

# ZYT16G-2a/3a microcomputer timer switch

Be sure to read the manual carefully before using.  
Please safekeeping the manual.

## ● Function and Application

This product can automatically switch on and switch off various kinds of electric equipment according to fixed time. It is widely applied to programmable control of electric cooker, booster, lamp, water heater, sprayer, bottler, preheater, agriculture facilities and broadcasting equipment etc.



## ● Technical Specifications

Voltage Range: 180~240V /50Hz

Number of circuits: 2a /3a

Capacitance: 3A

Consumed power<4VA

Timing Control Range: 1min~168h

Timing error <±2s/day (25°C±1°C)

Temperature: -10°C~+50°C

Relative Humidity: <95%

Dimension: 120x72x51mm

Weight: 249g

## ● Setting Method:

AT first, press the key "reset/recall" four times continuously, the locking sign "■" disappear, then the key may be operated. If all the keys no acted in 30 seconds, the sign "■" appear, and no operation can be input.

**Adjust Clock:** Press the key "hour", "minute" and "day" respectively to adjust hour, minute and day to accord with the current clock.

### Timer Setting:

Step	Key	Content
1	Press the key "timer".	Enter the first group of timing on ( display 1 <sup>ON</sup> )
2	Press the key "day".	Setting the day of switch-on time ( everyday, 5-days, 6-days, everyday different etc. )
3	Press the key "hour" and "minute".	Setting switch-off time ( hour, minute )
4	Press the key "auto/manu".	Select the output of "1, 2, 1&2, 2&3, 1&3, 1&2&3"
5	Press the key "timer".	Enter the first group of timing off ( display 1 <sup>OFF</sup> )
6	Press the key "day".	Setting the day of switch-off time ( everyday, 5-days, 6-days, everyday different etc. ) . Pay attention that the day of switch-off time must correspond to the day of switch-on time.
7	Press the key "hour" and "minute".	Setting switch-off time ( hour, minute )
8	Press the key "auto/manu".	Select the output of "1, 2, 1&2, 2&3, 1&3, 1&2&3"
9	Repeat step 1 to 8	Setting 2 to 16 groups of on-off time. If there is no need to set 16 groups of on-off, press the key of "reset/recall" to clear the rest groups of on-off time to "--:--"(but not 00:00)
10	Press the key "timer" repeatedly.	Check whether every group of on-off time is correct; press the key "reset/recall" and repeat step 2 to 8 in case of error.



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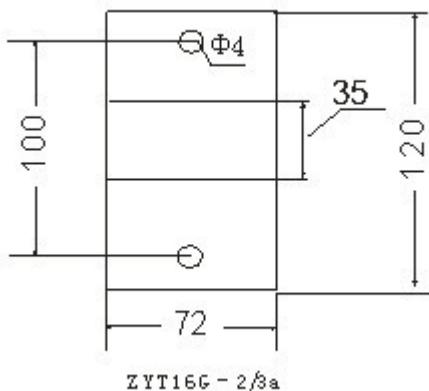
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11	Press the key "auto/mEnu".	Adjust on-off sign to the current state ("on" or "off") and adjust to the position of "auto".
12	Press the key "Clock".	End timing state and enter the state of clock display.

## Installation Dimensions



## Connection method

### 1. The connection for directly controlling single phase

The power of controlled electric should be supplied by single-phase, and the power consumption is no more than the switch's rating capacity (resistance load 3A). The connection is showed as fig.1.

### 2. The power of controlled electric should be supplied by single-phase, but the power consumption is more than the switch's rating capacity (resistance load 3A). It needs to connect to AC contactor. Then connection is showed as fig.2.

### 3. The connection for three phases

The power of controlled electric should be supplied by three phases. It needs to connect to three-phase contactor whose coil voltage is AC220V/50Hz. The connection is showed as fig.3.

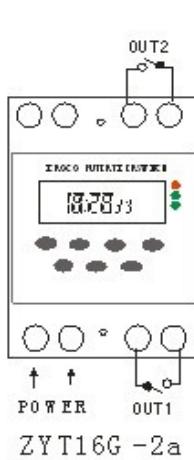


fig 1

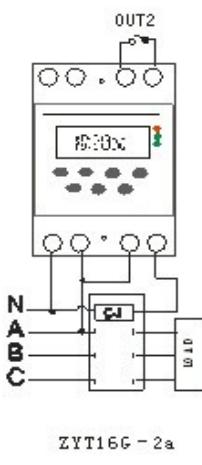
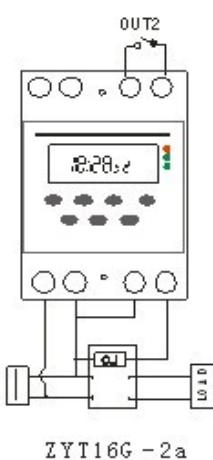
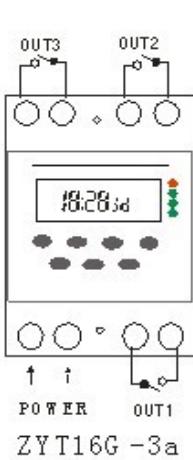


fig 2

fig 3



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