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4 SPDT 10Amp Power Relay Module
Model: F-1002 Series, Ver: 1.0



Feature:

- 4 Channel SPDT(Single Pole Double Throw) 10Amp power relays. It can be easily connect with Raspberry Pi or Arduino, or other IoT projects, or home automation control application.
- Darlington transistor circuits drive relay coil. LED indicators for power supply and each relay action.
- ABS plastic enclosure, you can use screw mount to wood board or wall, of course, can also be placed on the desktop.
- High quality screw terminal block. Pitch 5.0mm/0.197". Wire range 26AWG ~ 12AWG / 2.5mm square.
- Operating voltage versions DC 5V / 12V / 24V selectable.

Characteristic Parameters:

Operating voltage			
Voltage version	5V	12V	24V
Operating voltage range	4.2~7.5VDC	10~18VDC	19~36VDC
Operating current (relay all action)	300mA	130mA	70mA
Operating current (relay all no action)	< 1mA		
Control signal input			
Low level (Relay no action)	0V ~ 0.5V		
High level (Relay action)	2.5V ~ 24V		
High level current	0.1mA@2.5V 0.4mA@5V 1.1mA@12V 2.2mA@24V		
Output (relay switch) contact rating			
For AC	125/250 VAC, 10Amp		
For DC	30VDC, 10Amp		

Terminal Connect:



DC IN: Operating power supply input (V+).

GND: Operating power supply 0V(ground) and Control signal input 0V(ground).

IN-x: Control signals input.

NOx: Relay switch normally open terminal.

NCx: Relay switch normally close terminal.

Cx: Relay switch common terminal.

Terminal Block:

Pitch 5.0mm/0.197" screw terminal block.

Wire range 24AWG ~ 12AWG / 2.5mm square.

Strip length 7mm.

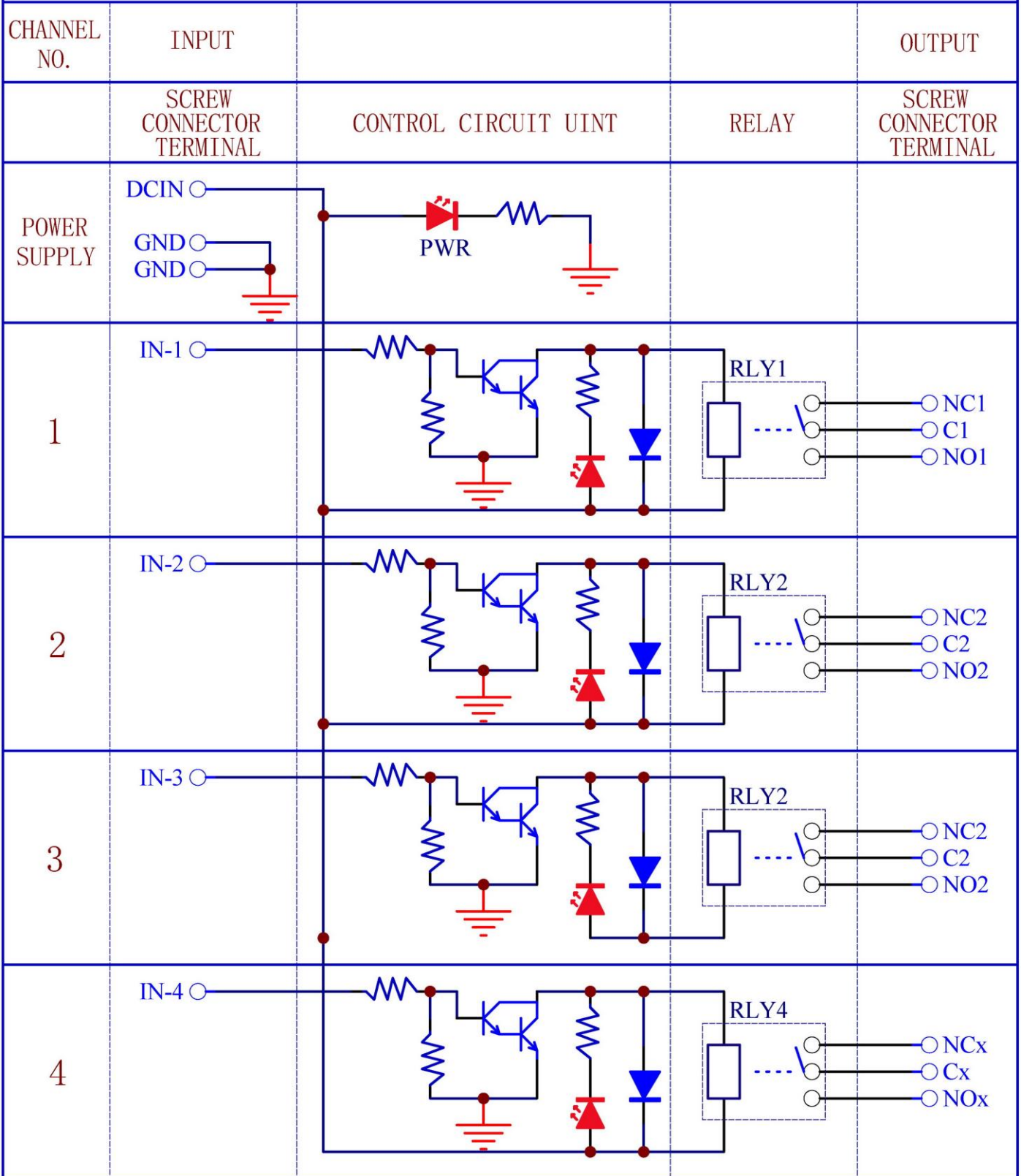
Screws - M2.5, steel, Cr3+ Zn plated.

Pin header and Cage - Brass.

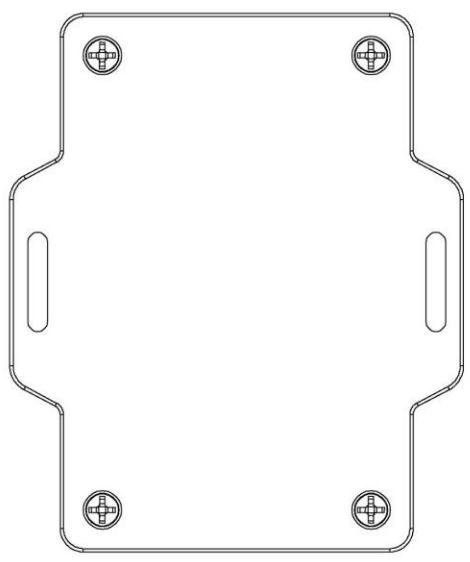
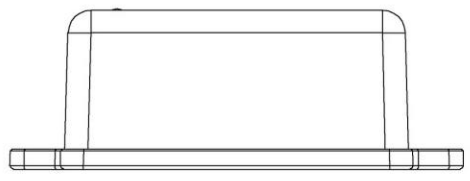
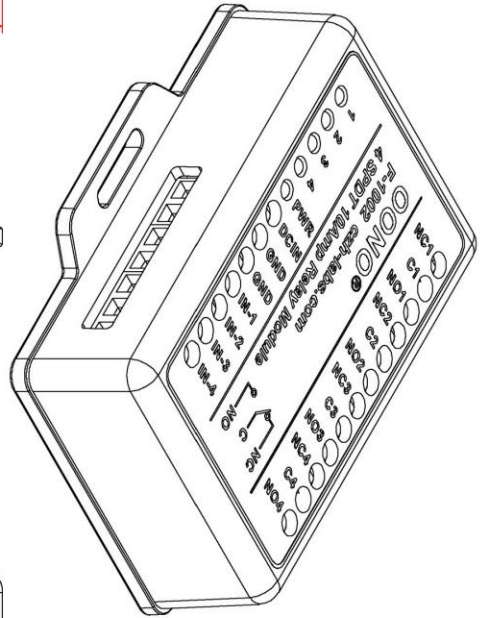
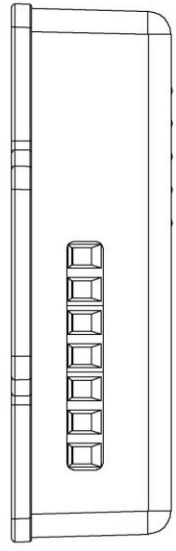
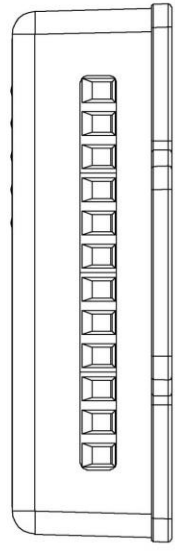
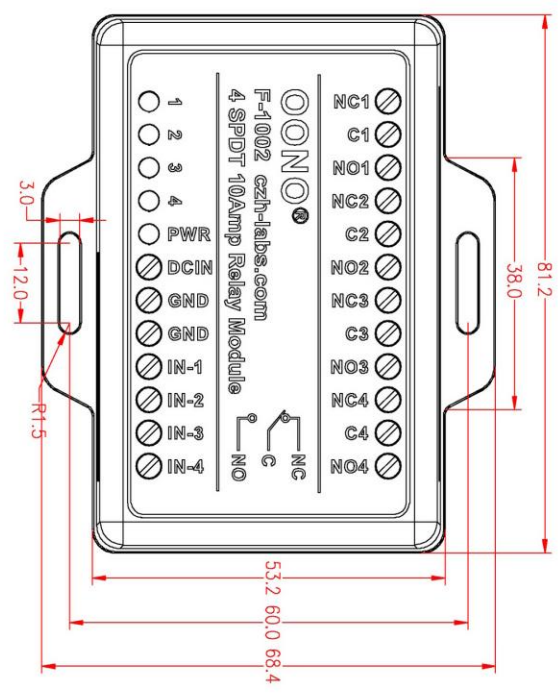
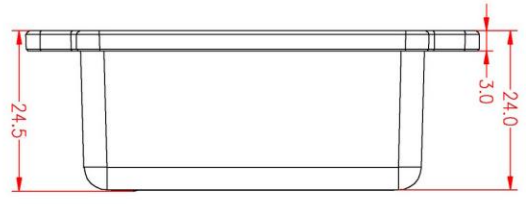
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Schematic:

SCHMATIC



Dimensions:



size unit:mm

