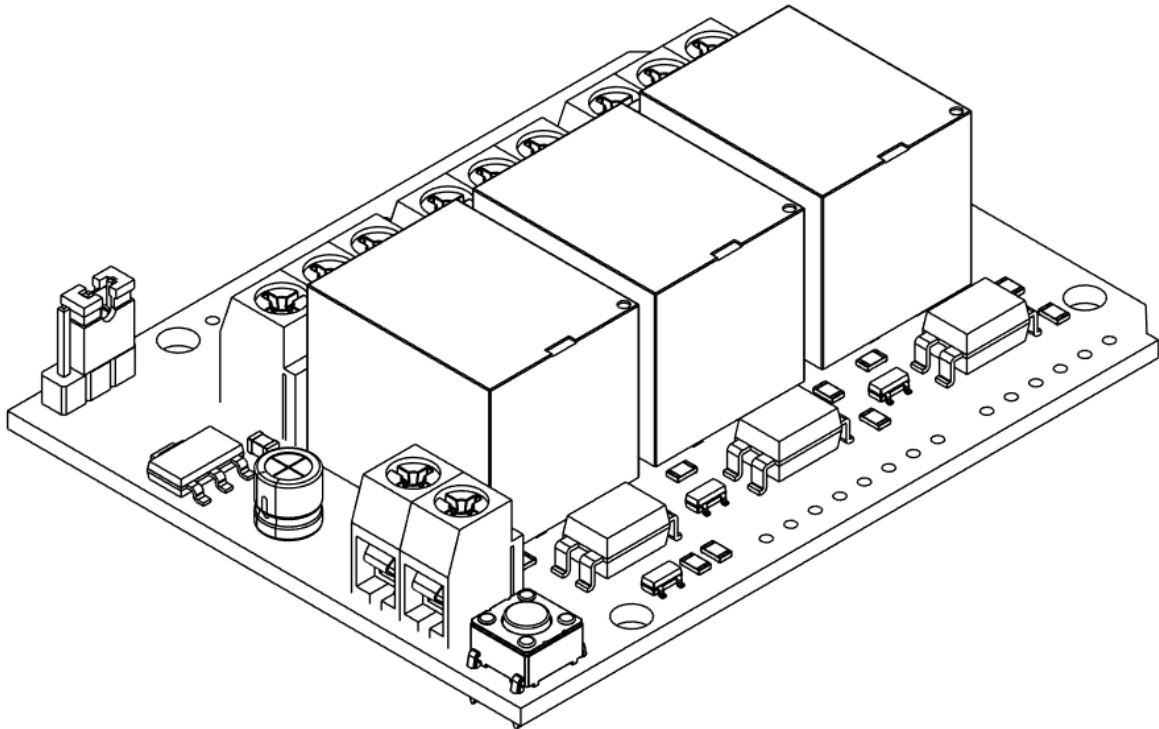


## Arduino Relay Shield 3 Channel



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## Overview

The Arduino Relay Shield allows your Arduino driving high power loads. The Arduino Relay Shield allows your Arduino driving high power loads. The Shield features three relays, each relay provides 2 pole changeover contacts (NO and NC); in order to increase the current limit of each output the 2 changeover contacts have been put in parallel. Three LEDs indicate the on/off state of each relay.

## General Features

- 3 Channel 5V Relays
- Long Male to Female Headers
- In-built LEDs
- Dimensions:68.5x53.3 mm
- Mass: 50 grams
- Operating Voltage: 5V
- AC Control Voltage: 7A 250V
- DC Control Voltage: 12A 210V

A basic code is available at our github page, from which you can control the relays from digital IO Pins.

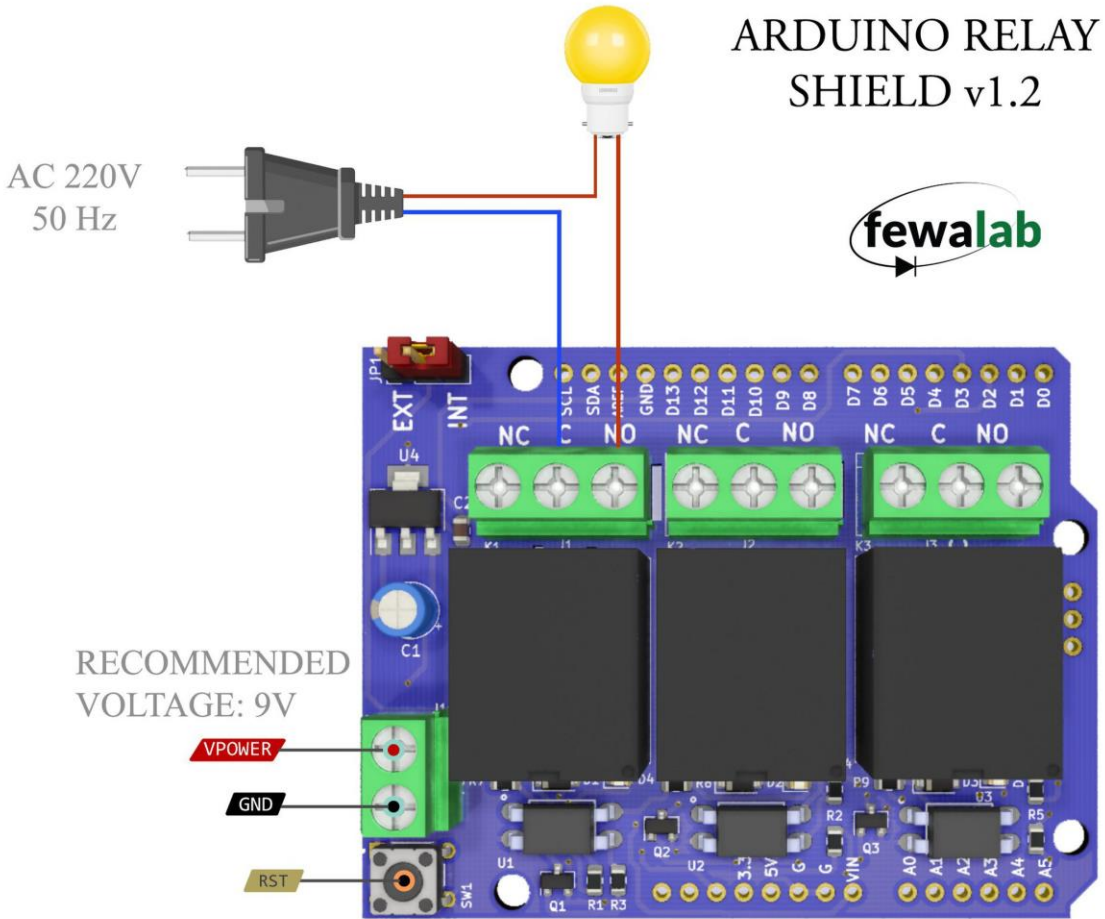
## Applications

- IOT Projects
- Home Automation
- Industrial Control
- Lighting

## Github Links

[https://github.com/thefewalab/Arduino-Relay-Shield\\_Public](https://github.com/thefewalab/Arduino-Relay-Shield_Public)

Diagram



## Software

```
#define K1 2
#define K2 3
#define K3 4

void setup() {
  // initialize digital pin LED_BUILTIN as an output.
  pinMode(K1, OUTPUT);
  pinMode(K2, OUTPUT);
  pinMode(K3, OUTPUT);
}

// the loop function runs over and over again forever
void loop() {
  digitalWrite(K1, HIGH);
  delay(500);
  digitalWrite(K1, LOW);
  delay(500);

  digitalWrite(K2, HIGH);
  delay(500);
  digitalWrite(K2, LOW);
  delay(500);

  digitalWrite(K3, HIGH);
  delay(500);
  digitalWrite(K3, LOW);
  delay(500);
}
```

# MECHANICAL SPECIFICATIONS

All the dimensions are in mm.

