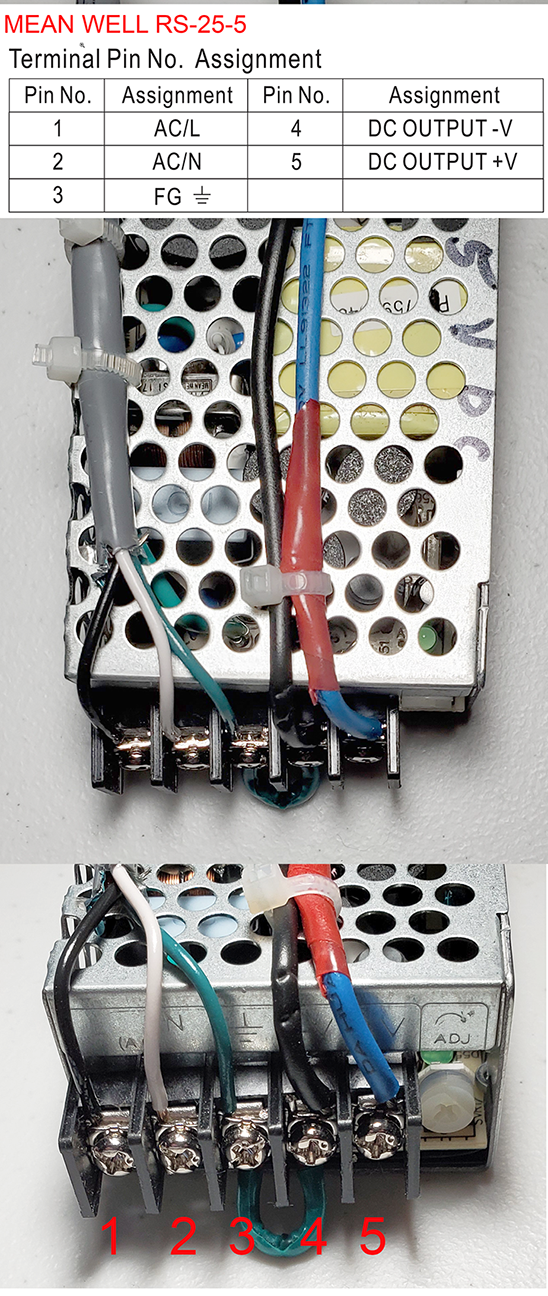
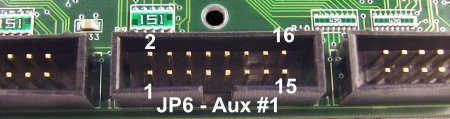
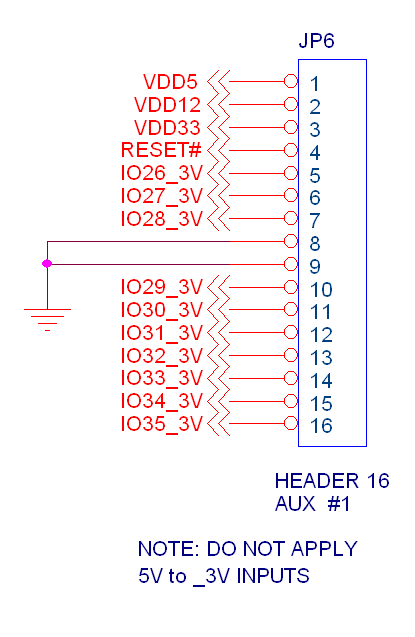
# KFLOP - Connector Pinouts

**JP6 - Aux Connector #1 (On KFLOP)**

Auxiliary connector which supplies power, reset, and 10 digital I/O (LVTTL 3.3V only) which is normally connected to optional expansion daughter boards (ie. SnapAmp 1000). If no expansion module is required, these digital I/O may be used for general purpose use. The first 8 IO (IO26-IO33) contain 150ohm termination resistors (pull downs).

[](https://www.digikey.com/product-detail/en/mean-well-usa-inc/RS-25-5/1866-4145-ND/7706180)

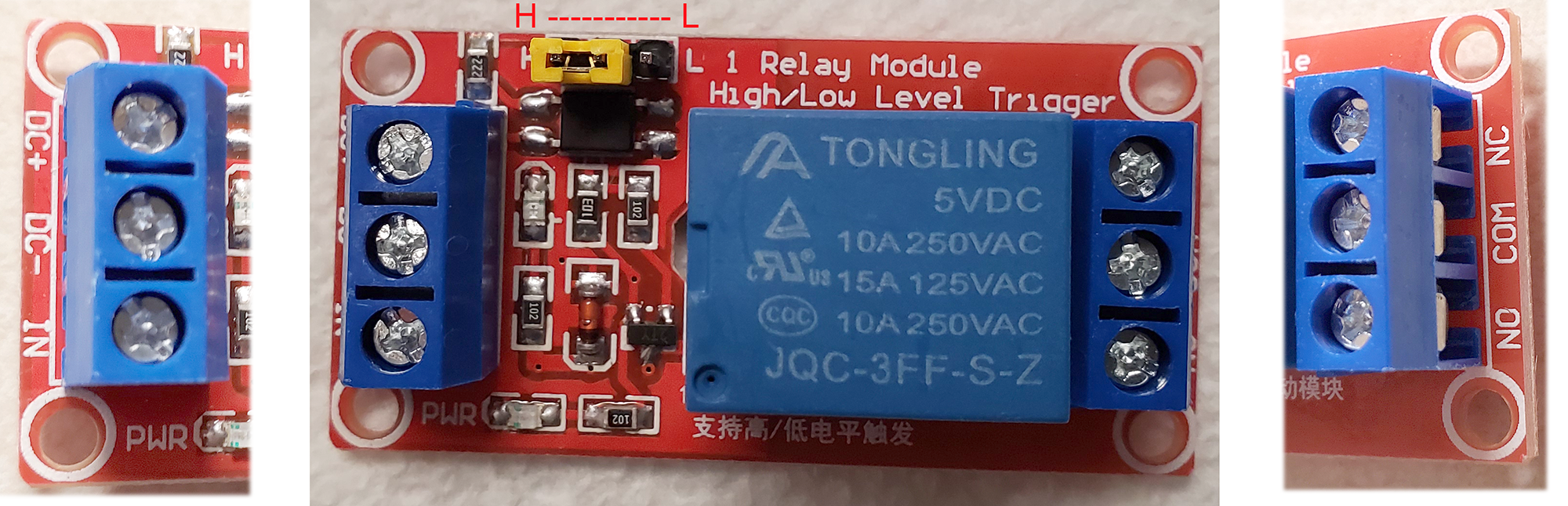


**5VDC Power Supply**

I get 1.5mV on Pin 16 from KFLOP with Pin 16 off and 3.27VDC when Pin 16 is turn on, which brings this relay in.

110 VAC NEG 🡪

POS 🡪



# [Youngneer 5v Relay Board Specs:](https://www.amazon.com/gp/product/B07M88JRFY/ref=ppx_yo_dt_b_asin_title_o02_s00?ie=UTF8&psc=1)

 【1 Channel Relay Module】- This Relay Board provides a single relay that can be controlled by any 5V digital output from your microcontroller.

 【Main Specification】- Peak Load of NO Connector: AC125~250V/10A, DC28~30V/10A; Trigger Current: 5mA; 4pcs \* 3.1 mm Fixed Bolt Hole

 【Adopted SMD Optocoupler Isolation】- The isolation circuit prevent damages to I / O port by relay switch current.

 【Wide Application】- These 5v relay board works well with Arduino/ ARM /PIC /AVR /MCU/Raspberry/CNC machine/ PS4 etc.

 【Humanization Design On Interfaces】- All interfaces can be directly wired out through the terminals.

**Product description**

Color: **5v Relay 1 Channel**

**Specification:**  
Material: Circuit board   
Control signal: TTL   
Rated load: AC125~250V/10A, DC28~30V/10A   
Max. switch voltage: 250VAC, 30V  
  Trigger Voltage: 0-1.5V (LOW); 3-5V (High)  
Trigger Current: 5mA  
Max. Current: 190mA  
Size: 50mm \* 26mm \* 18.5mm (1.9 inch \*1.02 inch \* 0.72 inch )  
  
**Input Connection:**  
DC +: Positive power supply (VCC)  
DC-: Connect power negative ( GND)  
IN: Control the pick up of replay by low level or high level  
  
**Output Connection:**  
Left Connection: “NO” means “Normally Open”  
Middle Connection: “COM” means “Common”  
Right Connection: “NC” means “Normally Closed”  
  
**High and Low Level Trigger Effective**  
High level trigger when the jumper cable connecting “High” to Short Circuit;  
Low level trigger when the jumper cable connecting “Low” to Short Circuit;  
  
**LED Indicator Light:**  
Power Indicator: Green  
Indicator of Relay Status: Red