

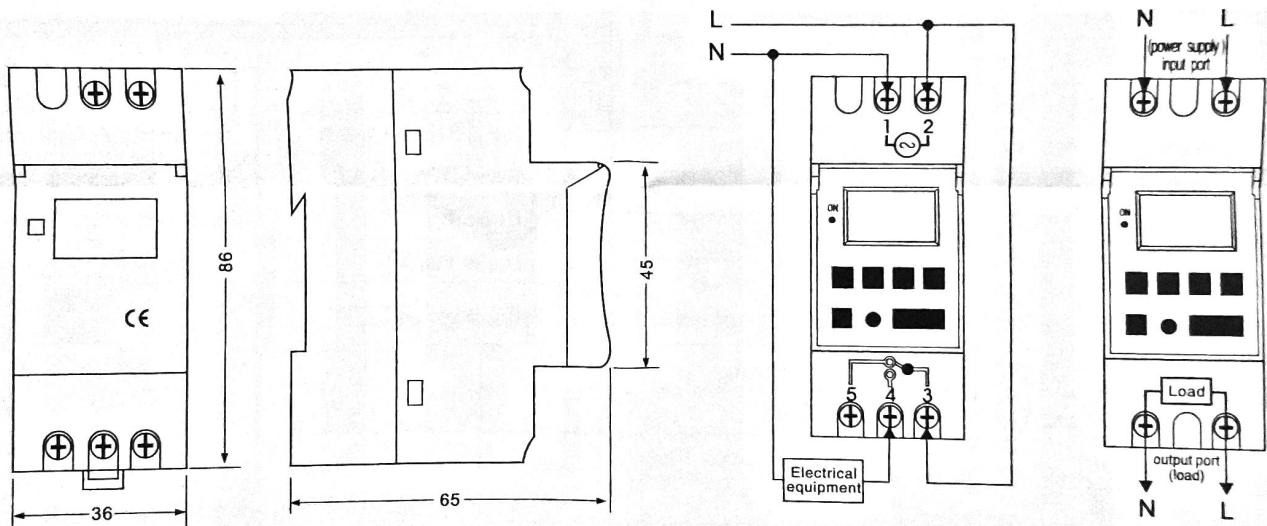
# WEEKLY PROGRAMMABLE TIMER

- DIN RAIL Installation
- Advanced pre-setting one week before
- Digital electronics general purpose time switch with daily and programs
- Repeat programs with 16 on/off settings, 18 times pulse programs, and setting on/off manually
- Lithium battery power reserve when electric supply cut off.
- Auto time error correction  $\pm 30$  sec , weekly

## TECHNICAL DATA

- Voltage rating: AC 220V 50/60HZ (DC12V, DC24V, AC110V, AC380V, AC/DC24V-240V)
- Voltage limit:  $\pm 10\%$
- Hysteresis:  $\leq 2$  sec/day (25°C)
- ON/OFF operation: 16 ON & 16 OFF, 18 times pulse
- power consumption: 7.5VA(max)
- Display: LCD
- Service life: mechanically  $10^7$
- Electrically  $10^5$
- minimum interval: 1 minute
- weight: approx 150g
- Count down: 1 sec - 99 min 59 sec
- Pulse: 1 sec - 59 min 59 sec
- Load capacity: resistive load: 16A/250VAC  
20A/250VAC  
25A/250VAC  
30A/250VAC
- Switching contact: 1 changeover switch
- power reserve: 3 years (lithium battery)
- Ambient temperature: -10~+40°C
- Ambient humidity: 35~85%RH

## DIMENSIONS



## OPERATING INSTRUCTION

1. First time use this time switch, please press reset key.

Step	Key	Programming
1	Press <b>P</b>	Setting 1 ON time (display 1 on)
2	Press <b>H+/M+</b>	Set hours and minutes
3	Press <b>D+</b>	Select days of week, same everyday, MO-FR, MO-SA, SA SU, MO-WE, TH-SA, MO WE FR, TU TH SA, different everyday. (If same everyday, not press this key)
4	Press <b>P</b>	Setting 1 off time (display 1 off)
5	Press <b>H+/M+</b>	Set hours and minutes turn off time
6	Press <b>D+</b>	If you want same set in every day, you need not press this key
7	Repeat step 1-6	Set 2-16 on/off time
8	Press <b>⌚</b>	Exit setting (*If need not 16 times setting press "⌚" key to the end)
9	Hold "clock"	Press "hour, minute, week" to set the current time

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### 2. PULSE setting : ("P" displays at bottom - left corner of LCD)

Step	Key	Programming
1	Press <b>H+&amp;M+</b>	Into pulse setting
2	Press <b>⊕&amp;H+/M+</b>	Setting pulse time range 1sec.-59min 59sec
3	Press <b>⊕&amp;MANUAL</b>	Confirm pulse time range
4	Press <b>P</b>	Into setting 1 on time (display 1 on)
5	Press <b>H+/M+</b>	Setting on time
6	Press <b>D+</b>	Select days of week, same everyday, MO-FR, MO-SA, SA SU, MO-WE, TH-SA, MO WE FR, TU TH SA, different everyday. (If same everyday, not press this key)
7	Repeat step 4-6	Setting 2-18 on time
8	Press <b>⊕</b>	End
9	Press <b>H+&amp;M+</b>	Exit pulse

\*If need not 18 pulse press "⊕" key to the end

### 3. Manual Count down:

("d" displays at bottom-left corner of LCD)

Step	Key	Programming
1	Press <b>P&amp;⊕</b>	Into count down
2	Press <b>⊕&amp;H+/M+</b>	Setting min/sec
3	Press <b>MANUAL</b>	Start count down
4	Press <b>P</b>	Return to start count down
5	Press <b>P&amp;⊕</b>	Exit

### Automatic cycle Count down:

("d" displays at bottom-left corner of LCD)

Step	Key	Programming
1	Press <b>P&amp;⊕</b>	Into count down
2	Press <b>⊕&amp;H+/M+</b>	Set the "ON" duration
3	Press <b>P</b> (LCD display OFF)	Set the "OFF" duration
4	Press <b>MANUAL</b>	Pause/ Start count down
5	Press <b>P</b>	Turn to start count down
6	Press <b>P&amp;⊕</b>	Exit

### 4. Auto time error correction, weekly : ("7d" displays at bottom - left corner of LCD)

Step	Key	Programming
1	Press <b>P&amp;MANUAL</b>	Into count
2	Press <b>D+</b>	Setting -30sec.-30sec
3	Press <b>⊕</b>	Confirm

### 5. Timing

5.1 Press **⊕** and press **D+** repeatedly go to today

5.2 Press **⊕** and press **H+ /M+** to change hr./min

6. Having operated items mentioned above, please be sure to reset the ON or OFF according to the current time. press "**MANUAL**" in order to display at the bottom Line of the LCD

7. Check time : press "**P**" to check whether the time is set correctly or not  
press "**MANUAL**" and then reset the time and week  
press "**⊕**" to finish checking and setting, and the time will be display afterwards

8. Press "**MANUAL**" to turn on or off at will , except 5

9. Press "**D+**" and "**H+**" for 3 seconds to turn off , but the setting will be lost

10. Press "**RESET**" to restart, but the settings can not be restored

### NOTE

- Time setting should according to the time sequence, couldn't be set crossly
- System with quit automatically if there's no operating within 10 seconds. And no data is saved. It will quit when setting finishes
- Function 3, 4, 5, can not be used simultaneously