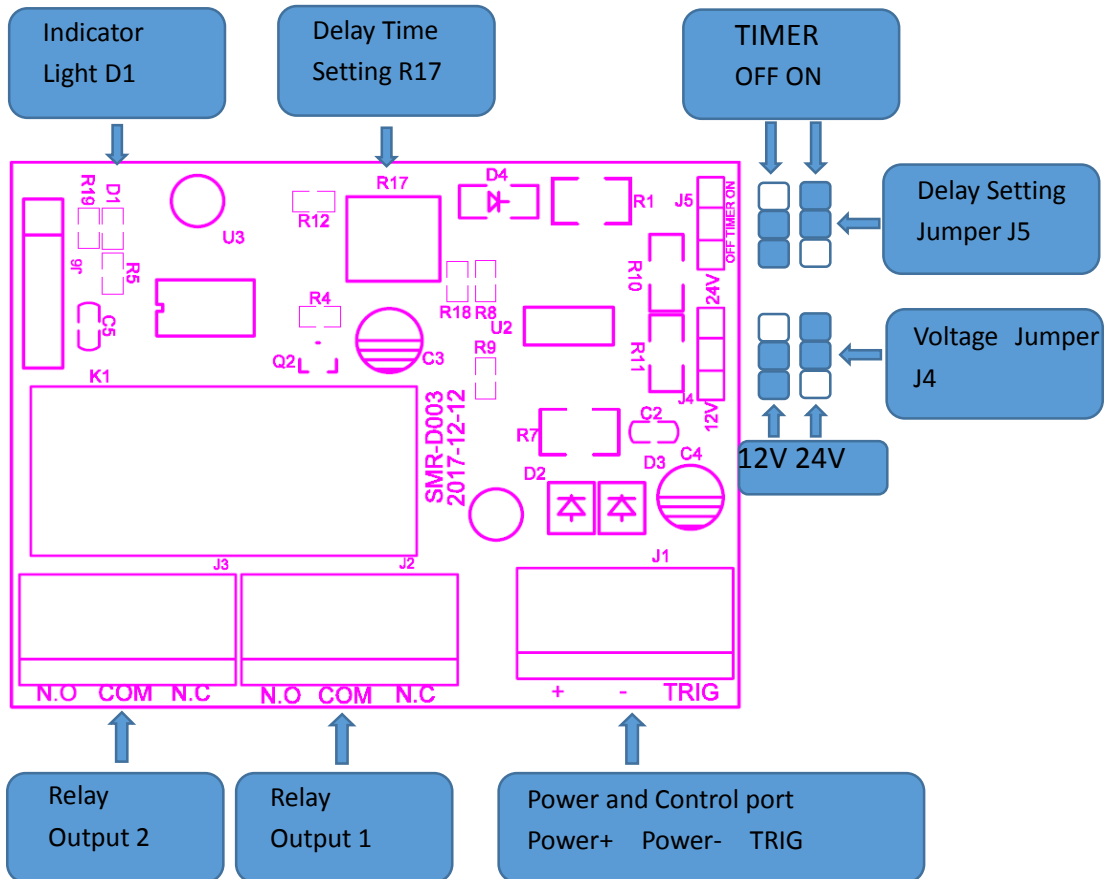


SMR-D003 Relay module using instructions

1. Relay Module Structure:



2. Using:

2.1 Before powering it, please choose the “J4” and “J5” jumper position according to the using situation and function.

Please put “J4” on “12V” position when powered by 12VDC, and put on “24V” position when powered by 24VDC.

When using the time delay function, please put “J5” at “ON” position, if not please keep it at “OFF” position.

2.2 After “J4”&“J5” set, power it,

If “J5” at “OFF” position, the Indicator light D1 will be on, Relay output 1 and 2 will output Close signal from NO terminal until power off.

If “J5” at “ON” position, the Indicator light D1 will be on, Relay output 1 and 2 will output Close signal from NO terminal, and after a period of time the Relay will act, then the Indicator light D1 will be off, Relay output 1 and 2 will output Open signal from NO terminal.

The delayed time is set by switch “Delay Time Setting R17”. User could set the wanted delay time at any time when powered. Counterclockwise adjustment will reduce the delay time, and Clockwise adjustment will add the delay time. The minimum delay time is 0.5 seconds, and the maximum delay time is 60 seconds.

Note: The switch Factory default is on 0.5 seconds position.

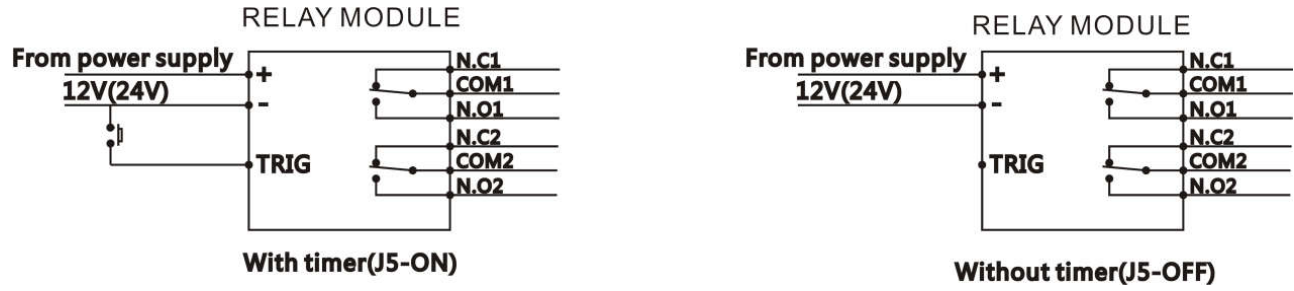
2.3 Power and control port

+ : Positive port of the 12V/24V

- : Negative port of the 12V/24V

TRIG: Negative trigger port for the relay to react. Useful only when “J5” is at “ON” position. After the relay acted, trigger the TRIG port to make the relay act again.

2.4 The basic wiring control circuit diagram are as below:



3.Parameter

Item	Test Conditions	Unit	Test Value	Limit Value
Voltage	Working voltage	V	12(24)	± 20%
Current	Relay Standby	mA	10	<15
Current	Relay Act	mA	53	<60
Delay Time	Powered or Triggered when delay function ON	S	0.5-60	± 20%

4.Product Dimension (Unit: mm):

