TIMER

| AHC610	Multi-function programmable time switch	ALION

▢ Description

- Built-in calendar: 2018 - 2048 years.
- 30 groups of on-off program, cycle weekly or daily, control on-off manually.
- 52 times of pulsation program, cycle weekly or daily, control on-off manually.
- EU and custom Daylight Saving Time.
- Built-in lithium battery, keep working when power failure.
- Accumulated working hours and action numbers can be viewed.
- DIN35mm standard rails suitable for home, construction and industrial installation.
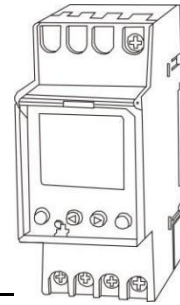
Technical data

Rated voltage：	AC220V	**Power failure memory：**	4 years
Voltage range：	85~110%	**Contact Form：**	1 changeover switch
Frequency：	50Hz	**Contact resistance between contacts：**	≤100mΩ
Contact load capacity：	Resistance load：16A/ 250V AC　COSφ=1	**Insulation resistance between contacts：**	≥100MΩ
	Inductive load：　10/ 250V AC　　COSφ=0.6	**Electrical life：**	10^5 times
Timing error (25℃)：	≤± 2 sec/day	**Mechanical life：**	10^7 times
Consumed power：	≤5VA	**Working　temperature：**	-10 ~ +50 ^{O}C(non-icing）
On/off programs:	30 groups	**Ambient humidity：**	35～85％RH
pulsation programs:	52 times　（1~59 sec）	**Storage temperature：**	-10 ~ +60 ^{O}C
Minimum setting time：	ON/OFF program：1 min　Pulsation 1 sec	**Net weight：**	About 130g

▢ LCD screen, wiring drawing and external dimension
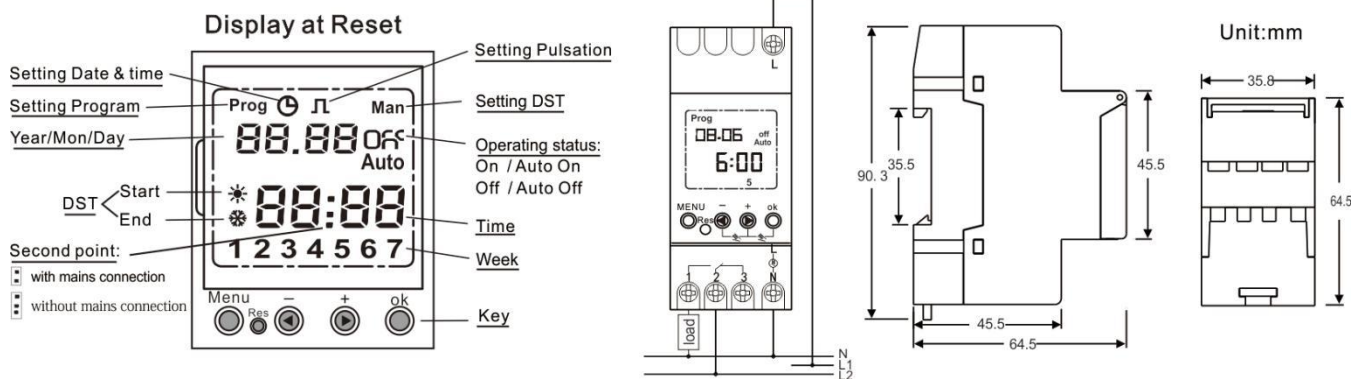
▢ Setting method

* **Button description：**

Menu：　　Function select button **Prog** (program)、🕒（date and time）、⊓（Pulsation）、**Man** (DST)；

⊕ & ⊖ ：Numerical adjustment button, to increase or decrease the number；

ok ：　　　Enter button.

Res ：　　　Reset button. Press the "Res" button to turn it on when using the time switch for the first time. The default time is 2018.3.18 0:00 Sunday.

Turn off the time switch: Press "**Menu**"&"⊖" at the same time for 3 sec.

When reset or turn off, all of the settings will be lost, but the accumulated working hours and the number of actions are not clear.

1.　Present time setting (Example: The time is set to 9:07 on June 5, 2018, and the week will automatically follow the date):
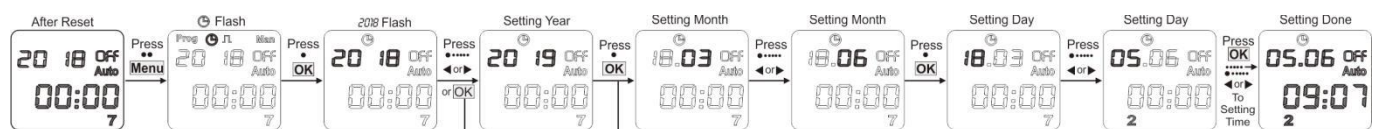
2. **Timing and pulsation settings (2.1 and 2.2 functions can not be used at the same time)**

2.1 **30 groups setting of on/off function：（The logo "Prog" display on screen when set up）**
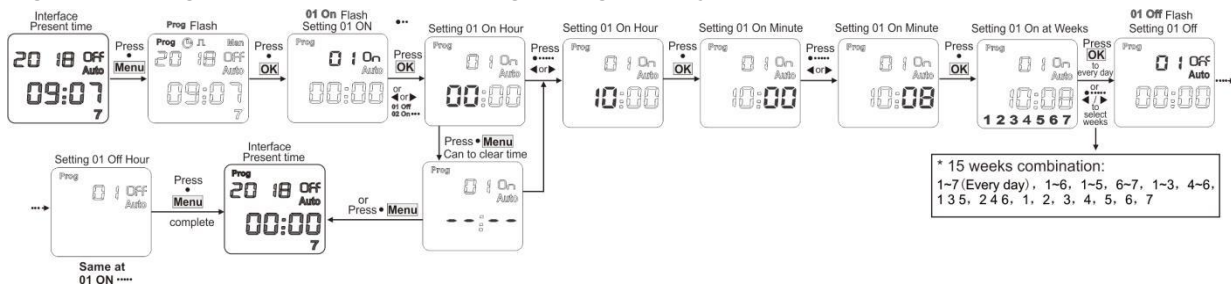
a. The ON/OFF program group can not setting overlap but should according to the time sequence.

b. Press "**Menu**" to view and modify the number of ON/OFF and time according to program.

2.2 **52 times of pulsation function setting ("⊓"display on screen when set up)**
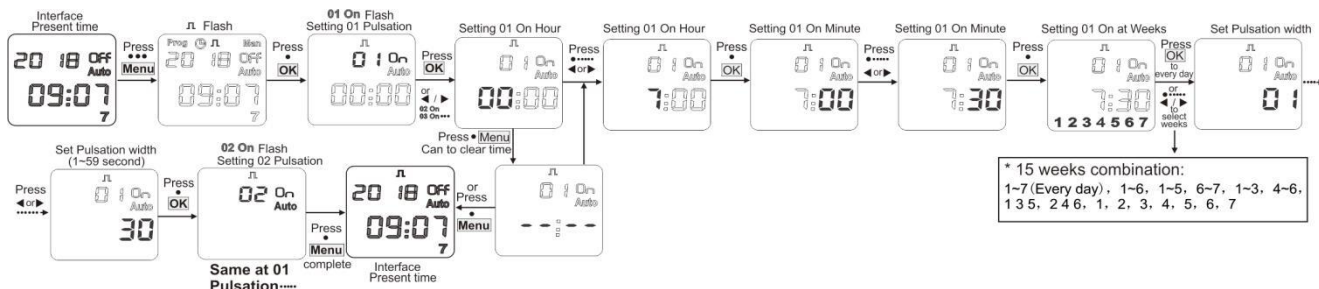
* Press "**Menu**" to view and modify the number of pulsation and time according to program.

3. **Daylight saving time (DST) display time setting ("※"display on screen when set up)**
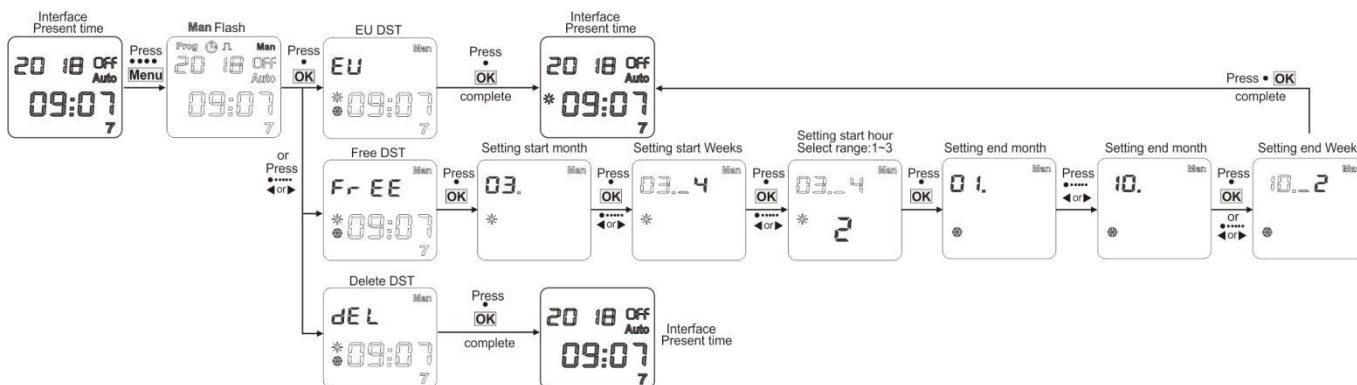
✳ This setting only to the displayed present time.

4. **Manual ON and OFF（Press both "⊖" and "⊕" buttons, Cycle through 4 methods On Auto   Off Auto   On   Off ）**

Status display area (right side of the screen)	Working status	
ON AUTO	Automatic control status	Contact is **on** status
OFF AUTO		Contact is **off** status
ON	The set ON/OFF and pulsation	Contact is **on** status
OFF	programs is invalid	Contact is **off** status

5. **Check accumulated working hours and action number   (Press both "Menu" and "OK" buttons)**
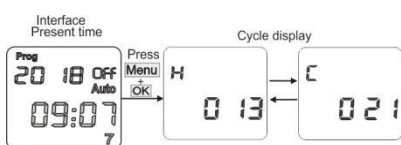
For example: "H 013" and "C 021" refer to accumulated operating time is 130 hours and action number is 210 times.(max:99990hours and 99990 times) Release the "**Menu**" and "**OK**" buttons to automatically return to the interface of present time.

☐ **Attention**

- Please don't use in the place with dust, corrosive gas, direct sunlight or rain.
- Please store and use in the conditions of rated voltage with the specified temperature and humidity.
- Product design and specifications maybe be changed without notice.