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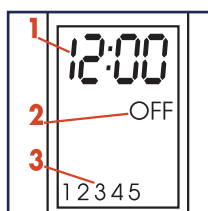
Time switch ref.: 20722

20722 is a timetable switch that enables you to automatically pilot an apparatus or electric circuit from your board.

Presentation

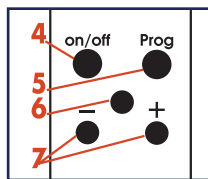
Display:

1. Time
2. Circuit status (**ON** or **OFF**)
3. Day of the week to which the program applies (1=Monday, 2=Tuesday...7=Sunday)

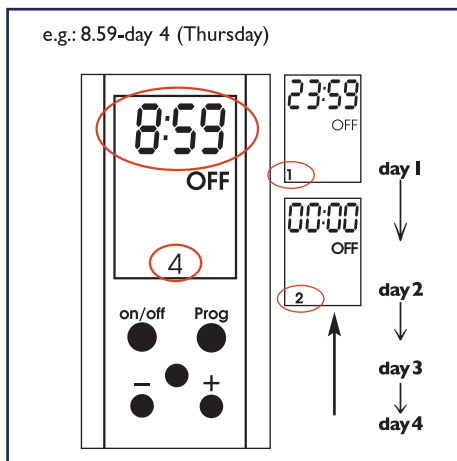


Buttons:

4. **ON/OFF**: chooses whether the circuit is ON or OFF.
5. **PROG**: sets programming mode.
6. **RESET**: resets all 20722 programs.
7. **PLUS** and **MINUS**: changes settings.



Setting the time and date



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

To program your time switch

- 1 Press **PROG**.
The first switching time flashes.
- 2 Use the **+** and **-** buttons to select the first switching time.
- 3 Use the **ON/OFF** button to choose between circuit ON and circuit OFF.



- 4 Validate the time with the **PROG** key. The figure 1 appears and flashes. This means that the day selection cursor is on the 1st day. The 7 days are displayed, thus they are selected for the time programmed.

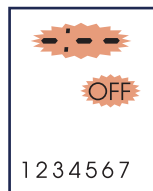


- 5 Use the **+** and **-** keys to move the cursor from day to day. 1 = Monday, 2 = Tuesday, 3 = Wednesday, 4 = Thursday, 5 = Friday, 6 = Saturday, 7 = Sunday.



The flashing figure shows which day is selected. (At present the cursor is on the 2nd day). One press on the **ON/OFF** key causes the day to disappear, another press causes it to reappear.

- 6 Enter your choice by pressing **PROG**. 20722 automatically moves to the next switching time which can be applied to the different days of the week.



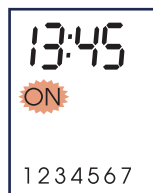
NB: you can program up to 20 different timer settings. If no buttons are pressed within **2 min.**, 20722 switches back to automatic mode, without recording your settings.

- 7 Program additional time settings by repeating steps 2 to 6, above.
- 8 To record your settings, press **PROG** for 3 secs. 20722 switches back to automatic mode.



Permanent override

- 1 If you want to override the circuit to ON or OFF, all you have to do is press the **ON/OFF** key. The ON or OFF display flashes.
- 2 By successive presses on the **ON/OFF** key, you move from override to ON to override to OFF or vice-versa.
- 3 To exit from override mode and return to automatic mode, press the **ON/OFF** key for 3 secs. The ON or OFF display stops flashing.



To check your settings:

With 20722 in automatic mode:

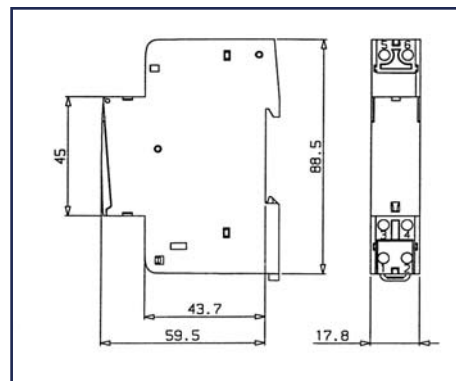
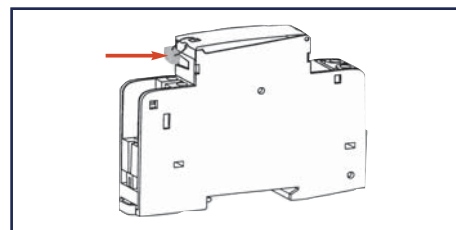
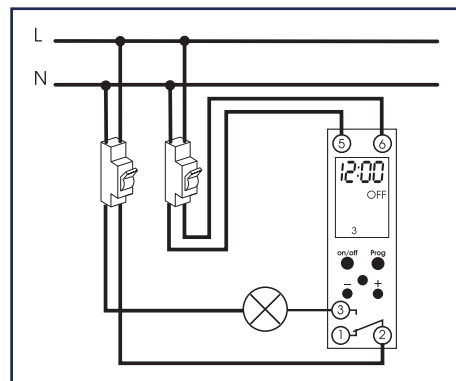
- 1 Press **PROG** repeatedly to display the day, the time and the circuit status (**ON** or **OFF**) for each of your programs.

To reset 20722:

- 1 Press the **RESET** button.

Warning: in case of supply interruption, the display flashes.

Electrical connections



Technical specifications:

- Supply voltage: 230V ±10% 50 Hz.
- Lithium battery power reserve: total of 3 years.
- Output: voltage free changeover contact.
- Switching capacity:
 - resistive load: 16 A/250V AC.
 - inductive load: 3 A/250V AC cos φ = 0.6.
- Accuracy: 1 sec./24 h. to 20°C.
- Operating temperature: -10°C to +50°C.
- Storage temperature: -10°C to +60°C.
- Hygrometry: 90 % at 20°C.
- Protection class: IP 40.
- Insulation class: II.
- Connection tunnel terminals, conductor cross-section: max. 4 mm², min. 0.5 mm².
- Conformity with EN 60730.