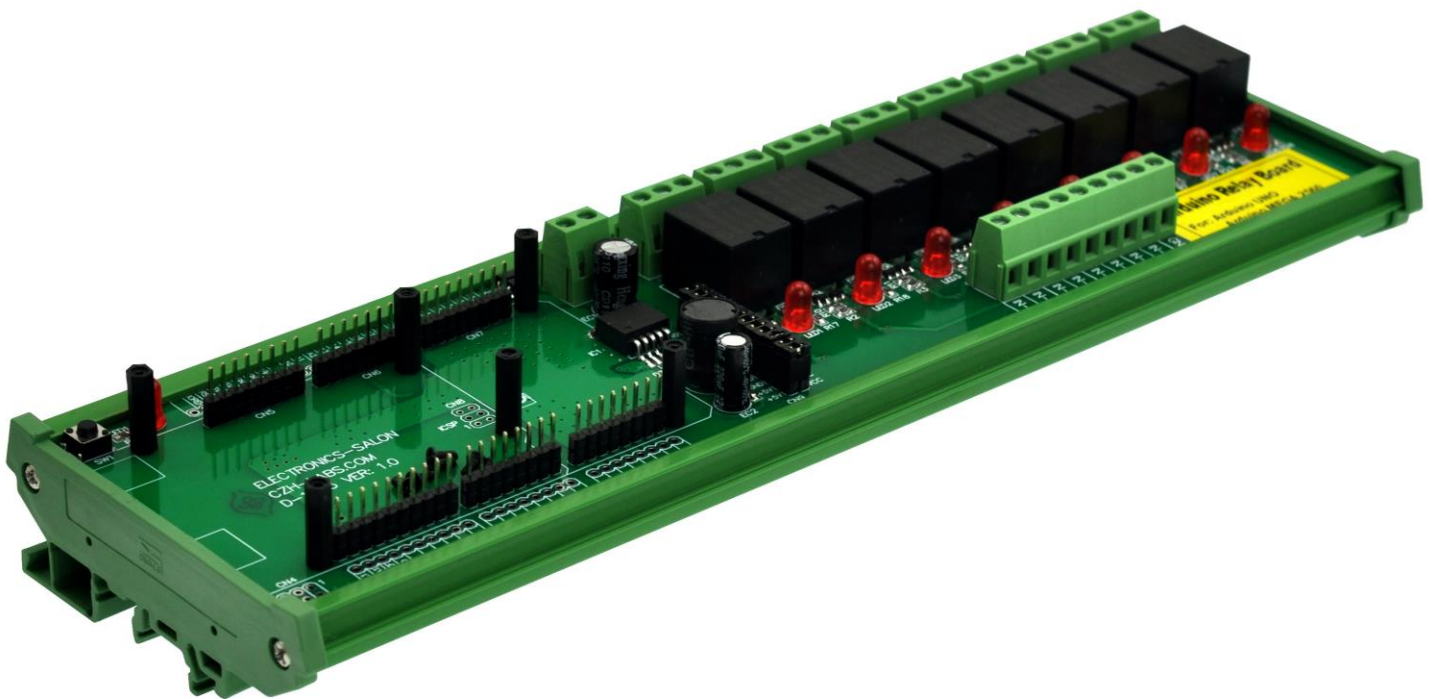


# Electronics-Salon CZH-LABS.com

**DIN Rail Mount IoT Power Relay Module for Arduino UNO /  
MEGA 2560  
SKU MD-D1333T-1**

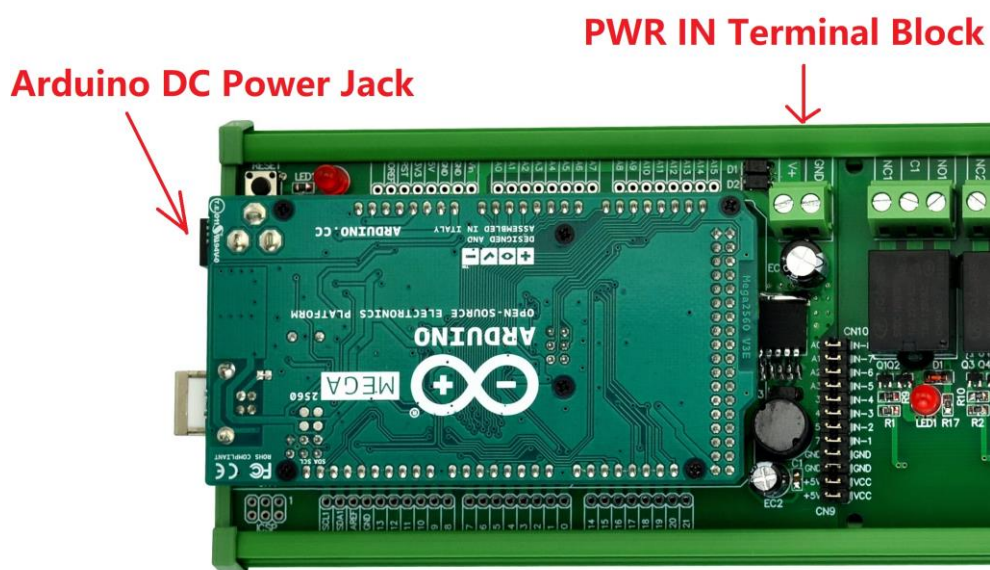


## Features:

- **DIN Rail Mount IoT Power Relay Module for Arduino UNO / MEGA2560, with the module you can easily extend Arduino projects to IoT/industrial control applications. Support for Arduino UNO R3 or Arduino MEGA2560 R3.**
- **Power supply DC 7V ~ 12V. from Arduino DC power jack or PWR IN terminal Block V+/GND. With a RESET button on board for Arduino.**
- **Relay action LED indication corresponds to each channel. Support pin jumper chose control signal from Arduino or external signal.**
- **8 channels SPDT power relays. Contact Rating (each channel): 125VAC/12A, 277VAC/10A or 30VDC/10A.**
- **FR-4 glass fiber PCB. High quality fireproof nylon material DIN rail mount carrier, can support width 35mm / 32mm / 15mm rail.**

## Power Supply:

Power supply DC 7V ~ 12V / 1Amp, from Arduino DC power jack or PWR IN terminal Block V+/GND.



## **Pin Jumper Control Signal Chose:**

**Support pin jumper chose control signal from Arduino or external signal.**

**From Arduino, short all pin jumpers, GPIO output HIGH relay action, GPIO output LOW relay no action.**

**GPIO 7 control relay 1**

**GPIO 5 control relay 2**

**GPIO 4 control relay 3**

**GPIO 3 control relay 4**

**GPIO A3 control relay 5**

**GPIO A2 control relay 6**

**GPIO A1 control relay 7**

**GPIO A0 control relay 8**

**From external signal control, IN1 ~ in8 pin jumpers must be removed (GND and VCC pin jumper must be reserved), control signal connect to terminal block IN1 ~ IN8.**

**Control signal voltage: 2.5~32V relay action, 0V relay no action.**

## **Relay:**

**Part Number: JQC-3FF 5VDC Power Relays.**

**Manufacturer: Hongfa.**

**Contact type: SPDT(Single Pole Double Throw).**

**Contact Rating (each channel): 125VAC/12A, 277VAC/10A or 30VDC/10A.**

## **Terminal Block:**

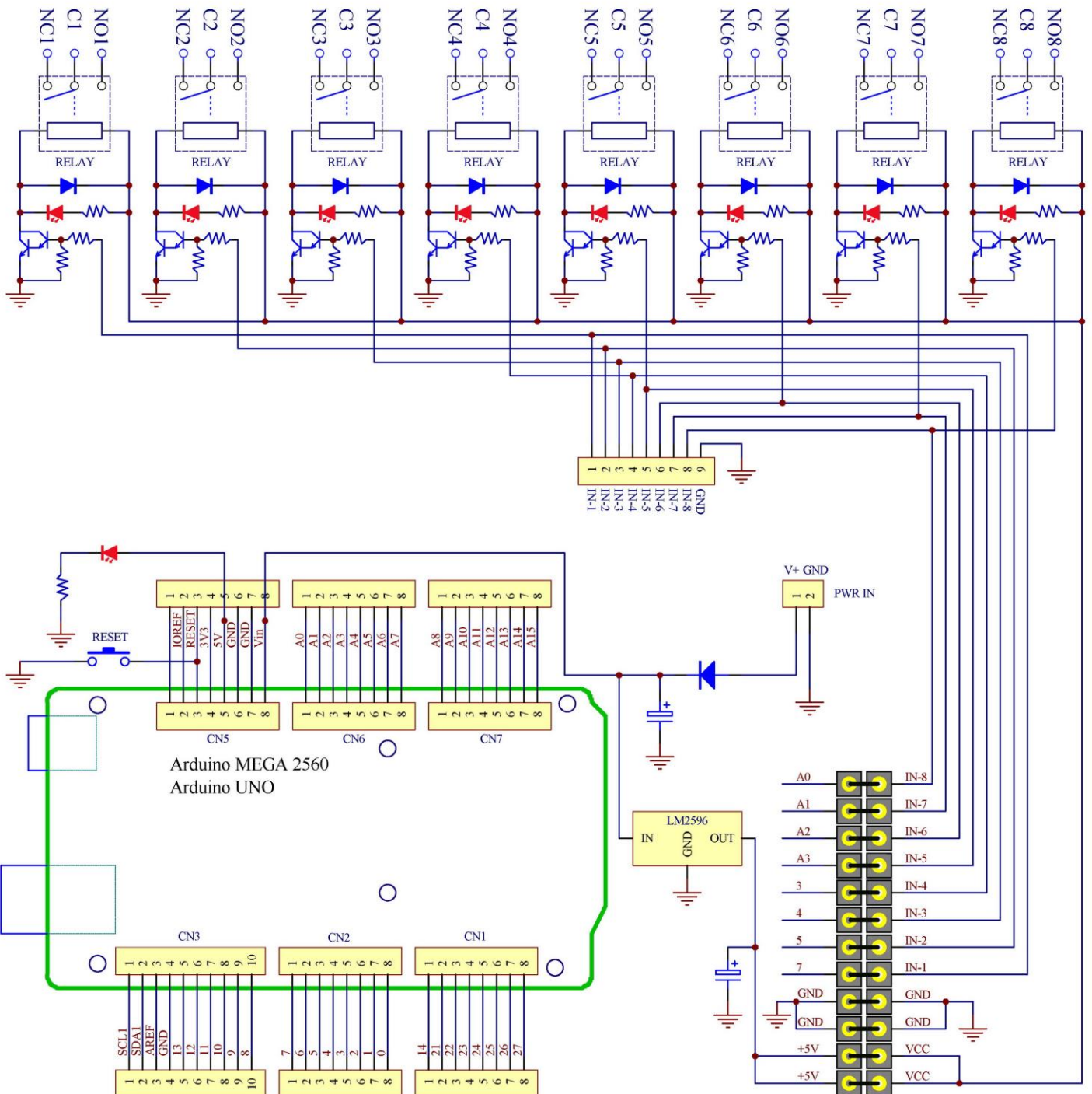
**Pitch 5.0mm/0.197"**

**Strip length 7mm, screws - M2.5, steel, Cr3+ Zn plated.**

**Pin header and cage - brass.**

**Wire range 28AWG ~ 12AWG / 2.5mm square.**

**Simple Schematic(not 100% real schematic):**



# Dimensions:

