

TIMER

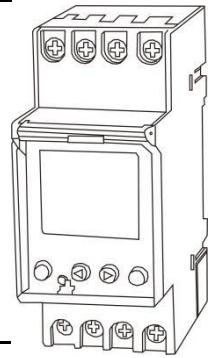
AHC612

Multi-function programmable time switch

ALION

Description

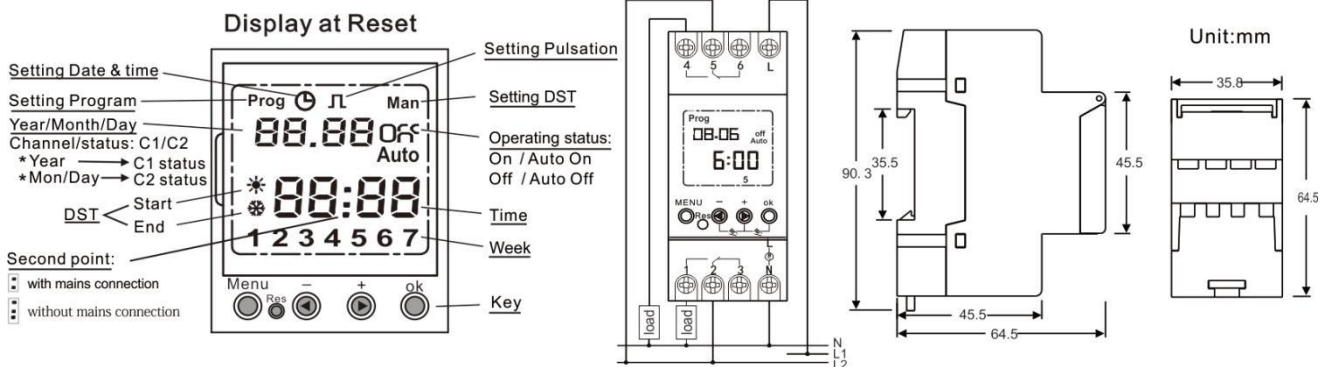
- 2 Channes(C1/C2), Switch program timing time and pulsation time can be set independently.
- Built-in calendar: 2018 - 2048 years.
- C1/C2 can set 30 groups of on-off program separately, cycle weekly or daily, control on-off manually.
- C1/C2 can set 52 times of pulsation program separately, cycle weekly 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 Inductive load : 10/ 250V AC COSφ=0.6	Insulation resistance between contacts:	≥100MΩ
Timing error (25°C):	≤± 2 sec/day	Electrical life:	10 ⁵ times
Consumed power:	≤7.5VA	Mechanical life:	10 ⁷ times
On/off programs:	C1/C2 30 groups each	Working temperature:	-10 ~ +50 °C(non-icing)
pulsation programs:	C1/C2 52 times each (1~59 sec)	Ambient humidity:	35~85 % RH
Minimum setting time:	ON/OFF program : 1 min Pulsation 1 sec	Storage temperature:	-10 ~ +60 °C
		Net weight:	About 160g

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.

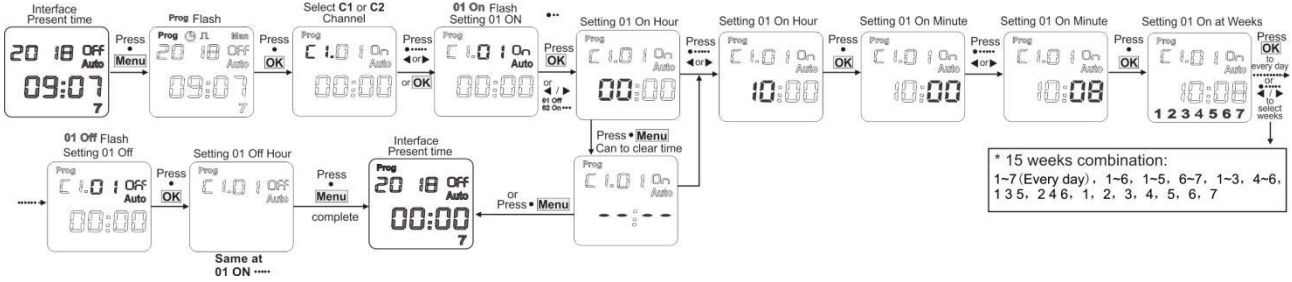
When reset or turn off, all of the settings will be lost, but the accumulated working hours and the number of actions are not clear.

1. Present time setting (Example: The time is set to 9:07 on June 5, 2018, and the week will automatically follow the date):



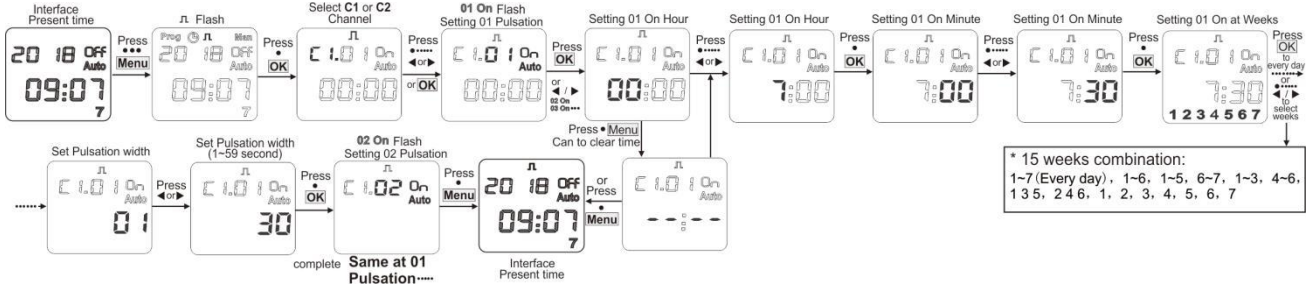
2. Timing and pulsation settings (2.1 and 2.2 functions can not be used at the same time)

2.1 30 groups setting of on/off function: (The logo "Prog" display on screen when set up)



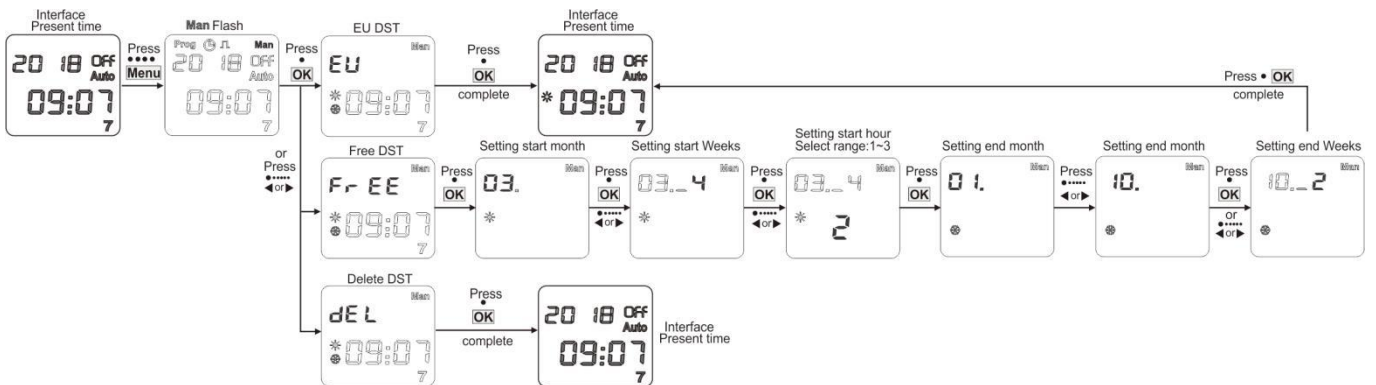
- a. The ON/OFF program group can not setting overlap but should according to the time sequence.
- b. Press "Menu" to view and modify the number of ON/OFF and time according to program.

2.2 52 times of pulsation function setting ("Π" 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)

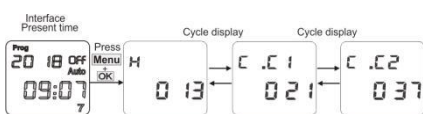


* This setting only to the displayed present time.

4. Manual ON and OFF (Channel 1 Press both "⊖" and "⊕" buttons, Channel 2 Press both "⊖" and "⊕" buttons, Cycle through 4 methods On Off 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 programs is invalid	Contact is on status
OFF		Contact is off status

5. Check accumulated working hours and action number (Press both "Menu" and "OK" buttons)



For example: "H013" and "C.C1 021/C.C2 037" refer to accumulated operating time is 130 hours and action number is C1 210 times and C2 370 times. (max:99990 hours and 99990 times)
Release the "Menu" and "OK" buttons to automatically return to the interface

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.