

# WITH DAYLIGHT SAVING WEEKLY PROGRAMMABLE TIME SWITCH

## 1, TS-GE2 The characteristics :

- it is used for setting the time of each day or each week to control equipment switch.
- it is can be set the time of 8 set ON&OFF, and also can be ON/OFF at any time .
- DIN standard size : 35mm, rail mounting.
- Built-in lithium battery, when power failure ,it is can be display working as usual
- with daylight saving time setting function.
- widely used for street lamps, advertising lamp box control lamp occasions.

## 2, Technical parameters:

- Voltage selection view product printing :
- AC220-240V; ■AC110-120V; ■AC380V; ■AC/DC12V; ■AC/DC24V; ■AC/DC48V; ■AC85-260V
- power control and contact: 16A/20A/25A : 1NO+ 1NC 30A: 1NO
- Timing error:≤ 1 seconds/day (25℃) • working temperature: - 10 ~ 40 ℃
- Set the switch number: 8 ON/8 OFF • Power reserve: 3 years
- power consumption: < 4 VA • display device: LCD display
- The minimum control time:1Minutes • control time range: 1Minutes-168Hours
- Ambient humidity:35 ~ 85% RH • electrical life : 10<sup>5</sup> times • mechanical life: 10<sup>7</sup> times

## 3, clock correction.

current time adjustment: at the same time press C+and“H+”,C+and“M+”,C+and “W+” keys; Adjust the hours, minutes and week respectively. (the first use, the product such as did not display, after the electricity 5 seconds ,please press “RESET “key open).

## 4 , Time setting&other function setting

No	Key	Setting Generation
1	press “⌚”key	into time set,display 1on , it is 1 set of ON time
2	Press“W+”key	Adjustable week
3	Press“H+”key	Adjustable hour
4	Press“M+”key	Adjustable minutes
5	Press“RES/RCL”key	Cancel or restore the time setting
6	Press again” ⌚”key	Enter into setting time , display 1off , it is 1 set OFF time
7	Repeat 2-5	Adjustable the Week,Hour and minutes of OFF
8	Press again “⌚”key	Set 2-8 set ON/OFF time ( operate instruction as same as above , if don't need to set,just press “⌚”key return setting )
9	Press “C+”key	return the time setting
10	Press“W+”& RES/RCL Key in same time	OFF display screen and cancel program

Such as setting “ON and OFF” at the same time, open time of products replay for 30 seconds;

## Weeks working mode The corresponding table :

No	Working mode	Function	Week corresponding table		
1	MO TU WE TH FR SA SU	Each Day's time is same	MO	TU	WE
2	MO/TU/WE/TH/FR/SA/SU	Each Day's time is same difference	Monday	Tuesday	Wednesday
3	MO TU WE TH FR	The working time from MO to FR is same	TH	FR	SA

4	MO TU WE TH FR SA	The working time from MO to SA is same		Thursday	Friday	Saturday
5	SA SU	The working time from SA to SU is same		SU		
6	MO WE FR	The working time of MO,WE and FR is same		Sunday		
7	TU TH SA	The working time of TU, TH and SA is same				
8	MO TU WE	The working time of MO,TU and WE is same				
9	TH FR SA	The working time of TH,FR and SA is same				

**5 , Work status :** Press“MANUAL”key to set the working state, ON AUTO:automatic state is ON, ON:it is permanent ON, OFF: it is permanent OFF,AUTO OFF: automatic state is OFF. After completion setting, it is should be sure to check the time keep in ON or OFF state, such as setting ON at 19:00 and OFF at 7:00, so should be set in AUTO OFF state ;now is at 10:00, if the time to 22:00, so should be set ON AUTO mode .

**6 , 12 hours and 24 hours boot,** the product is a 24-hour, for 12 hours, please press C+ key and ☀ key for 3 seconds, the left upper corner of the screen display AM, said it was for 12 hours, and then press C+ key and ☀ key for 3 seconds, back in 24 hours, AM closed at this time. 12 hours (AM said in the morning, the PM said afternoon).

**7 , Daylight saving time Settings :** at the same time press C+and“MANUAL”,the real time can be added for 1 hour, the screen display “SUMMER”,again at the same time press C+and“MANUAL” , Actual time reduced by one hour , display“SUMMER” closed at this time.

## **8, other notice:**

8.1, set checking( modified) : press “☀”key check (modified) set by time.

8.2, MANUAL control: press “MANUAL”key, random ON/OFF can be realized.

8.3, such as if 30 seconds is not set, the controller will be return of the time display, it is can according to the specifications into the method into the specified process.

8.4, the product should be turn off the screen when in the process of storage and transportation (at the same time press the “W+” and “RES/RCL” key to turn off screen and remove all programs).

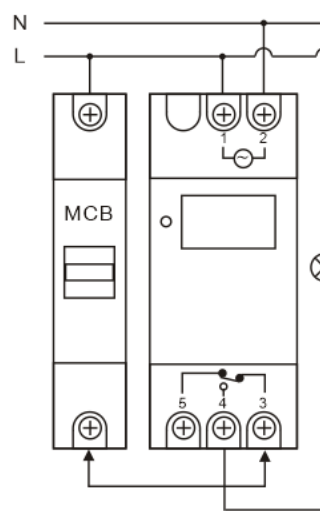
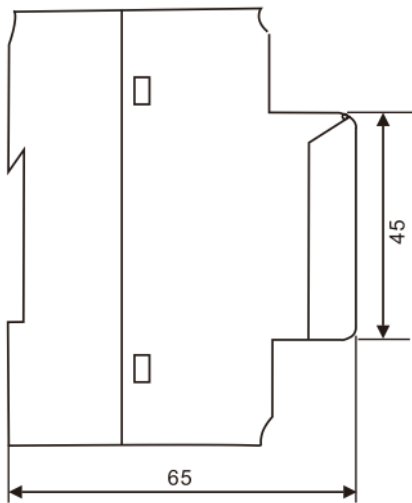
8.5 , ON/OFF time setting, are allowed to make cross setting, should be set according to time order.

8.6 , please don't used in dust, corrosion gas, direct sunlight, rain places.

8.7 , please at used in rated voltage and the regulation of temperature, humidity, storage

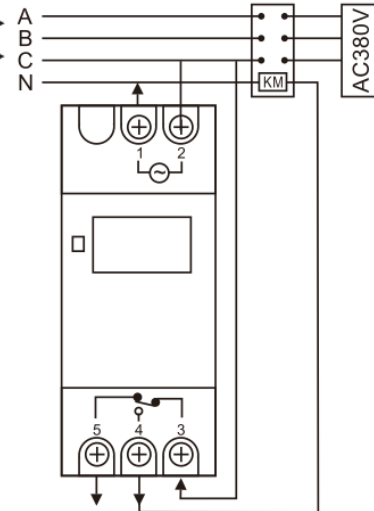
8.8 , the Scrap electrical products, it is not allowed processing with the living garbage, it is should be keep where there is facilities for recycling .

## 9, outline Drawing:



Single phase 220V

## wiring diagram:



three phase 380V

