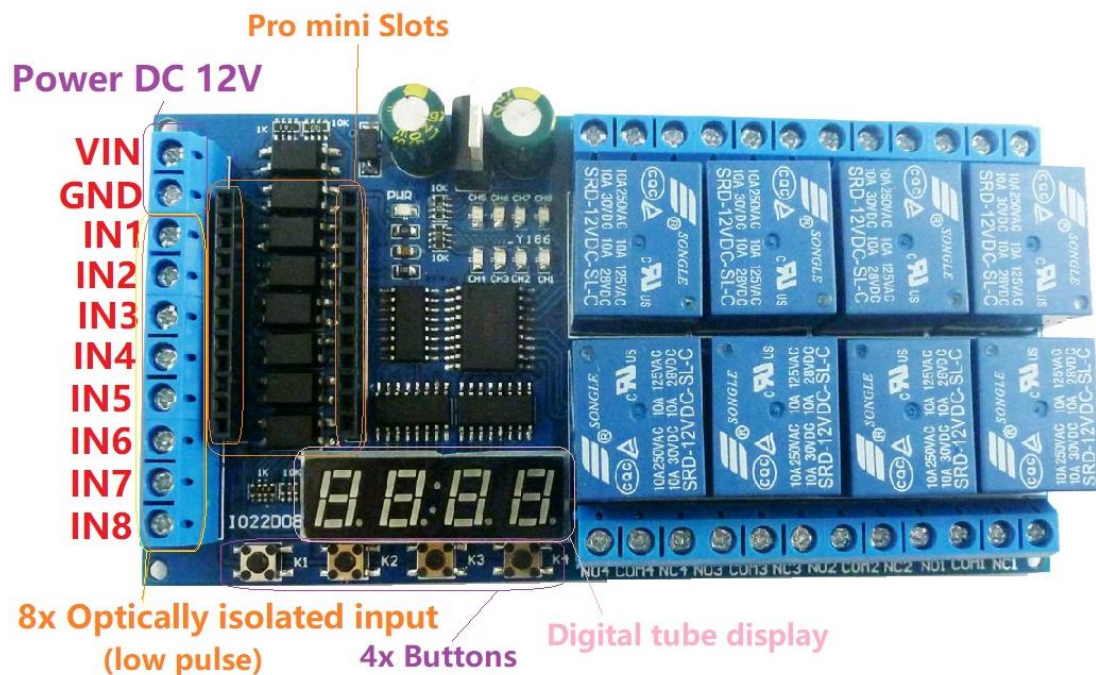# IO22D08 8ch Pro mini PLC Instructions

Product Features:

1 Operating voltage: DC 12V

2 Operating Current：Standby current (Digital tube OFF) 12MA, Standby current 48MA (Digital tube ON), 1 relay open 76MA, 2 relays open 104MA, 3 relays open 131MA, 4 relays open 162MA,5 relays open 184MA, 6 relays open 209MA, 7 relays open 255MA, 8 relays open 288MA

3 on-board resources: 8x opto-isolated inputs (low level trigger, NPN type), 4x buttons, 1 4 bit digital tube display, 1 pair of Pro mini slots, 8 relay outputs

4 size　120*62*19mm

5 Weight : 131g

As long as you write ARDUIUO code(sketch),You can use it to achieve a variety of delay timer function,such as:

Motor forward and reverse,

Timing on,

Timing off,

Power-up delay,

Trigger delay,

Infinite loop delay,

A finite number of cyclic delays,

Power sequencer,

And so on.

We provide the code(sketch) can only achieve a simple delay function,The delay time is adjusted

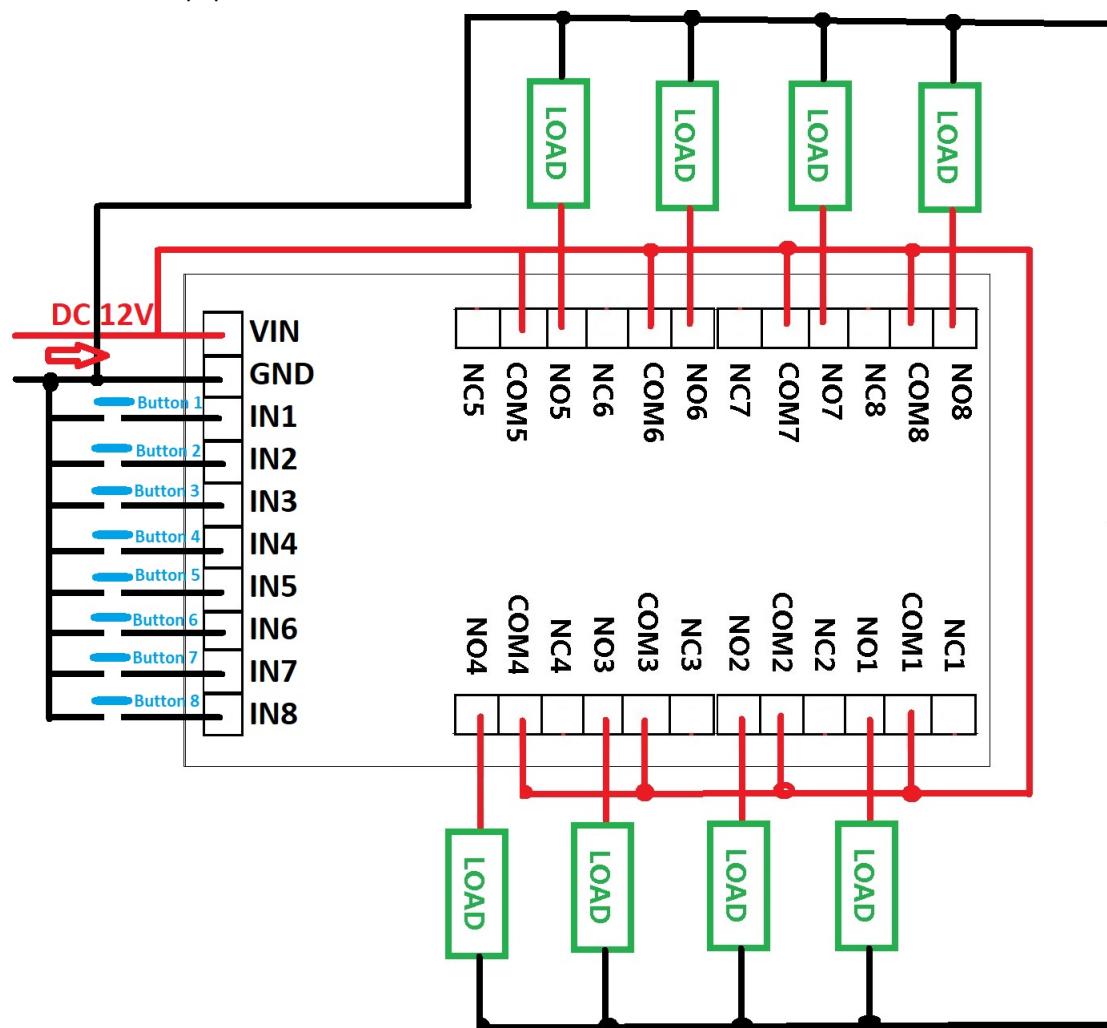by modifying the delay parameter of the code(sketch).

If you need more functionality, write your own code. We do not provide additional code(sketch) and technical support

How to use: See video " IO22C04 pro mini delay relay demo"

Note: IO22D08 can not work independently, must be under the control of the Pro mini board to work,If you do not have a Pro mini board, purchase it separately or purchase a kit with Pro mini

Typical applications:

1 DC 12V control circuit,Wiring diagram below. "LOAD" may be LED lights, fans, toy car and other DC 12V equipment

2 DC 1-100V OR AC 85-265V control circuit,Wiring diagram below. "LOAD" may be LED lights, fans, motors and other DC AC equipment

DC 1-110V OR AC 85-265V

LOAD LOAD LOAD LOAD

DC 12V

VIN
GND
Button 1　IN1
Button 2　IN2
Button 3　IN3
Button 4　IN4
Button 5　IN5
Button 6　IN6
Button 7　IN7
Button 8　IN8

NC5 COM5 NO5 NC6 COM6 NO6 NC7 COM7 NO7 NC8 COM8 NO8

NO4 COM4 NC4 NO3 COM3 NC3 NO2 COM2 NC2 NO1 COM1 NC1

LOAD LOAD LOAD LOAD