



## Time switch

ref.: 20821

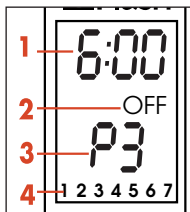
20821 is a timetable switch that enables you to automatically pilot an apparatus or electric circuit from your board.

It is equipped with ten pre-recorded programmes (P0 to P9), on some of which (P2 to P9) time schedules may be modified according to your needs, by choosing start and stop times.

### Presentation

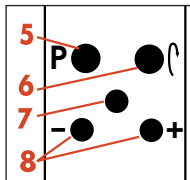
#### On the screen:

1. Present time
2. State of circuit (ON or OFF)
3. Current programme
4. Days to which programme applies  
1 = Monday, 2 = Tuesday, etc. up to 7 = Sunday)



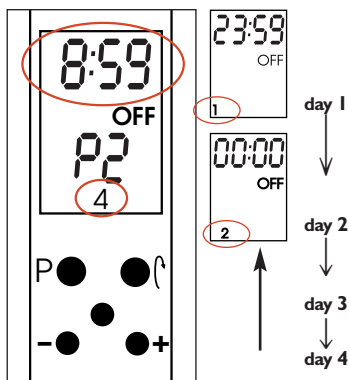
#### The buttons:

5. Choice of programme
6. Scrolling of programming times.
7. RESET: to set Monotron to zero.
8. LESS and MORE: setting the time and modification of programming times.



### Setting the time and date

e.g.: 8.59-day 4 (Thursday)



With + or - scroll through the 24 hours of the successive days until you reach the desired day and time.



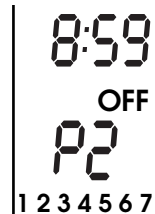
### Available Programmes

Groups of days: 1-2-3-4-5-6-7

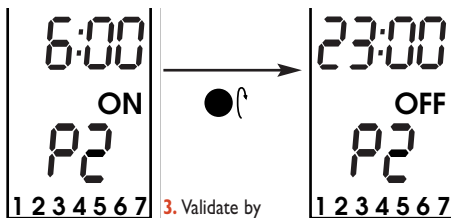
P	Days	Programmes
P0	1 --> 7	OFF cannot be modified
P1	1 --> 7	ON cannot be modified
P2	1 --> 7	6.00 — 23.00
P3	1 --> 7	6.00 8.00 17.00 23.00
P4	1 --> 7	6.00 8.00 11.00 13.00 17.00 23.00
P5	1 --> 5 6 - 7	8.00 12.00 14.00 18.00 OFF
P6	1 --> 6 7	8.00 12.00 14.00 20.00 OFF
P7	1-2-4-5 3 - 6 7	8.00 12.00 14.00 18.00 8.00 12.00 OFF
P8	1 --> 5 6 - 7	6.00 8.00 17.00 23.00 6.00 — 23.00
P9	1 --> 5 6 - 7	6.00 8.00 11.00 13.00 17.00 23.00 6.00 — 23.00

### To select a programme

1. Press **P** several times until the desired programme (P0 to P9) is displayed – e.g.: P2



2. Press **Scroll** to see the programme displayed

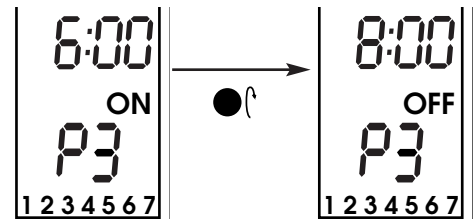


### To modify a programme

1. Press **P** several times until the desired programme (P0 to P9) is displayed – e.g. P3

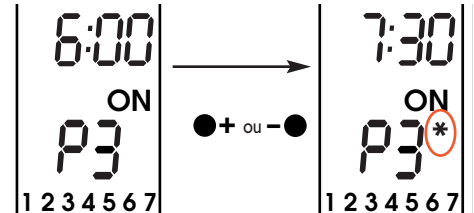


2. Press **Scroll** to see the programme displayed



3. If necessary, modify the switch-on times using the **+** or **-** buttons.

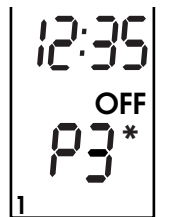
A modified programme step is marked by the symbol\*



Carry out operations 2 and 3 again to modify other times in the programme.

4. Validate by pressing **P**

The present time and day are displayed, together with the symbol\*, marking the modification in the programme.

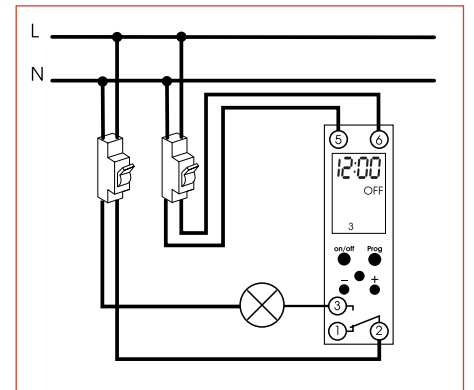


### Return to pre-recorded programme

Press **P**. Display first step of programme.

Press **Scroll** for 4 seconds. The\* symbol disappears; 20821 has returned to the pre-recorded programme.

### Electrical connections



### Technical features:

- Supply: 230V~ ± 10% 50Hz
- Working reserve by lithium battery: 3 years' accumulation for current breaking
- Outlet: 1 reversing switch
- Cut-off power: Reductive load 16 A / 250 V~ Inductive load 3 A / 250 V AC cos φ = 1
- Time precision: +/- 1 s per day at 20°C
- Working temperature: -10°C to +50°C
- Storage temperature: -10°C to +50°C
- Hygrometry: 90% at 20°C
- Protection degree: IP 40
- Type of insulation: II
- Connection: by screw terminal
- max. conductor section: 4 mm²
- min. conductor section: 1 mm²
- Complies with norm EN 60730