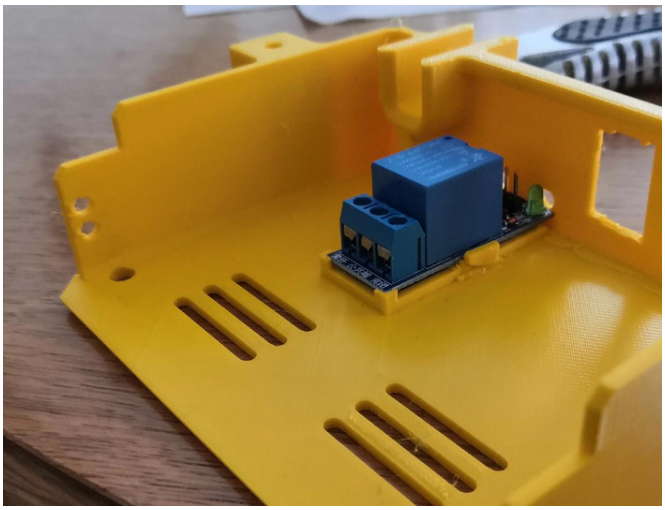
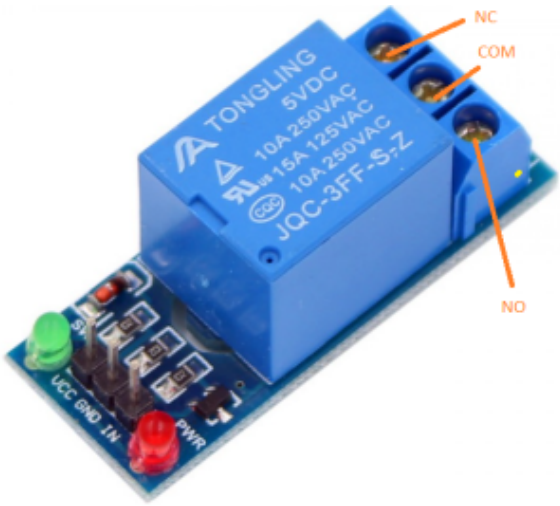
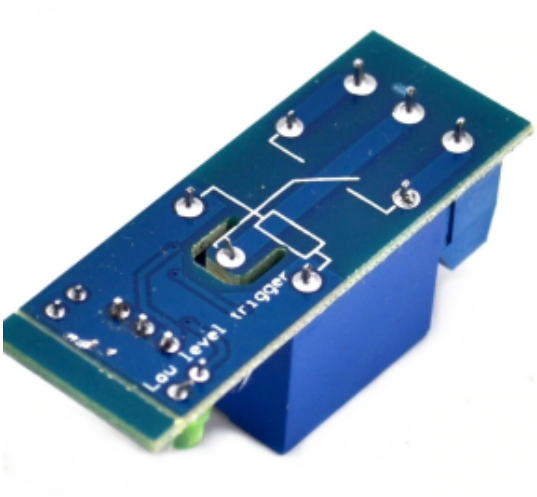
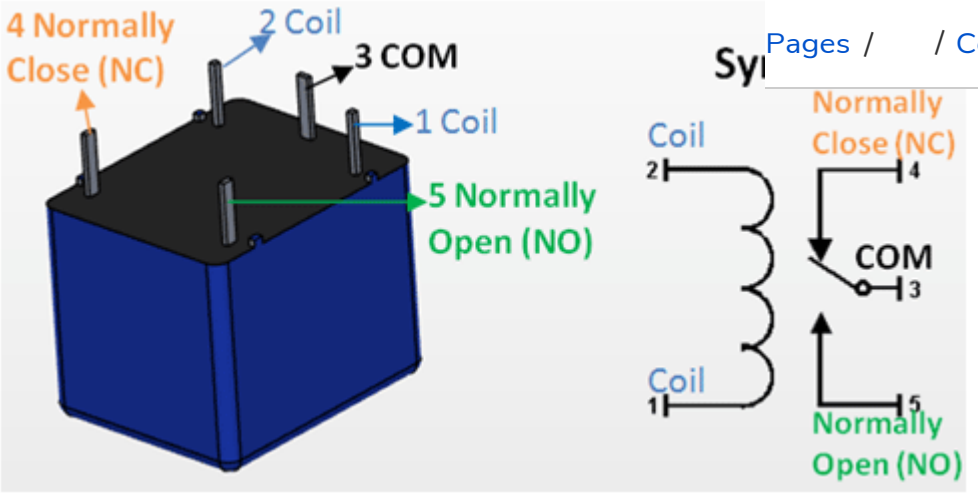
Relay JQC-3FF-S-Z

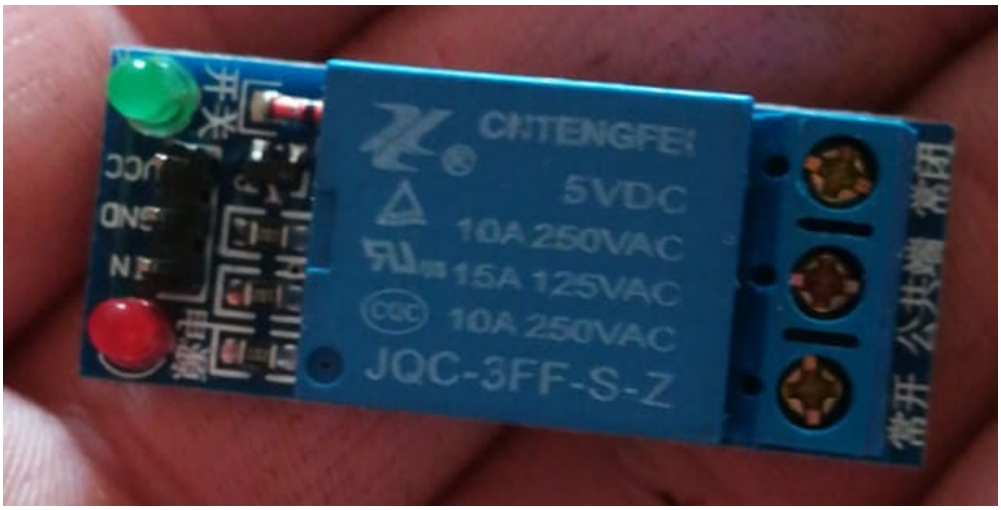
Created by Mario Voigt, last modified on 10.07.2020











This relay is used to switch on the Power Supply by Raspberry Pi GPIO.

Specifications

- in line with international safety standards (control area and the load area has a separate slot)
- double-sided FR-4 circuit board design
- LED status
  - pull up bright (green light is on)
  - disconnect is not bright (green light is off)
  - red LED signalizing power
- blue KF301 terminal
- module size: 43x17x18.5mm
- net weight: 15g
- Module Interface Output Section
  - NO - Normally Open
  - COM - Common
  - NC - Normally Closed
- Module Interface Input section
  - VCC: Connect 5V power supply positive (according to the relay voltage)
  - GND: Connect 5V power supply negative
  - IN: relay module signal trigger (low level active)

- High and low meaning:
  - High-level trigger refers to the VCC sid
    trigger connection, when the trigger sic
    voltage, the relay is sucked.
  - Low-level trigger refers to the GND side of the negative voltage and the trigger side of a trigger connection, when the trigger side of the 0V voltage or voltage can be triggered when the relay is pulled.
- Relay contact capacity: 250V 10A (AC) or 30V 30A (DC)
- Electrical parameters

Voltage	Version Quiescent Current	Operating Current	Trigger Voltage	Trigger Current
5 V	4 mA	65 mA	0-2 V	2 mA
9 V	5 mA	45 mA	0-4 V	3 mA
12 V	5.5 mA	42 mA	0-4 V	3 mA
24 V	12 mA	40 mA	0-12 V	3 mA

Zurück nach oben