

# SANGAMO



23671 is a 1 channel weekly time switch. The memory capacity allows to program 20 switching actions (**ON** or **OFF**).

Each action can be assigned one or several days of the week (those days will form a group of days).

**Warning:** at the beginning of use, we advise you to reset the 23671 in order to clear the memory before programming. Use a pen to push the reset button; avoid using a sharp pointed object.

GB

## I channel weekly time switch

ref.: 23671

### ① Selection of the modes

- 🕒 = Time setting
- CI** = Programming
- AUTO** = running mode
- MANU** = permanent or timed manual overrides

### ② Selection of the days

### ③ Reset

### ④ Validation of the switching actions

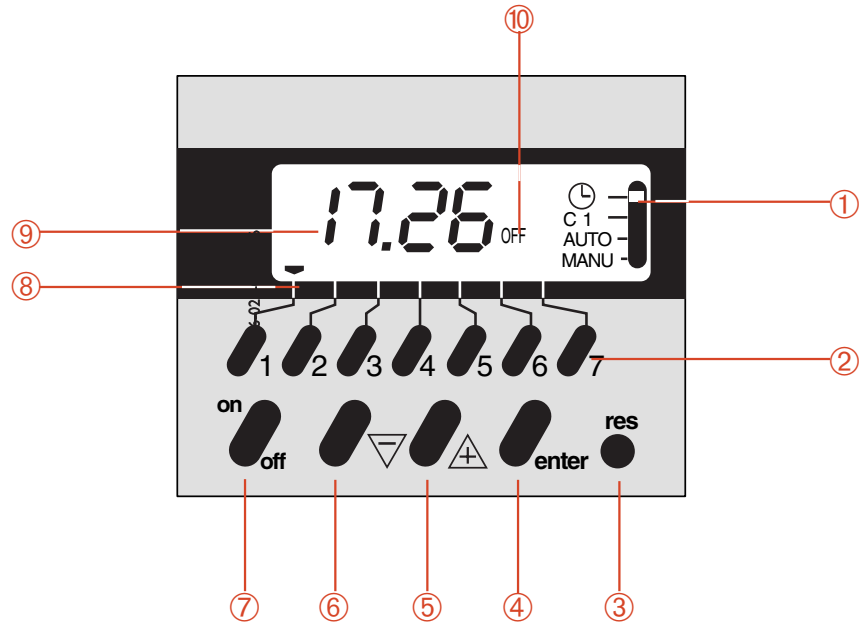
### ⑤ ⑥ Scrolling hours and minutes

### ⑦ ON/OFF

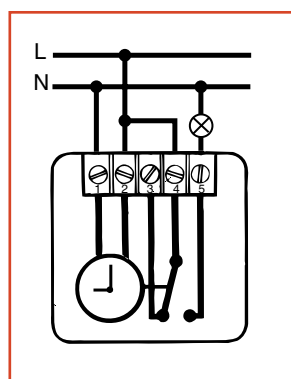
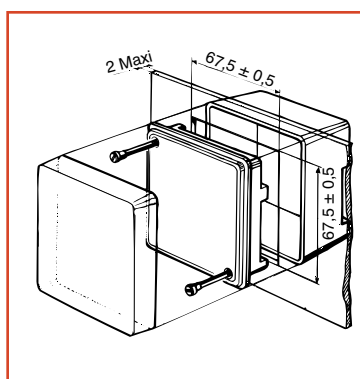
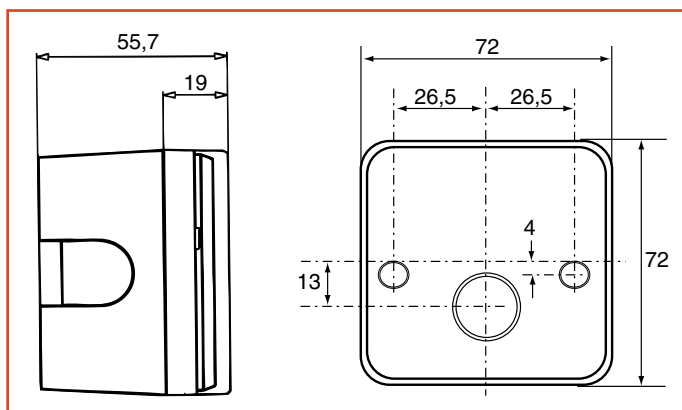
### ⑧ Display of the days of the week

### ⑨ Display of the time

### ⑩ State of the channel



## INSTALLATION



## TECHNICAL DATA

**Supply:** 230 V  $\pm$  15% 50/60 Hz

**Running reserve:** by lithium battery: total of 3 years minimum reserve

**Switching current:** 8 (2) A 250 V ~

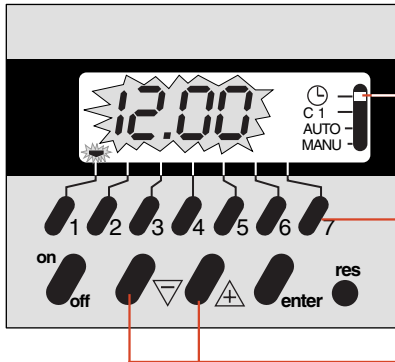


Operating temperature:  $-10^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$

Storage temperature:  $-20^{\circ}\text{C}$  to  $+60^{\circ}\text{C}$

Relative humidity: 90 % max at  $25^{\circ}\text{C}$

## I. TIME SETTING



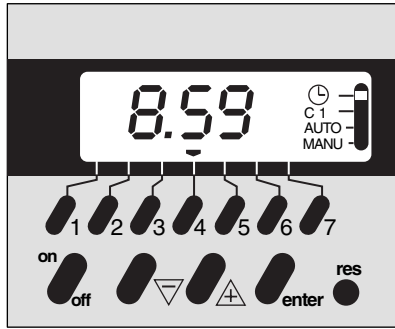
Example: Thursday 8.59

### Time setting mode

Select the actual day

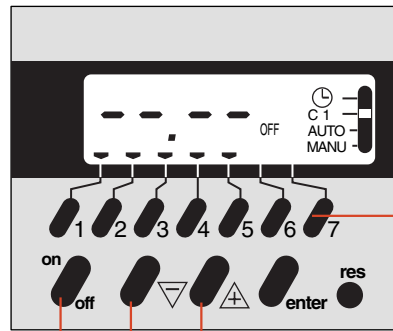
1 : Monday  
2 : Tuesday  
↓  
7 : Sunday

Input of time (hours-minutes).



The clock starts when leaving the time setting mode (after time setting only).

## 2<sup>nd</sup> switching action

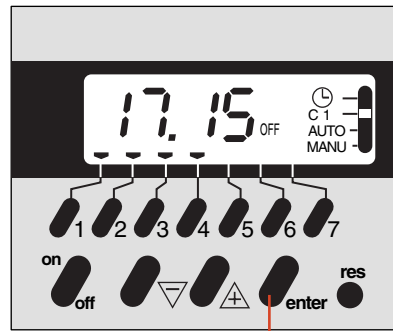


Example: OFF at 17.15 from Monday to Thursday

Select the day(s) to program input: press once delete: press twice.

Input the switching time.

Type of switching ON or OFF (after an ON action, 23671 offers automatically OFF).

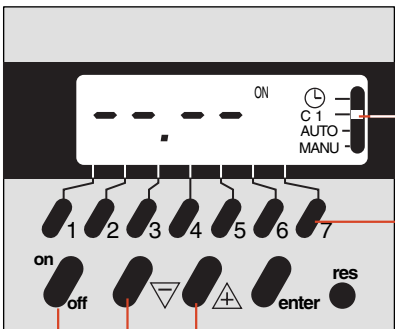


Enter the input data.

**Following actions:** same way of programming.

## 2. PROGRAMMING

### 1<sup>st</sup> Switching action



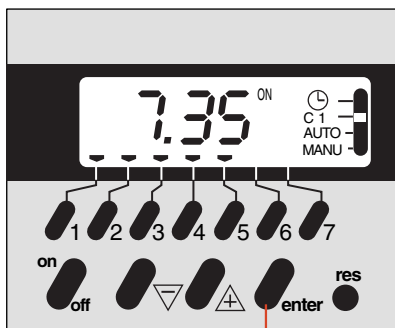
Example : ON at 7.35 from Monday to Friday

Select C I

Select the day(s) to program input: press once delete : press twice.

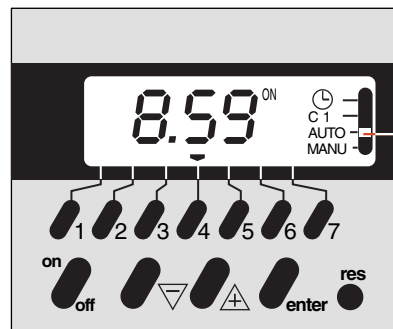
Input the switching time.

Type of switching ON or OFF (for the first action, ON is automatically proposed).



Enter the input data.

## 3. RUNNING MODE AUTO



**Important:** to activate the program of the 23671, set the switch in position AUTO. The channel will switch automatically in accordance with the programming.

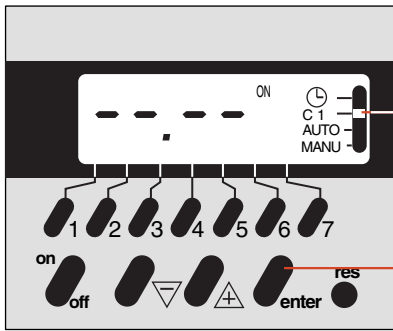
### Mode AUTO

Display of the time, the actual day and the state of the channel.

This mode is the current displaying mode. It doesn't allow any programming or manual override.

All keys are inactive, except RESET.

## 4. READING THE PROGRAM

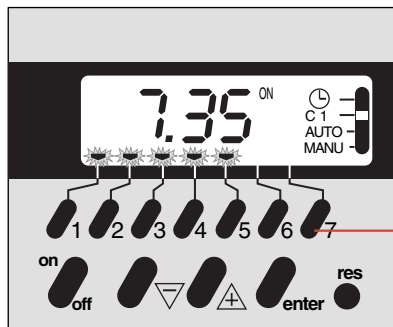


### Select CI

Press successively the "enter" key to display the switching action of all the days of the week. The actions will be chronologically displayed, the corresponding arrow(s) are flashing.

## 5. CHANGING OR CANCELLING THE PROGRAMMED ACTIONS

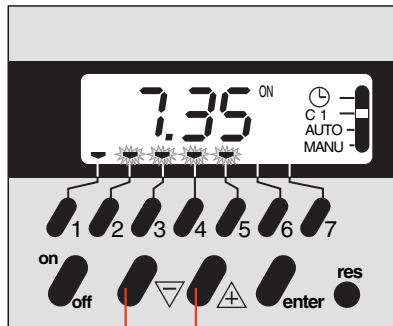
### 5.1 Changing the switching time



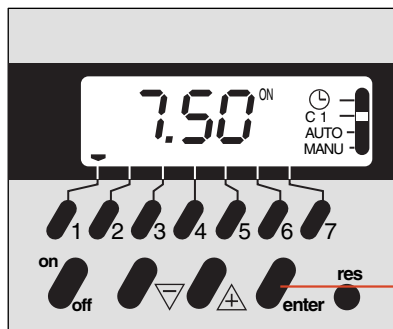
**Example:** change the ON action of Monday 7.35 to 7.50

**Refer to § 4 to select the action to modify.** The days' arrows are flashing

Select the day(s) to be modified. Display the continuous corresponding arrow(s), the others keep flashing



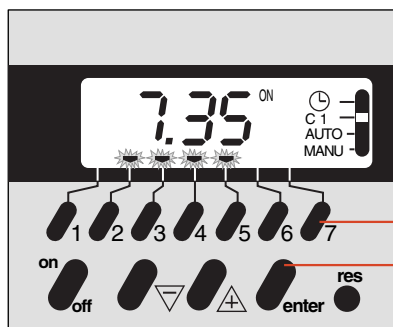
Modify the switching time.



**Warning:** in case of a full memory (20 memorized actions) switching time can only be modified for the whole group of days to which it belongs. If you try to overload the memory by pressing  $\nabla$  or  $\triangle$ , or on/off keys, 23671 will display "End".

Enter the new input data.

### 5.2 Adding day(s) to an existing switching action



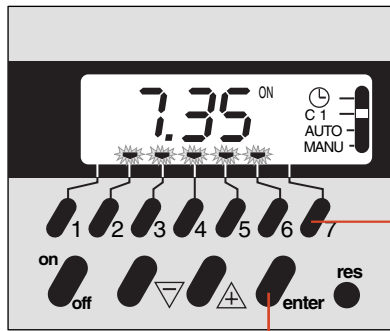
**Example:** assign "ON" at 7.35 on Saturday

**Refer to § 4 to select the action to modify.**

Select the day(s) to add.

Enter the new input data

### 5.3 Cancelling the assignment of an action on certain days



**Example:** cancel the assignment "ON" at 7.35 on Tuesday and Wednesday

**Refer to § 4 to select the action to modify.**

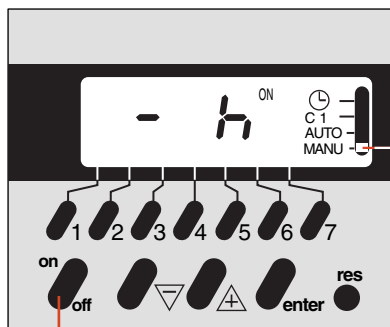
Select the day(s) to cancel. Delete the displayed day's arrow(s) by pressing the corresponding keys.

Replace the switching time by  $\text{--:--}$ .

## 6. MANU MODE

Allows to override ON or OFF. Two possibilities: - permanent override - timed override

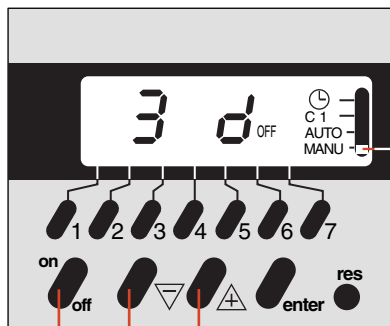
### 6.1 Permanent override



**Keep the switch in MANU mode**

Select the state ON or OFF. To cancel the permanent override: revert back in AUTO mode (without Manu programming display  $\text{-- h}$ ).

### 6.2 Timed override

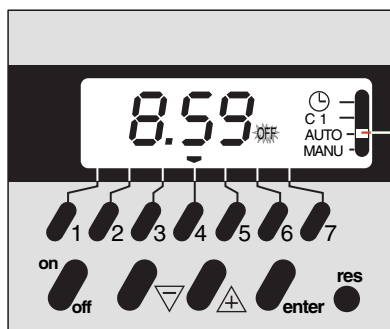


**Example:** Timed OFF for 3 days

**MANU mode**

- Input of duration, settable from 1 to 23 hours by steps of 1 hour.
- then from 1 to 27 days by steps of 1 day (the actual day included).

Select the state ON or OFF



**Revert back in AUTO mode**

The state indications of the channel is flashing. That means a timed override. After the programmed duration, the programm will follow its usual running.

- hours temporisation: return to the initial program after the precise duration.
- days temporisation: return to the initial program at 0.00 after the number of days.

**To cancel the timed override:** input  $\text{-- h}$  in MANU mode and revert back to AUTO mode.

