Instruction

The multi-function relay control module is specially designed for users with various requirements. It adopts the microcontroller as the main control unit with 32 functions preset. Users can use the corresponding specific functions according to the actual requirements. Can be used in water pump control, motor control, lamp belt control, solenoid valve control and so on.

1. New upgrade, increasing the number of module functions to 32, to meet more application requirements.
2. Anti-backconnection function of power supply, which will not damage the module due to wrong power supply.
3. Timing accuracy to 0.01 second. 0.1 seconds (minimum) ~999 minutes (maximum) optional
4.. Low power saving Settings, you can turn off the display area. Product parameters:
Commodity name: Multi-function delay relay
Relay V number: DC5V/12V/24V
optional Input voltage:
5V Version: DC5V power supply;
12V version: DC12V power supply;

24V version: DC24V power supply

Output load: dc 30V, Max 10A. Ac 250V, maximum 5A.

Trigger signal: 5V version (high level: 5V);

Both 12V (HIGH level: 12V) and 24V (high level: 5V) low levels are 0V. Static current: 20mA

perating current: 60mA

Operating temperature: -25℃-85℃

Power off memory: Yes

Product weight: ≈26g,

product size: 65 x 34.3 X 17.5 (MM)

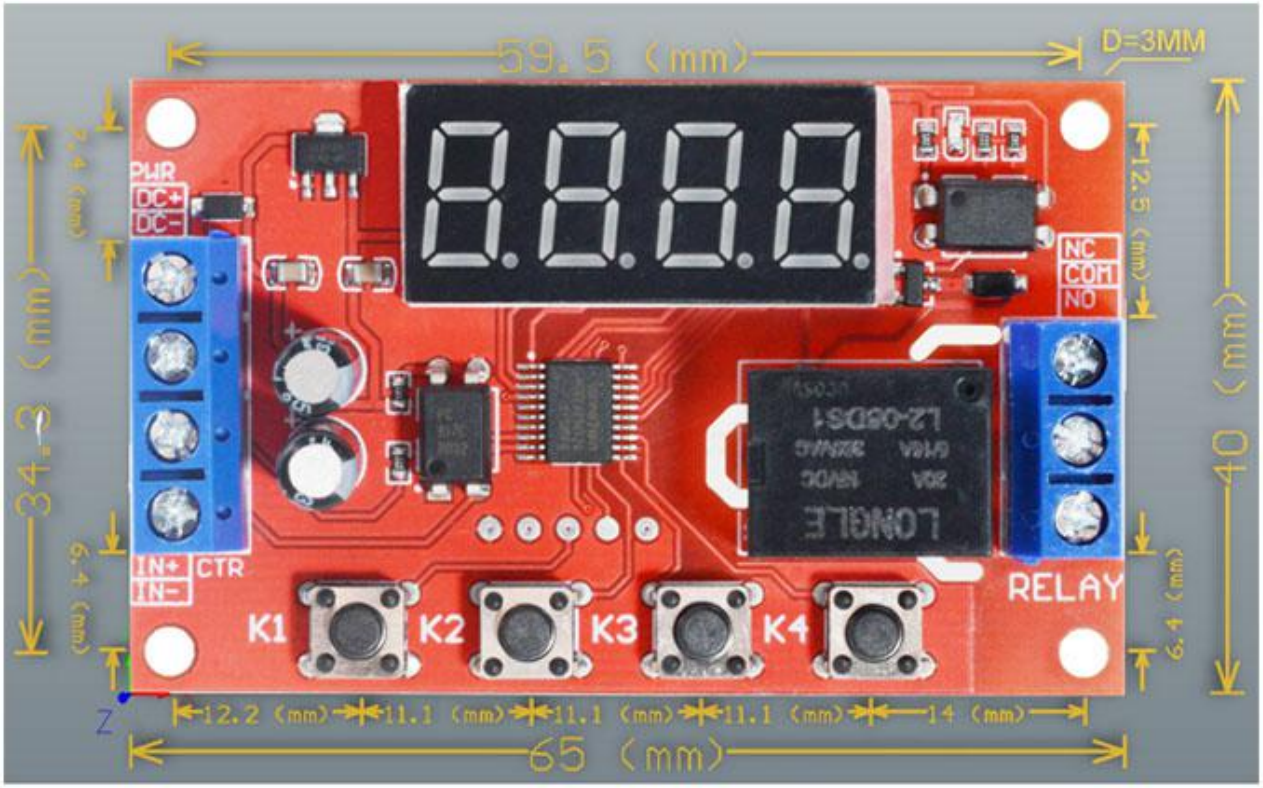
Manual measurement is for reference only.

The actual size is subject to the material object Warm tips:

1. Please select the required V version (according to the relay identification difference above, the relay is 5V instant 5V version) to avoid wrong purchase.

2. The output of relay is passive contact without current output to control the on-off effect of a line.

3. Please input the trigger voltage strictly according to the selected version



Instructions for use:

Working mode (32 kinds) :

P-11: Inching mode with suction and no disconnection.

P-12: Self-locking mode, and the relay state is reversed once after each trigger.

P-13: When triggered, the relay pulls in and disconnects after A time delay; Invalid trigger during delay.

P-14: When triggered, the relay pulls in and disconnects after A time delay; Retiming is triggered during a delay.

P-15: When triggered, the relay pulls in and disconnects after A time delay; Accumulative timing is triggered during delay.

P-16: When triggered, the relay pulls in and disconnects after A time delay; Trigger reset (relay disconnection) during delay.

P-17: When triggered, the relay pulls in during the signal duration, the input signal disappears, and the relay is disconnected after A time delay; During the delay, the relay is triggered again to keep the suction, and the timing stops until the last signal disappears, and the relay is disconnected after the delay of time A.

P-18: After the power is switched on, the relay will pull in immediately and disconnect after A second delay; Until the next power cut.

P-21: Signal feed, relay suction after delay A time.

P-22: Give the continuous signal. After A time, the relay pulls in; The signal disappears and the relay disconnects.

P-23: When the signal disappears beyond time A, the relay pulls in; There is a signal, the relay is off.

P-24: Give the continuous signal. After A time, the relay pulls in; When the signal disappears beyond time A, the relay is disconnected.

P-25: Give the continuous signal. After A time, the relay pulls in; Give the continuous signal again, after A time, the relay is disconnected

P-26: Signal is given and the relay is disconnected after absorbing A time; After the signal disappears, the relay pulls in again for A second and then stops

P-27: the relay with pulse signal (rising edge or falling edge) is disconnected, and there is no pulse signal. The relay will be absorbed after A time delay (both continuous high level and continuous low level are considered to have no pulse).

P-28: After power on, the relay will pull in after delay time A until power off.

P-31: After power on, the relay pulls in time A and disconnects time B, infinite cycle; The power is off.

P-32: With continuous signal, the relay pulls in A time, disconnects B time, infinite cycle; The signal disappears and the loop is terminated. P-33: Give A signal, the relay pulls in A time, disconnects B time, infinite cycle; Give the signal one more time to stop the loop.

P-34: After power on, the relay will pull in after delay time A, and disconnect after pull in time B.

P-35: Signal is given once. After delay of time A, the relay pulls in and shuts off after time B.

P-36: Give the continuous signal. After A time, the relay will pull in and disconnect after B time. Signal disappeared, time reset, relay disconnected.

P-37: There is A signal. The relay will automatically disconnect after it pulls in time A, and then timing time B after it is disconnected. The signal trigger will be invalid within time A+B.

P-38: There is A signal. The relay will automatically disconnect after absorbing A time, and then timing B

time after disconnecting, and automatically disconnect after absorbing A time again.

P-41: No action on signal; Signal vanishing trigger; The relay is disconnected after absorbing the delay time of A.

P-42: the signal disappears and the relay pulls in after A time delay; The relay disconnects after B time delay.

P-43: The signal disappears, and the relay pulls in after the disappearance exceeds time A; The relay disconnects after B time delay.

P-44: After power on, the relay attracts time A and disconnects time B; The relay disconnects and stops after C cycles.

P-45: No action after power on; After giving the signal, the relay attracts A time and disconnects B time; The relay disconnects and stops after C cycles. Give the signal, then execute again.

P-46: When the signal is given more than A times, the relay pulls in; Keep the suction; The power is off.

P-47: When the signal is given more than A times, the relay pulls in; Disconnect after suction B time.
P-48: In C time, after continuous signal feeding for more than A times, the relay will disconnect and stop after absorbing B time.

Table showing the position of the decimal point and the unit of time it represents: The decimal point is in the hundreds place, and the time range is 0.01~9.99 seconds Xx. X decimal point in ten place, time range 0.1~99.9 seconds XXX has no decimal point and the time range is 1-999 seconds XXX. The decimal point is in one place and the time range is 1-999 minutes
Turn off display: In non-set state, press K4 to turn off the display screen, then press again to open it again.
Description of working parameters setting: Hold down the K1 key and hold it until p-XX appears on the screen 2 seconds later. Press K2 and K3 to change the working mode. After selecting the working mode, press K1 to enter the time setting of A, and Axxx is displayed on the screen. At this time, press K2 and K3 to modify the time parameters of A, press K2 and K3 to add and subtract 1 for short, long to add and subtract 10 for fast, and press

K4 to set the position of the decimal point. After setting time A, press K1 to set time B. BXXX is displayed on the screen. At this time, press K2 and K3 to modify time parameters of B; press K2 and K3 to add or subtract 1 for short; press K4 to add or subtract 10 for long; and press K4 to set the position of the decimal point. After setting the B time (in the case that the mode has C cycle number parameter), press K1 to set the C cycle number, and the screen shows Cxxx. At this time, press K2 and K3 to modify the C cycle number parameter, press K2 and K3 to add or subtract 1 for short, and press long to add or subtract 10 for fast. After setting, press the K1 key one last time to exit the setting state and save all parameters. Description of wiring port: DC+ input DC power positive pole DC- input DC power negative pole IN+ signal input positive pole IN- negative input terminal NO relay always start interface, relay suction and COM short connected, not closed suspension; COM relay common end interface Normally closed end interface of NC relay. When the relay fails to suck, it is short connected with COM. When the pull, it is suspended.