AZ-Delivery

Relais Modul
Datenblatt

Contents:

1. Description

This Reay Module is perfectly made for Arduino application. It has three pins, VCC, GND and Signal. It can act as switch if the circuit and the load circuit have different supply voltage. It is commonly used if the load circuit is AC. It is a switch used to connect isolated connection from the circuit using a circuit signal. It has red LED that turns on every time the coil is energized or the signal pin has high input.
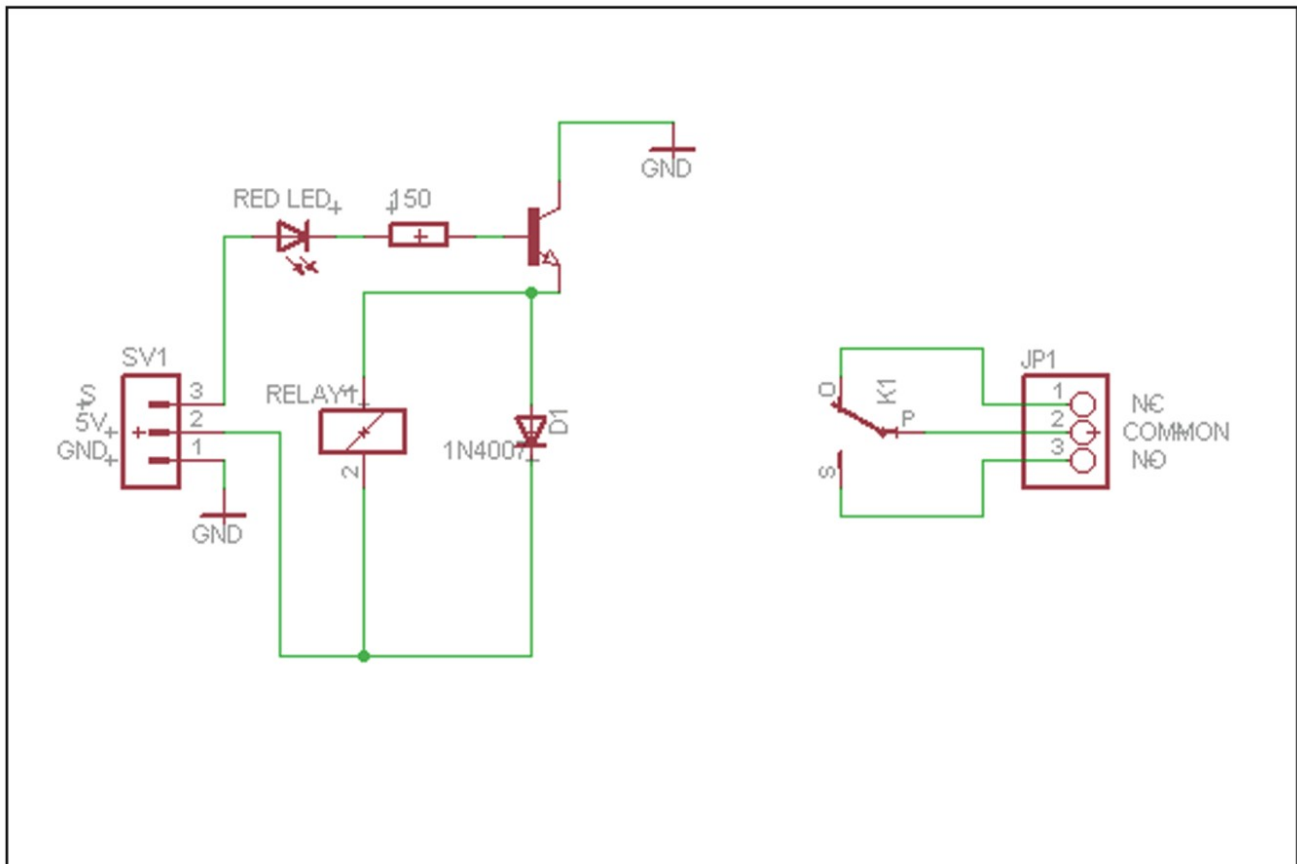
2. Specifications

» 5V - 12V TTL control signal

» Maximum AC current and voltage: 10A 250VAC

» Maximum DC current and voltage: 10A 30VDC

» The control signal DC, 220 AC load can be controlled

» There is a normally open and one normally closed contact

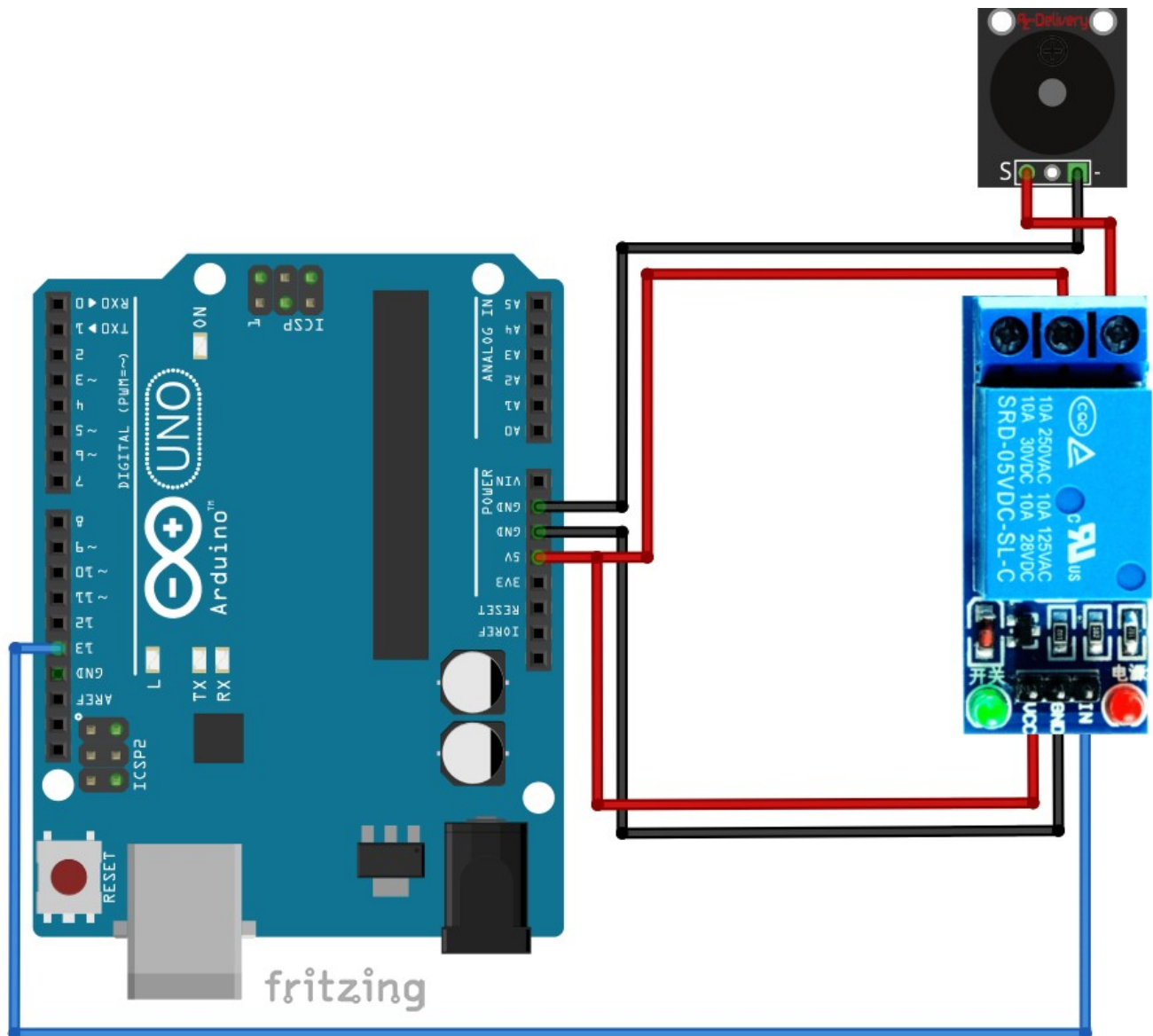» To make the coil of relay energized you must have an input of 5VDC in the signal pin (logic 1)

3. Pin Configuration

+	5V power supply
-	Ground
S	Control Signal
NC	Normally Closed
NO	Normally Open
COMMON	Common

4. Schematics Diagram

5. Wiring Diagram

6. Testing

1. Please check all the connections from the given wiring diagram.

2. Type the sample program in your Arduino sketch then upload.

3. The buzzer will turn on every two seconds.

* You can also hear the tich of relay every two seconds.

SAFETY WARNING!

When you are making projects that are connected to mains voltage, you really need to know what you are doing otherwise you may shock yourself. This is as serious topic and we want you to be safe. If you are not 100% sure what you are doing, do yourself a favor and don't touch anything. Ask someone who knows!