OONO®
CZH-LABS.com

Model: F-1024 series

3 Channels Momentary Switch Control SPDT 10Amp

Power Relay Module

Features：

- **Three button switches on module control different relays separately. Supports external connect momentary switches, supports wire connections length up to 10 meters/32 feet, of course, you can also connect longer wires, which need to consider the electrical interference of your application environment.**
- **Power supply LED indication, LED indication for per each relay action.**
- **Operating voltage DC 5V / 12V / 24V selectable. Three power relay SPDT(single pole double throw) switch output, support maximum voltage 250VAC / 30VDC, maximum current 10 Amp(per relay).**
- **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.**

Version:

	F-1024 5V	F-1024 12V	F-1024 24V
Operating Voltage	4.5 to 5.5VDC	10 to 15VDC	20 to 30VDC
Operating Current(max.)	220mA	100mA	50mA
Our Switch Rated Voltage	277VAC / 30VDC		
Our Switch Rated Current	10A		

Function Description(Example for channel 1):

1, Connect the DC-IN power supply, PWR LED turn to on, other LED all off, all relay output switches Cx to NOx disconnect and Cx to NCx connected.

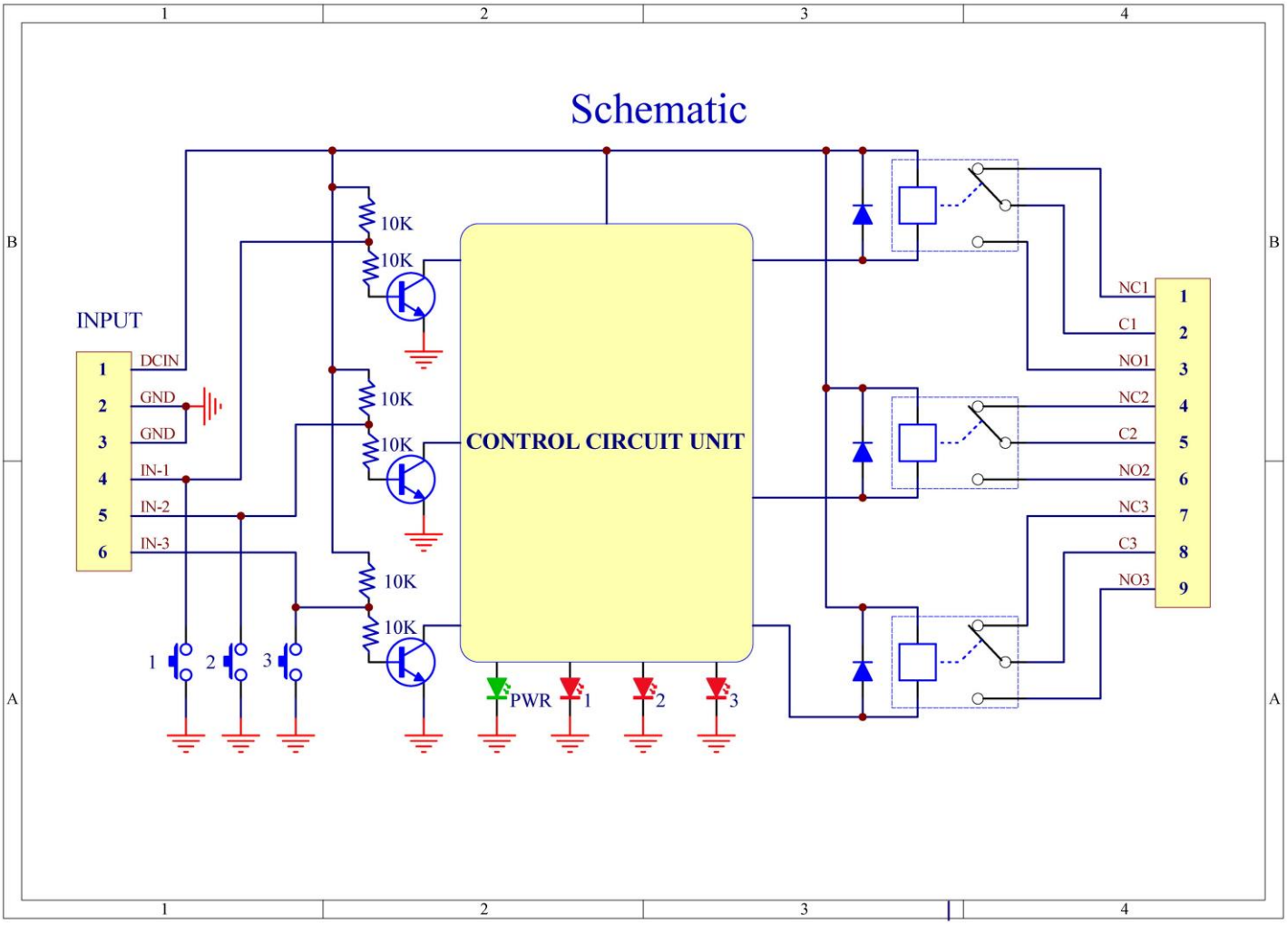
2, Click button 1 or external momentary switch 1, LED 1 will turn to on, C1 to NO1 will connected and C1 to NC1 disconnect.

3, Click again button 1 or external momentary switch 1, LED 1 will turn to off, C1 to NO1 will disconnected and C1 to NC1 connected.

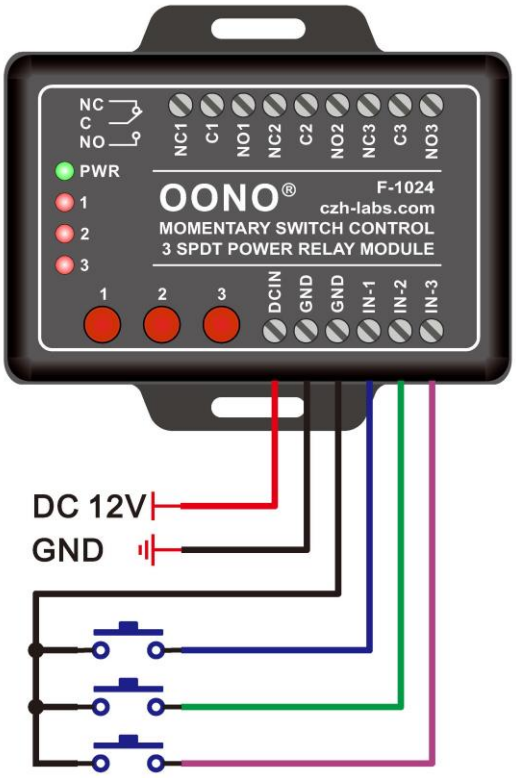
4, Continue to click button 1 or external momentary switch 1, the above step 2 and 3 actions will be repeated alternately.

Note: the product no power-off memory function, when the DC-IN is turned off, all the relay switches will return to the original state, Cx to NOx disconnect and Cx to NCx connected.

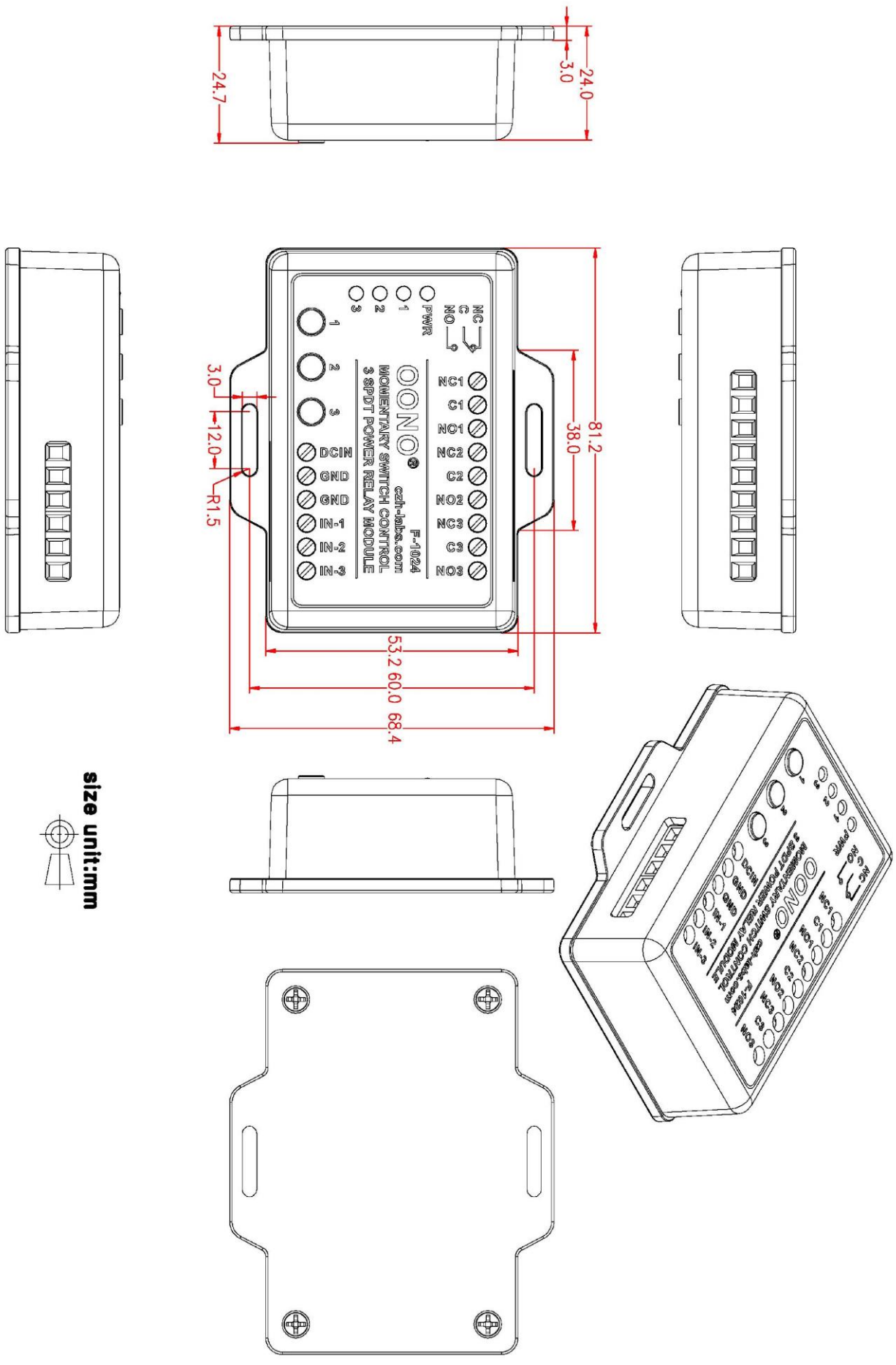
Internal Schematic (Simplified):



Power Supply and Input Switch Wiring Diagram (example for 12V version):



Dimensions:


24.7
3.0
24.0
PWR
1
2
3
NC
C
NO
NC1
C1
NC1
NC2
C2
NO2
NC3
C3
NO3
DCIN
GND
GND
IN-1
IN-2
IN-3
ONNO
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F-1024
MOMENTARY SWITCH CONTROL
3 SPDT POWER RELAY MODULE
3.0
12.0
R1.5
81.2
38.0
53.2
60.0
68.4
size unit:mm