

### I. Application

NBL325-2 Timer Switch can be widely used in construction and industry, school, factory, hospital, family and other fields. It can automatically turn on and off various electric devices according to the time set programming by the user. The control objects can be street lamps, light boxes, neon lights, stage control lights, production equipment, agricultural cultivation, humidification of warehouse exhaust air, automatic preheating, radio and television equipment and all other storage equipment and household appliances that need to be opened and closed regularly.

### II. Technical Parameters

Us: 50 HZ AC220V  
 Ue/Ie: AC - 15, 220 v / 3A  
 Ith: 10A  
 Operating temperature: -20°C ~ 70°C  
 Power consumption: about 1.5VAC  
 Display : LCD  
 Blackout memory: 3 years  
 Timing error: 1s/24h 25 °C  
 Program times: 25 switches (day/week)  
 External battery: 2450 large capacity lithium battery

Overall dimension: 99x63 x45mm  
 Product weight: 160 g  
 Standard: GB/T14048.5

### III. Operation Instructions

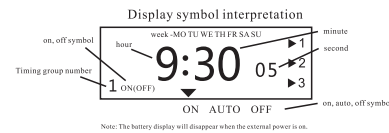
- Keyboard lock:**  
If you do not press the key for 30 seconds, the keyboard will lock automatically, the lower left corner of the display screen shows a "Ⓛ", indicates that the keyboard is locked. Once locked, all keys are invalid. If you want to unlock or lock the screen, press the "C/R" button four times.
- Clock mode (setting current time):**  
Press "D+", "H+", "M+" to set the current time.
- Program mode (setting ON or OFF time):**  
(1)ON: Press "P" button, showing "1ON" at the bottom left of the display screen (indicating the first group of ON time), then press "D+" button to select the opening day (multiple modes are optional), and then press "H+" and "M+" button to set the opening hour and minute. There are three options on the right side. Press the "MANUAL" button to select the route (ON ,AUTO ,OFF).

(2)OFF: Press the "P" button again, showing "1OFF" at the bottom left of the display screen (indicating the first group of OFF time), operation as above.

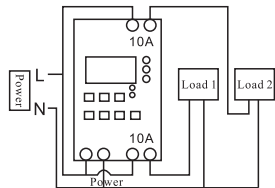
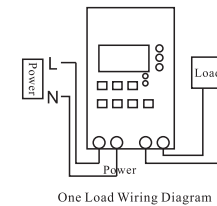
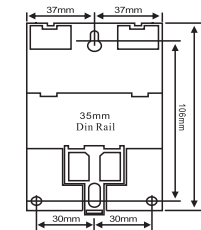
(3)If you need to set more than one group of ON and OFF time, please continue to press the "CLOCK" button, the lower left part of the display screen shows "2ON" "2OFF", ..... "25ON" and "25OFF", operation as above.

(4)Press the "CLOCK" button to confirm the above operation.

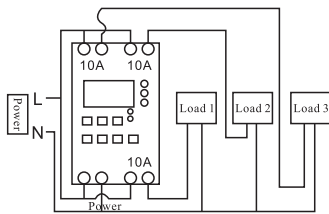
4. "AUTO/MANUAL" mode:  
When the above operation is finished, please press "MANUAL" button, "▼" under the display screen to "AUTO" position, at this time, the timer switch can automatically ON and OFF according to the programming set by the user. If it is necessary to turn ON and OFF temporarily, just press "MANUAL" key to adjust "ON" or "OFF".



### IV. Installation Dimensions and Wiring Diagram



Two Load Wiring Diagram



Three Load Wiring Diagram

### V. Fault Inquiry and Attention

- Fault inquiry:**
- Error indication:**  
E1- no start time ;  
E2- no end time ;  
E3- ON and OFF time is same;
  - If timer switch is not ON when it is set to be on, or does not OFF when it is set to be off, please check whether the date is correct.
  - If you confirm that the "ON" and "OFF" times are set correctly, but it turn on or off at the wrong time, please check whether the extra programming are eliminated. If not, please refer to "Time Settings" steps to eliminate the programming.
  - If both of the above steps are correct and the switch is still abnormal, please check whether "▼" is in the automatic position.

#### Attention:

- Please do not use this timer switch for those equipment (such as medical equipment or other large equipment) that may cause death or have a significant impact on the society due to error of the timer switch.
- For those equipment (such as large heater

or cold storage, etc.) that suffers heavy property loss due to the error of timer switch. When using this timer switch, please make sure that the value of characteristics and performance has enough margin, and take safety measures such as double circuit.

- Do not repair, decompose or transform by yourself. Repair inspection and other work must be entrusted to the dealers.
- Do not touch the terminal part after power on.
- The switch works in an environment free from moisture, corrosion and high metal content. Do not contaminate it with oil or water.

## Multichannel Timer Switch Manual

