

**TIMER**

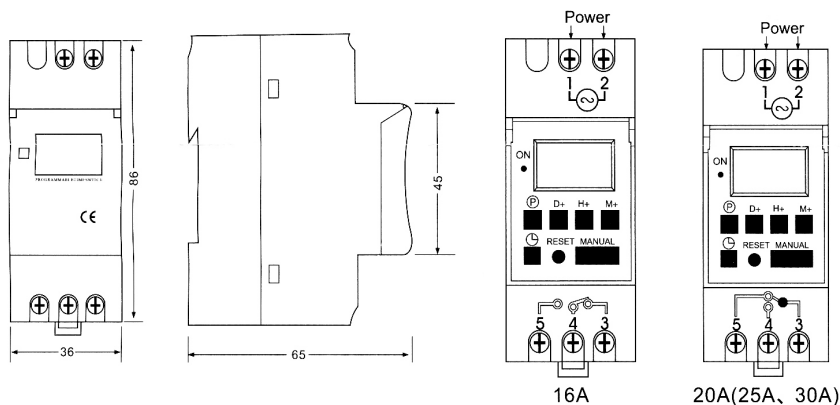
**WEEKLY PROGRAMMABLE TIMER**

- 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>     | End   |

\*If need not 16 times setting press “☺” key to the end

## TIMER

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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 lsec.-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. 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                       |

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