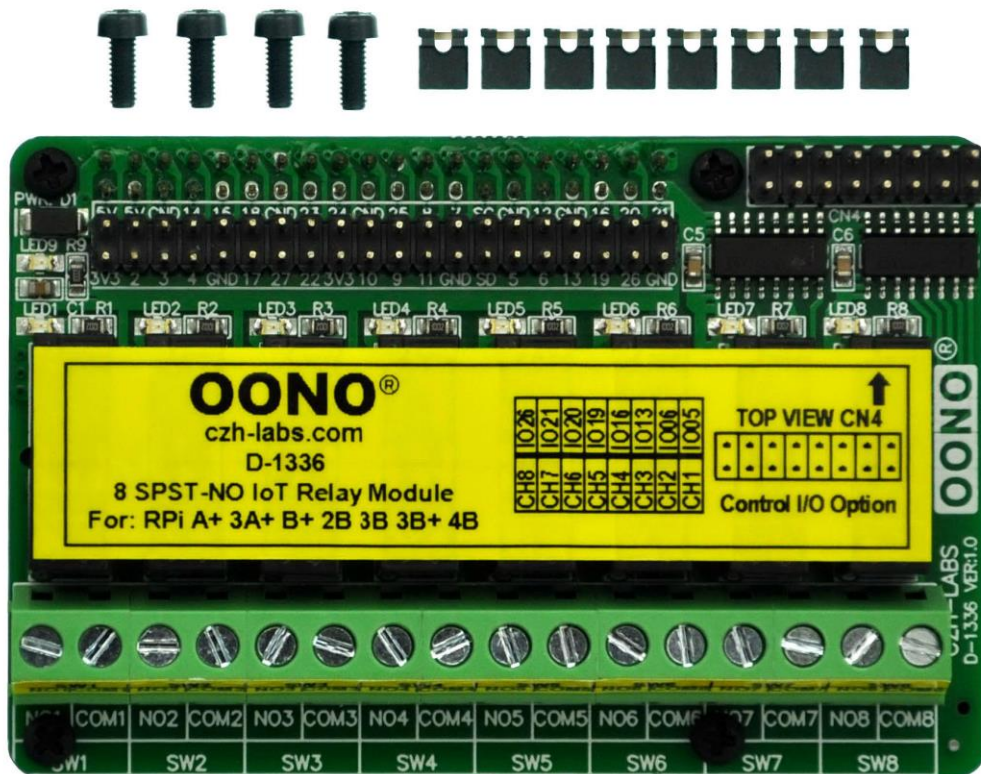


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**8 SPST-NO RPi IoT Power Relay Module
for Raspberry Pi A+ 3A+ B+ 2B 3B 3B+ 4B**

Model: D-1336



Features:

- Small and sturdy design, with the module you can easily extend Raspberry-Pi projects to IoT/industrial control applications. Support for Raspberry Pi A+ 3A+ B+ 2B 3B 3B+ 4B (NOTE: the item not include Raspberry Pi).
- 8 channels SPST-NO power relays (Single Pole Single Throw, Normally Open). Contact rating (each channel): 5Amp/250AC or 3Amp/30VDC.
- Power on LED indication, relay action LED indication corresponds to each channel.
- Dual PCB design, ensure the electrical insulation between the relay module switch and the Raspberry Pi, to avoid damage to the Raspberry Pi due to the high voltage of the switch.
- 2x20pin expansion header connector on board, all GPIOs of Raspberry Pi can be connected. But cannot support multiple HAT stacking.

Pin Jumper Control Signal Chose:

Short all pin jumpers. GPIO output HIGH relay action and switch on, GPIO output LOW relay no action and switch off.

GPIO5 control relay 1
GPIO6 control relay 2
GPIO13 control relay 3
GPIO16 control relay 4
GPIO19 control relay 5
GPIO20 control relay 6
GPIO21 control relay 7
GPIO26 control relay 8

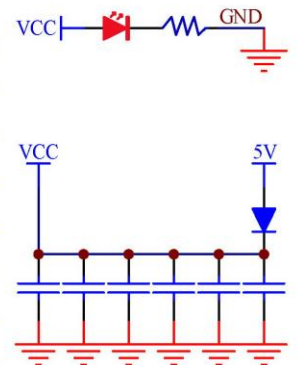
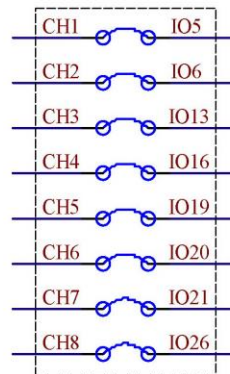
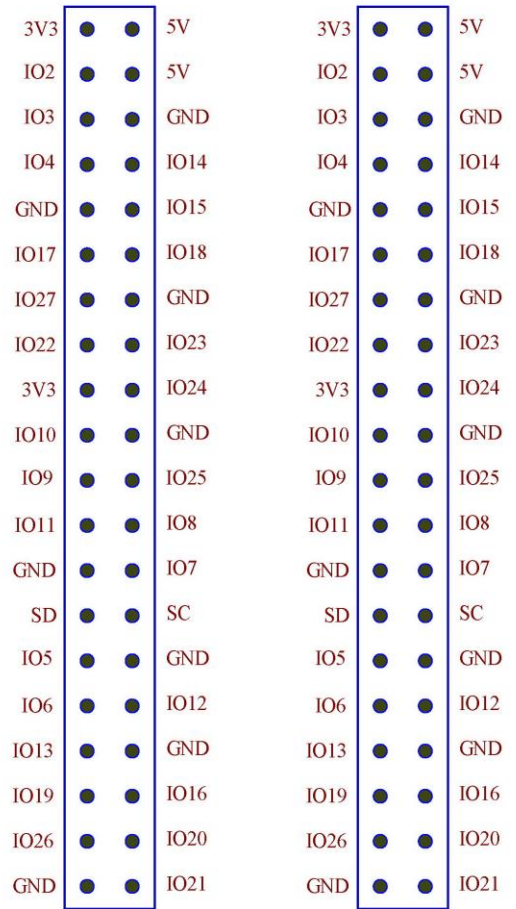
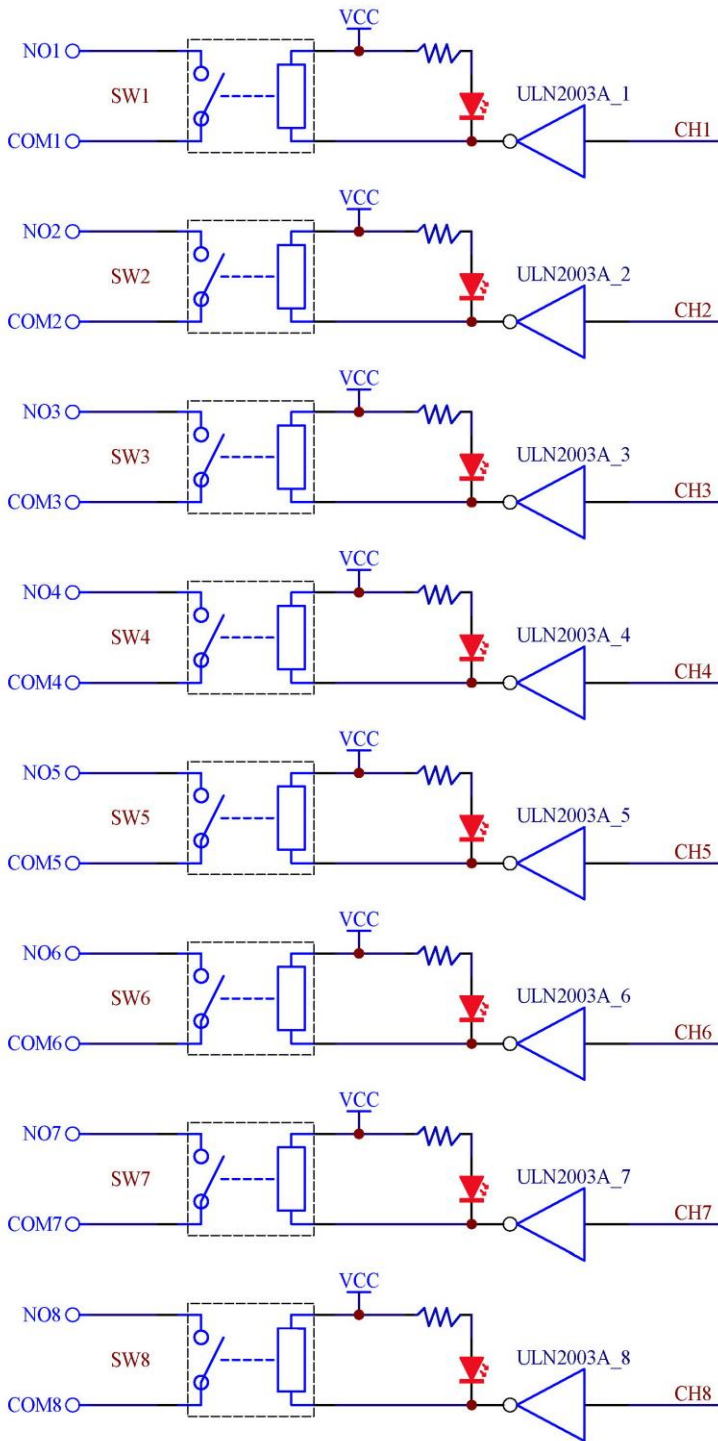
Relay:

Part Number: G5NB-1A-E 5VDC Power Relays.
Manufacturer: Omron.
Contact type: SPST-NO(Single Pole Single Throw, Normally Open).
Contact Rating (each channel): 250VAC/5A, or 30VDC/3A.

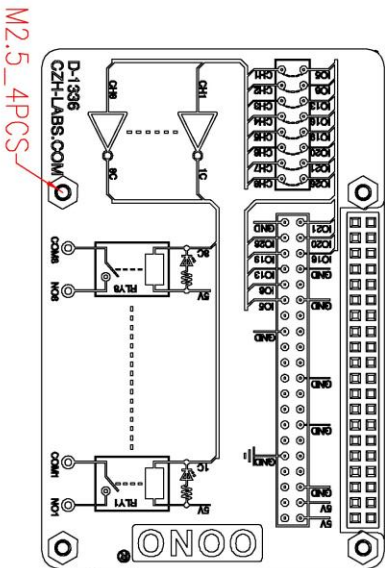
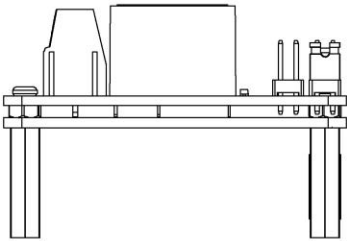
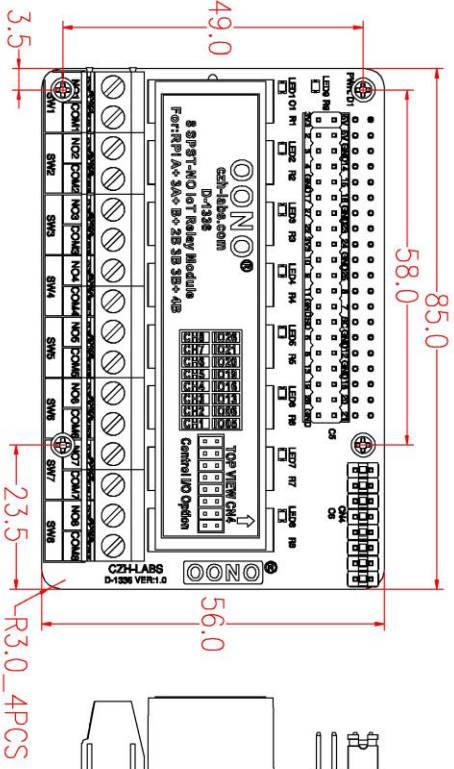
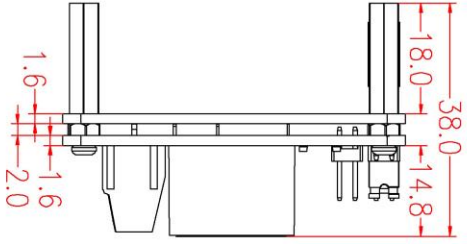
Terminal Block:

Pitch 5.0mm/0.197"
Strip length 5~6mm, screws - M2.5
Wire range 28AWG ~ 12AWG / 2.5mm square.
Maximum current 10 Amp (per position)

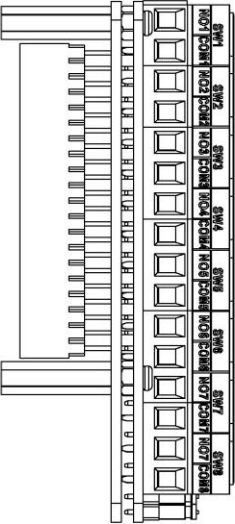
Simple Schematic(not 100% real schematic):



Dimensions:



Screw M2.5*6_4PCS



size unit:mm

