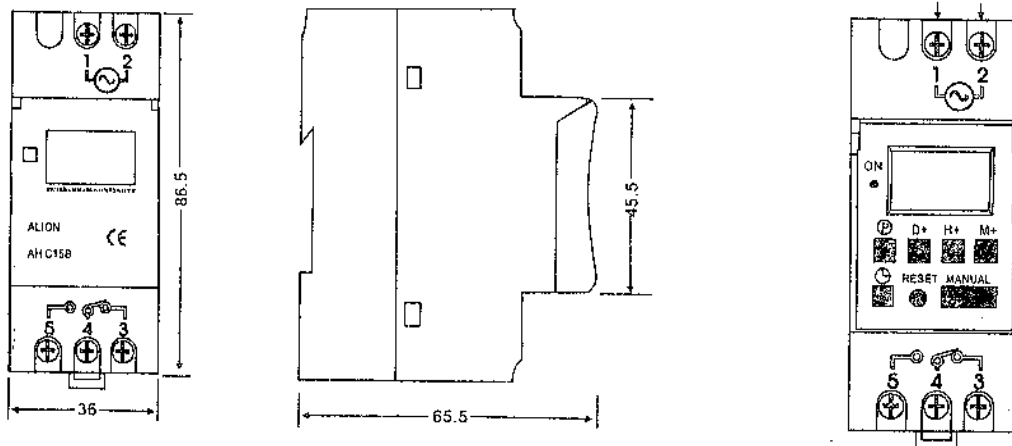# A H C 1 5 A (B) WEEKLY PROGRAMMABLE TIMER

● DIN RALL 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 ±30 sec , weekly

TECHNICAL DATA

● Voltage rating:AC 220v 50/60HZ

● Voltage limit:AC   180v~250v

● Hysteresis:≤ 2 sec/day(25℃)

● ON/OFF operation:16 ON & 16 OFF, 18 times pulse

● power consumption:7.5VA(max)

● Display:LCD

● Service life: mechancally 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

     Lagging load:10A/250Vac

     lamp load:2000 W

● Switching contact:1 changeover switch

● power reserve:3 years (lithium battery)

● Ambient temperature: -10~+40℃

● Ambient humidity:35~85%RH

DIMENSIONS

OPERATING INSTRUCTION

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

2.At first time ,the time switch is in 24h mode. If you want change to 12h mode please press on"☉"Key 5 sec. And LCD will display AM If you want rechang to 24h mode, and press on "☉"key 5 sec to return.

3.Programming:set on & OFF same time, have 30 seconds to control bell

Step	Key	Programming
1	Press P	Setting 1 ON time (display 1 on)
2	Press H+/M+	Set hours and minutes
3	Press D+	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 P	Setting 1 off time (display 1 off)
5	Press H+/M+	Set hours and minutes turn off time
6	Press D+	If you want same set in every day, you need not press this key
7	Repeat step 2-6	Set 2-16 on/off time
8	Press ☉	End

*If need not 16 times setting press "☉" key to the end

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4. PULSE setting :("P" displays at bottom –left corner of LCD)

Step	Key	Programming
1	Press H+&M+	Into pulse setting
2	Press ☼&H+/M+	Setting pulse time range 1sec.-59min 59sec
3	Press ☼&MANUAL	Confirm pulse time range
4	Press P	Into setting 1 on time (display 1 on)
5	Press H+/M+	Setting on time
6	Press D+	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 2-3	Setting 2-18 pulse
8	Press ☼	End
9	Press H+&M+	Exit pulse

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

5. Count down :("d" displays at bottom –left corner of LCD)

Step	Key	Programming
1	Press P&☼	Into count down
2	Press☼&H+/M+	Setting min/sec
3	Press MANUAL	Start count down
4	Press P	Return to start count down
5	Press P&☼	Exit

6. Pause

Neither needn't the timer work nor delete the set programme. you could just press ☼ and "MANUAL" for 3 seconds at the same time to make the timer "AUTO OFF " permanently (only can access when "ON AUTO" or "AUTO OFF"), in that case, the timer can not be changeover " ⌐" displays at the bottom-left corner of LCD, press

☼ and "MANUAL" to restore "AUTO OFF ",and the timer turn to work normally.

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

	Key	Programming
1	Press P&MANUAL	Into count
2	Press D+	Setting -30sec.-30sec
3	Press ☼	Confirm

8. Timing

8.1 Press ☼ and press D+ repeatedly go to today

8.2 Press ☼ and press H+/M+ to change hr./min

9. 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

10. 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

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

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

13. 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