

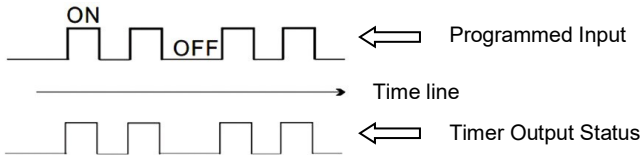


Surface Mounted Timer TM-6331

Description:

This Surface-Mount Digital Timer is produced with switching power for 240Vac and 120Vdc by a selector switch on front panel. Output format can be produced with either volt-free or volt-output.

This digital timer is accurate to the minute, designed with 8 ON/OFF per day. Graphic description:



Also, it provides 15-combination of Daily-Programs which can be a great convenience to users upon choosing the required days in a week for operating the timer.

1.	MO	TU	WE	TH	FR	SA	SU
2.	MO						
3.	TU						
4.		WE					
5.			TH				
6.				FR			
7.					SA		
8.						SU	
9.	MO	TU	WE	TH	FR		
10.						SA	SU
11.	MO	TU	WE	TH	FR	SA	
12.	MO	TU	WE				
13.				TH	FR	SA	
14.	MO		WE		FR		
15.		TU		TH		SA	



Programming the Timer:

Functional description to buttons on panel:

- TIMER:** Programs review & setting programs
- MANUAL:** To select "ON, AUTO or OFF"
- CLOCK:** To adjust current DAY and TIME
- DAY:** To adjust day of the week
- HOUR:** To adjust hour
- MIN:** To adjust minute
- Ⓟ:** Reset timer's setting
- LED:** To indicate ON/OFF status

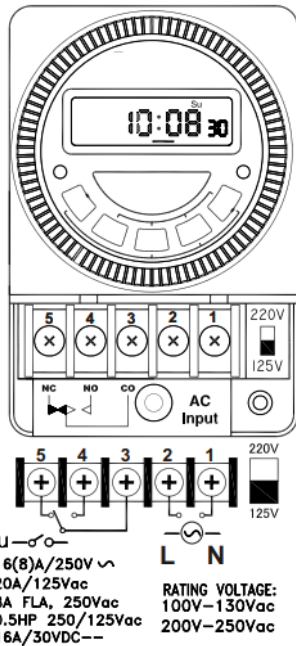
Press **Ⓟ** button to reset Timer before programming.

Adjusting CLOCK

Press and hold **CLOCK** and then press **DAY** key, **HOUR** key and **MIN** key respectively to adjust the clock of Timer to the accurate **DATE**, **HOUR** and **MINUTE**. In 12-Hour-Format, PM & AM shall appear on the LCD screen. In 24-Hour-Format, the LCD screen shall indicate 0:00~23:59.

Start Programming the Timer:

- Press **TIMER** key. LCD screen shall show 1^{ON} _ : - - - -
- Press **DAY** key to select any of the 15-combinations of daily-programs to your application demand. Continuing to press the **DAY** key means the LCD shall alternate among 15-combinations.
- Press **HOUR** and **MIN** respectively to set desired Hour and Minute for 1^{ON}.
- After finished setting 1^{ON}, Press **TIMER** key again and 1^{OFF} _ : - - - - shall appear on the LCD screen.



Order Code:
TM-6331

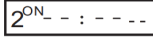
Surface Mounted Timer

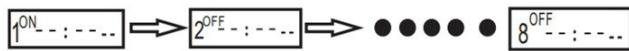
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Surface Mounted Timer TM-6331

- Press **DAY** key to select any of the 15-combinations of daily-programs to your application demand. Continuing to press the **DAY** key means that the LCD shall alternate among 15-combinations. Day-combination chosen in each ON/OFF program-period must be consistent.
- Repeat programming procedure "3" to set desired hour & minute for 1^{OFF}.
- When finished setting 1^{ON} & 1^{OFF}, press **TIMER**,  shall appear on LCD screen.
- Repeat programming procedure above to complete rest of ON/OFF program-period



or just to the desired number of ON/OFF setting for demand of practicable application.



- When finished program-setting, press **CLOCK**, Timer shall start to execute programs.

To Review Programs

To keep, press **TIMER** and the display on LCD screen shall show alternate display among each of 6 or 8 ON/OFF.

How to use OVERRIDE functions

Timer is designed with 2 Override functions to widen its usage upon practicable application. The Override function is effective only when the Timer is running under AUTO mode.

Temporary OVERRIDE:

Condition 1: When Timer's output status is "ON", press **MANUAL** key to move indicator from "AUTO" to "OFF"; The Timer output shall turn to "OFF" status, programs override. Press **MANUAL** again to switch Timer status to "AUTO", Timer's output shall continue maintaining "OFF". Timer shall resume its automatic operation when next program calls for "ON" (with next opposite set point).

Condition 2: When Timer's output status is "OFF", press **MANUAL** key to move indicator from "AUTO" to "ON", timer output shall turn to "ON" status, programs override. Pressing **MANUAL** again to switch Timer status to "AUTO" means that the Timer's output shall continue maintaining "ON". Timer shall resume its automatic operation when next program calls for "OFF" (until next opposite set point).

Random-Start-Up Override:

Press and hold **DAY** key and then press **MIN** key. There shall be a symbol 'Ⓜ' shown on left corner of LCD screen to indicate this Override executing.

When this Override is being executed the original programs will be stopped, and once every 10 to 120 minutes Timers shall automatically turn its output to "ON" status.

In practicable application which is applied to home-use, this Override function is also called Anti-Burglar Override.

Once again press and hold **DAY** key and then press **MIN** key to terminate this Override.

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