

Multi Functional Clock and Time Control Relay with Voltage Detection

Description:

This controller is compatible with a variety of operating modes. Each mode can work independently or together. It features in controlling relay by time point or time period; controlling timing cycle by time period; controlling time relay together by time point, time period and voltage detection; discharge instrument function; week & days control function. It can meet various time control and voltage control requirements.

Technical Parameter:

Working Voltage: DC 10~15V

Standby Current: ≤10mA

Dimension: 67mm x 47mm

Contact Mode: normally open and normally closed

Contact Load: 10A

Operating Temperature: -30 ~ +85°C

Clock Error: ≤2 seconds per day, can pre-set to correct

Battery (CR1220) for the clock can work for 3 years

Timing Range: 1-999 seconds or 1-999 minutes

Maximum Time Point / Time Period Set: 30 sets

Voltage Detection Range: DC 0~99.9 V (±0.1V)

The pre-set parameters can be saved after power turns off, and continues to work after power turns on.

Working modes:

P-1: clock control mode (control relay according to each time point)

for example, pre-set 4 sets of time point each day: 8:00 – open; 12:00 – close; 15:30 – open, 18:30 – close

P-2: week control mode (pre-set relay on / off from Monday to Sunday and cycling days)

for example, pre-set Monday ~ Friday: 8:00 – open, 12:00 – close, 15:30 – open, 18:30 – close; Saturday and Sunday: close; cycle 10 days

P-3: time control mode (pre-set relay open / close time and cycling numbers)

for example, pre-set each day in four time points 8:00, 12:00, 15:30, and 18:30, the relay close 2 seconds and open 3 seconds, cycle 5 times

P-4: voltage detection control mode (pre-set upper / lower limit of voltage detection, control relay open / close)

for example, pre-set each day: 8:00~18:30 detecting voltage higher than 12.8V, the relay close; detecting voltage lower than 11.5V, the relay open

P-5: pre-set automatic close time of LED digital tube (1 second ~ 9 minutes or normally on)

