

# GENERAL INFORMATION

KG316T-II



KG316T-II widely used in the production equipment, street lamp, light box, neon light, warehouse ventilation, agricultural cultivation, automatic preheating, radio and television, etc., is the ideal control products.

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This Digital Timer is accurate to the minute, designed with 15-combination of Daily-Programs which can lead great convenience to users upon choosing the required days in a week for operation the timer.

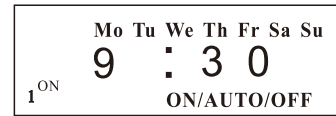
## BASIC FEATURES:

- Panel mounted
- Advanced pre-setting one week before
- Digital electronic timer switch with daily & weekly programs
- Repeat programs with 18 on/off setting and manual override
- Lithium battery power reserve when electric supply cut off

## TECHNICAL DATA:

- Standard working power supply: 220V/50Hz
- Voltage range: 176~250V
- Switch resistance load capacity: 25A
- Inductive load: 20A
- Consumption Power: < 3VA
- Timer range: 1 mins-168 hours
- Regular timer: 18 times ON/OFF(day/weeks)
- Time error: < 1s/day (25°C)
- Environment temperature: -25~60°C
- Relative humidity: < 95%
- Dimension: 99\*56\*42mm
- Weight: 130g
- Have Hibernation feature
- Battery life: 5 years(Lithium battery)

## PROGRAMMING THE TIMER



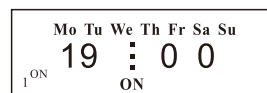
### Keyboard lock usage

Press 'C' key can reset the product. Press the 'C/R' key 3 seconds to sleep/wake up the screen. The keyboard will not automatically lock, press 'SET' key 3 seconds to lock/unlock the keyboard.

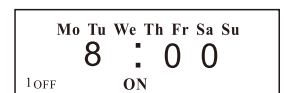
### A. Functional description to buttons on panel

- Ⓟ : programs review & setting programs
- MANUAL: To select ON, AUTO or OFF
- ⌚ : To adjust current DAY and TIME
- D+ : To adjust day or week
- H+ : To adjust hour
- M+ : To adjust minute
- C: Reset the Timer
- LED: To indicate ON/OFF status

Press c button to reset Timer before programming  
 9. As shown in picture 1, three flashes points, the switch is not on  
 As shown in picture 2, two flashes points, Switch is energized



PICTURE 1



PICTURE 2

### B. Adjusting CLOCK


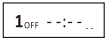


Press D + key, H + key, M+ key respectively to adjust clock of Timer to accurate **MINUTE**. In 24-Hour-Format LCD screen shall indicate 0:00~23:59

### C. Start to programming the Ⓟ


- Press Ⓟ key. LCD screen shall show
- Press D + key to select any of 15-combination of Daily-Programs to your application demand. Continuing to press D + key, LCD shall alternating indicate among 15-combinations.
- Press H+ , M + respectively to set desired Hour and Minute for 1<sup>ON</sup>

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- After finished setting of 1<sup>ON</sup>, press  key again,  shall appear on LCD screen.
- Press **D +** key to select any of 15-combination of Daily-Programs to your application demand continuing to press **D+** key, LCD shall alternating indicate among 15-combinations.
- Repeat Programming procedure to set desired Hour & Minute for 1<sup>OFF</sup>
- When finished setting 1<sup>ON</sup> & 1<sup>OFF</sup>, press ,  shall appear on LCD screen.
- 8. Repeat programming procedure above** to complete rest of ON/OFF program-period(event).



- When finished program-setting (event), press , Timer shall start to execute programs.

If you meet some problem.

If the switch does not open in the set time one day, or opened but not close at the time, it may be because the timing settings are not correct, please check or reset.

If the confirmation on and off time is correct, but this timer didn't open at the setting time, or not be closed at the turned off time, possibly because of the extra time combination does not eliminate (switching time display to indicate eliminated, Please do not think represents eliminate).

If the above two are correct, and this switch does not work properly, possibly because Manual operation is artificially change, check the automatic opening and closing of the symbol, moved to the current time of the state, then change to automatic position. If all the step don't work, please contact us or agency.

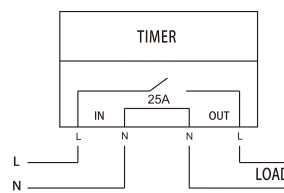
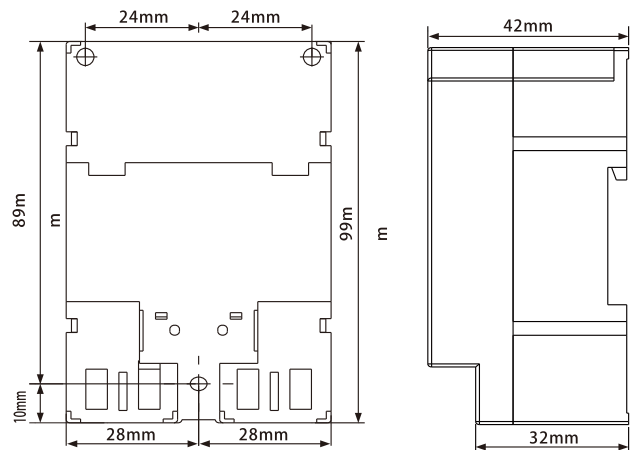
### Attention

- For those devices (medical equipment and large equipment) due to time error may occur human life or will have a significant impact on the community, please do not use this time switch.
- The product is in a dormant state when you get, before use please press the reset button.
- After the power is turned on, do not touch the terminal part.
- The timer can't be used in moisture, corrosion and high metal content gas environment.

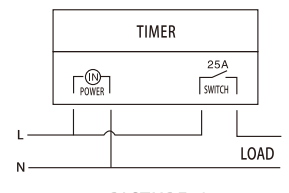
5. For those devices because of timer error may lead to significant property damage (large heater and refrigerator, etc.), when using the timer switch, be sure that the value A and performance characteristics have sufficient margin, and take double circuit security countermeasure.

6. Do not repair by yourself. Repair, inspection, please entrust to the dealer or responsible for the construction of the unit. Before installing, please press the yellow spring. When you confirmed the product be put in a suitable place, press back the yellow spring, products can be fixed.

### DIMENSIONS



PICTURE 1



PICTURE 2