



Product Name: Programmable timer relay module

Model: DK-C-01

Working voltage: DC12V (normal operating voltage DC10V-16V)

Source: DC4V ~ 20V (positive trigger common power button, PNP sensors, PLC signals, etc.)

Output capability: You can control the DC or AC 220v5A within 30v5A within

Quiescent Current: 20mA,

working current: 50mA

Life: more than 10 million times;

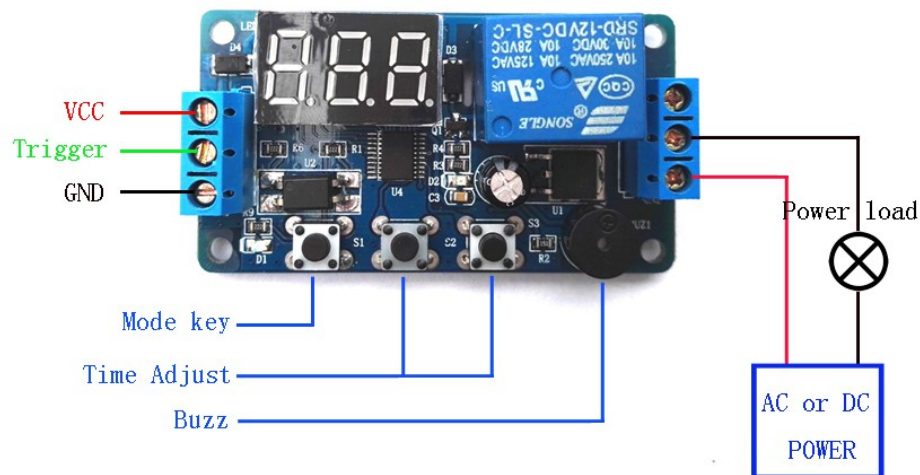
Working temperature: -40 ~ 85'C;

Weight: about 26g

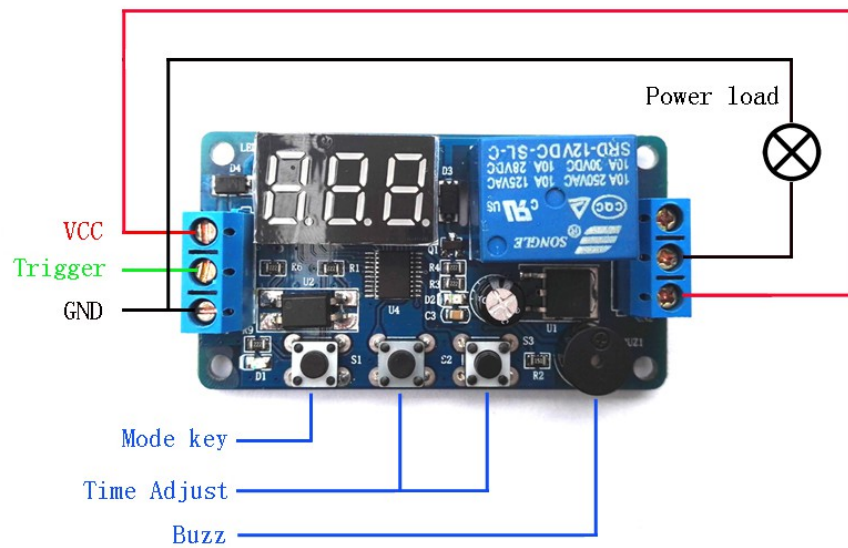
Dimensions: 64.2mm * 34.8mm * 18.5mm

Features: anti-reverse voltage input circuit, worry-free wiring. Signal input optocoupler isolation, anti-interference ability. Set the parameters of power and permanent memory. Powerful flash MCU online programming capabilities, according to user needs can contact the manufacturers to customize the functionality.

Modules and devices are powered wiring diagram:



power supply modules and devices sharing wiring diagram:



Features:

- S1:** power on, press S1 2 seconds to enter mode selection menu, press S1, choose P-1 ~ P-4 mode.
- S2:** OK / Shift key: Press to adjust the position of the LED is blinking, which LED is blinking, S3 to adjust the value of digital tube flicker. Until you press S2, the digital is no longer flashing.
- S3:** digital display flashes, S3 adjustment digits from 0-9 successively changed. Normal digital tube display, S3 to adjust the position of the decimal point, the decimal point in bits 0-999 minutes; in 10 bit from 0 to 99.9 seconds; no decimal point indicates 0-999 seconds.

Model Description:

- P-1:** triggering signal is received, the relay is turned on, the timer expires, the relay off.
 - A1: During the delay trigger again invalid
 - A2: During re-timing delay trigger again
 - A3: Delay trigger again during termination timing relay reset
- P-2:** triggering signal is received, X start time, the end of counting relay, Y start time, the end of counting the relay off
- P-3:** Cycle Switch Mode
 - A1: After power relay is turned on, the end of the timing off, an infinite loop.
 - A2: After power relay is off, the timing turned end, an infinite loop.

Instructions:



P-1 mode: Long press S1 2 seconds to enter mode selection menu, press S1, select P-1, press S2 OK; automatically jump to the menu to select the function after pressing S1 (A1 A2 A3 optional), press S2 OK; automatically jump to set the time, press S3 to adjust the position of the decimal point, automatically jump press S2 OK LED is blinking, press S3 to adjust the flashing digits from 0-9 successively changed, press S2 to determine the order of operation until the blinking stops, set fixed end.

P-2 mode: Long press S1 2 seconds to enter mode selection menu, press S1, select P-2, press S2 OK; automatically jump to the [closing time] settings, press S3 to adjust the position of the decimal point, automatically jump press S2 OK turn LED is blinking, press S3 to adjust the flashing digits from 0-9 successively changed, press S2 to determine the order of operation until the flashing stops, the green light; the time to jump to the [open] setting, press S3 to adjust the position of the decimal point, press S2 OK after automatically jump, LED is blinking, press S3 to adjust the flashing digits from 0-9 successively changed, press S2 to determine the order of operation until the flashing stops, setting the end.

P-3 mode: Long press S1 2 seconds to enter mode selection menu, press S1, select P-3, press S2 OK; automatically jump to the menu to select the function after pressing S1 (A1 A2 optional), press OK S2 ; automatically jump to the [closing time] settings, press S3 to adjust the position of the decimal point, automatically jump press S2 OK LED is blinking, press S3 to adjust the flashing digits from 0-9 successively changed, press S2 to determine the order of operations until the blinking stops , green light; the time to jump to the [open] setting, press S3 to adjust the position of the decimal point, automatically jump press S2 OK LED is blinking, press S3 to adjust the flashing digits from 0-9 successively changed, press S2 to determine the order of operations until the flashing stops, setting the end.

P-4 mode: Long press S1 2 seconds to enter mode selection menu, press S1, select P-4, press S2 OK; automatically jump to set the time, press S3 to adjust the position of the decimal point, and press S2 automatically jump OK, Digital flashes, press S3 to adjust the flashing digits from 0-9 successively changed, press S2 to determine the order of operation until the flashing stops, setting the end.