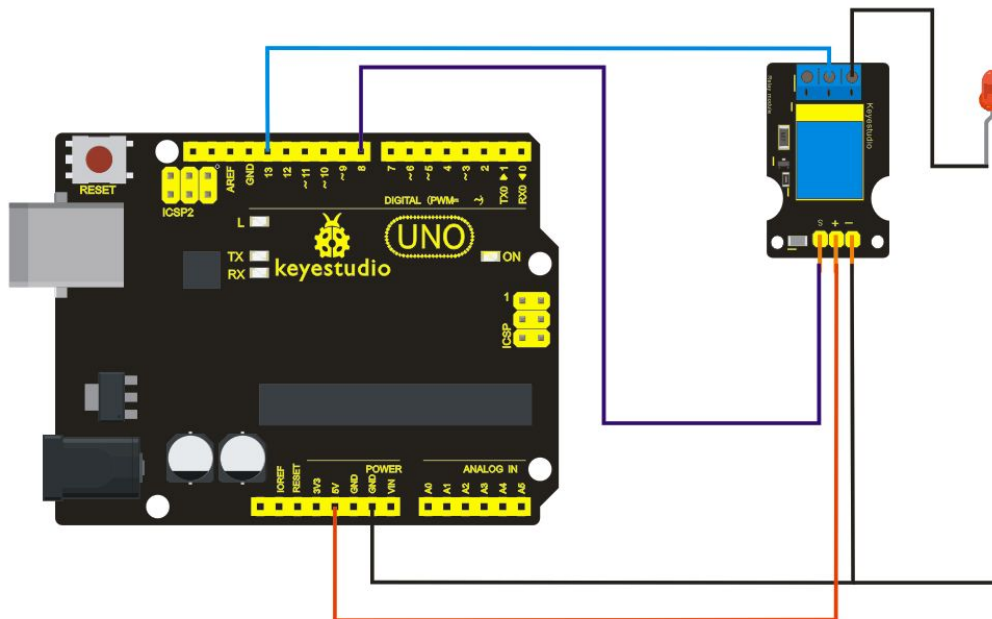Rated load: 8A 150VAC (NO) 10A 24VDC (NO), 5A 250VAC (NO/NC) 5A 24VDC (NO/NC)

Maximum switching power: AC1200VA DC240W (NO) AC625VA DC120W (NC)

Contact action time: 10ms

Size: 40*28mm

Weight: 15g

Connection Diagram

Sample Code

```
int Relay = 8;
 void setup()
{
 pinMode(13, OUTPUT);          //Set Pin13 as output
 digitalWrite(13, HIGH);      //Set Pin13 High
 pinMode(Relay, OUTPUT);      //Set Pin3 as output
}
void loop()
{
     digitalWrite(Relay, HIGH);    //Turn off relay
     delay(2000);
     digitalWrite(Relay, LOW);     //Turn on relay
     delay(2000);
}
```