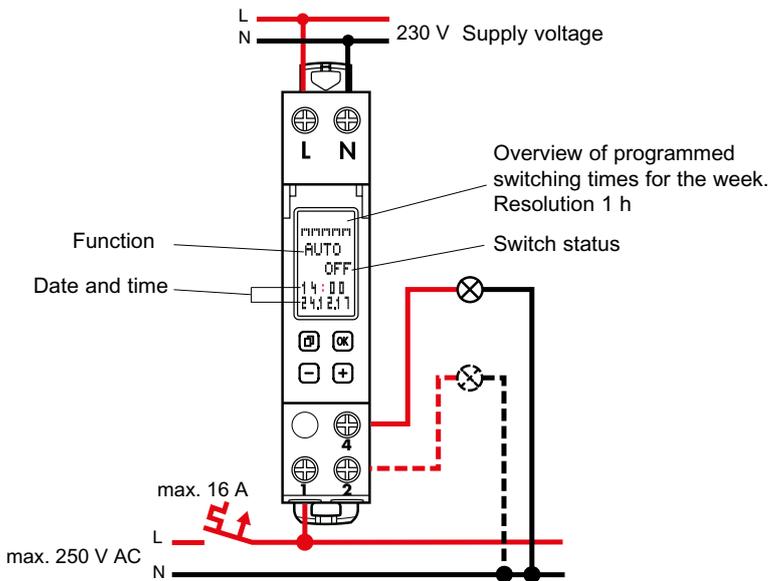


**⚠ Safety notes**

This product should be installed in line with installation rules, preferably by a qualified electrician. Incorrect installation and use can lead to risk of electric shock or fire. Before carrying out the installation read the instructions and take account of the product's specific mounting location. Do not open up, dismantle, alter or modify the device except where specifically required to do so by the instructions. All Legrand products must be opened and repaired exclusively by personnel trained and approved by Legrand. Any unauthorised opening or repair completely cancels all liabilities and the rights to replacement and guarantees. Use only Legrand brand accessories.  
The device contains a LiMnO<sub>2</sub> primary cell. When the product reaches the end of its life, this cell must be correctly removed and disposed of in accordance with national legislation and the requirements of environmental protection.



Operating principle: Typ 1.B. S. T.  
IEC/EN 60730-1, IEC/EN 60730-2-7  
Operation in a normal environment  
Montage: in distribution panel, Degree of contamination: 2  
Switch output, potential-free  
Rated impulse voltage: 4 kV

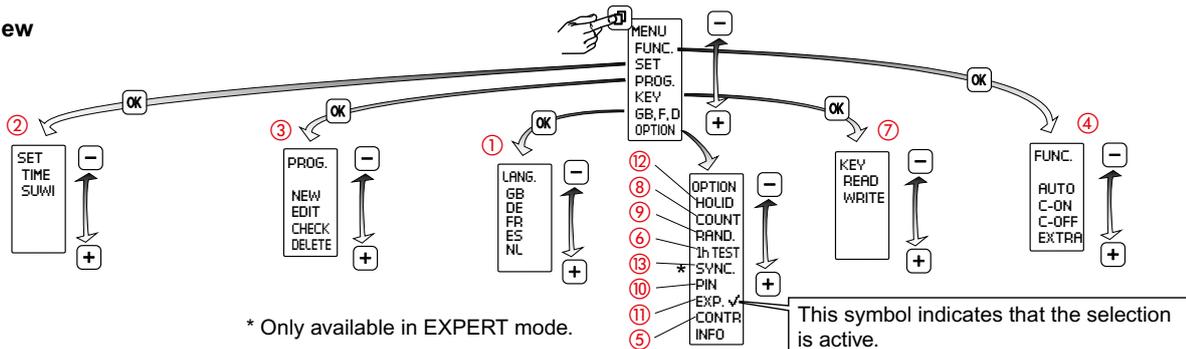
**General information**

• **Start-up:** after applying the supply voltage, the time switch starts automatically with the last selected function. The relay position is set by the current program.

- Select menu, back to main menu, Hold down > 1s = operating display
- Confirm selection or load parameters
- Select menu options or set parameters

4000 W	2000 VA	600 W 70µF	2000 W
1800 W	2000 W	2000 W	1000 W

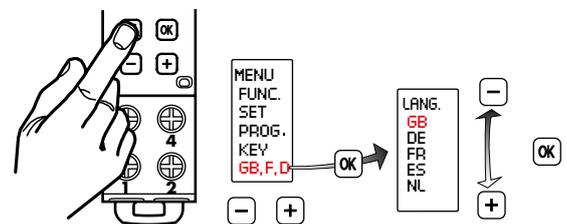
**Overview**



**Technical data**

Supply voltage:	230 V 50/60 Hz	
Effective power consumption:	0,25 W	
Contact rating:	1 changeover contact 16 A 250 V~µ cos φ = 1	
Parallel compensation:	600 W max. 70 µF	
Accuracy:	~ 0,1 s / day	
Terminal capacity:	single strand	multi strand
	1,5...4 mm <sup>2</sup>	1,5...2,5 mm <sup>2</sup>
Programmes :	28	
Battery reserve:	5 years	
Storage ambient:	-20 °C to +60 °C	
Working ambient:	-20 °C to +55 °C	
IP:	IP 20	

**1 Set language**

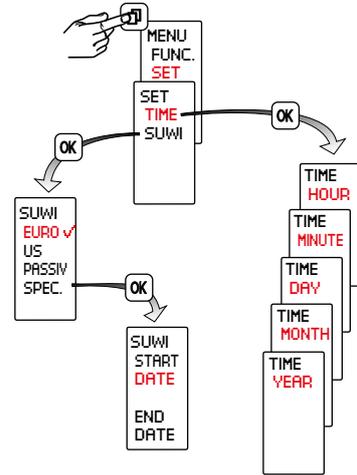


## 2 Set time/date, summertime

**Summertime: ± 1 hour**

**Europe:** Factory set

**SPECIAL:** The switchover to/from summertime can be freely programmed by entering a start date and end date and is then executed each year on the same day of the week, e.g. Sunday

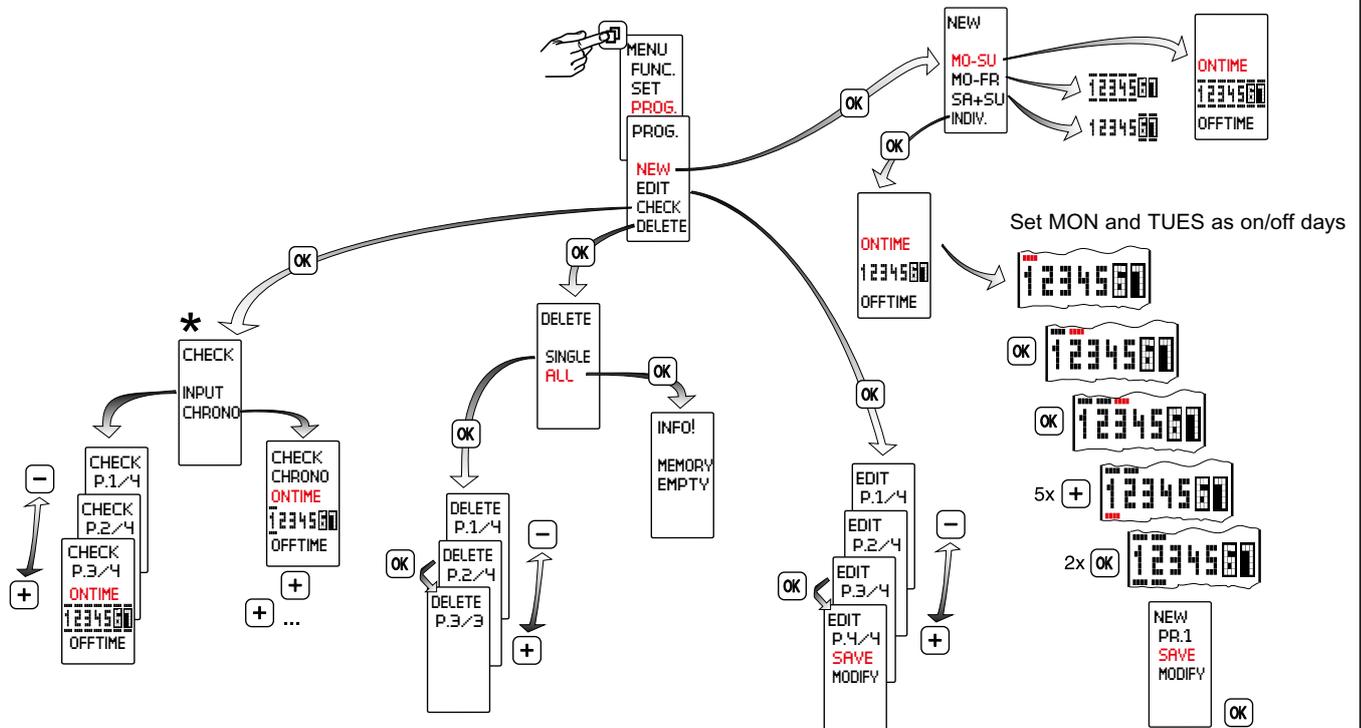


## 3 Programming

A program consists of an ON time, OFF time and associated on and off days.

Programs with predefined on/off days (MON to SUN, MON to FRI and SAT and SUN): for these programs, you only need to set the switching times. With the „INDIVIDUAL” option, you can allocate switching times to specific days of your choice.

The programs of a channel are combined with a logical OR.

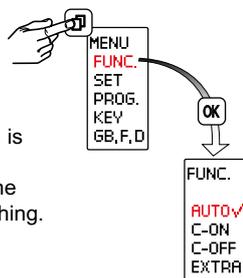


\* CHRONO = the switching times are indicated in chronological order during the week.  
 INPUTS = programs are indicated in the order in which they are entered.

## 4 Modes

- Auto - Automatic operation
- Constant ON
- Constant OFF
- Extra

The switch status imposed by the program is inverted (manual override).  
 With the next effective switch command, the time switch resumes control of on/off switching.



## Reset

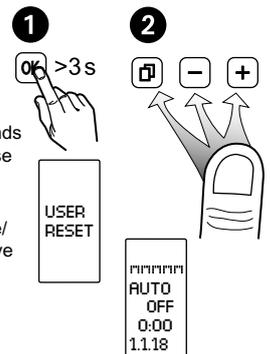
### Warning!

The memory will be cleared, and all set data will be lost.

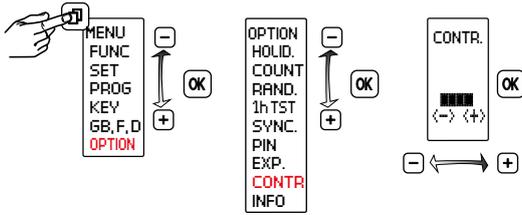
Hold down **OK** for more than 3 seconds and at the same time press and release **←** **→**.

**←** **→**

The language, time, date, summertime/wintertime and switching times will have to be re-entered.

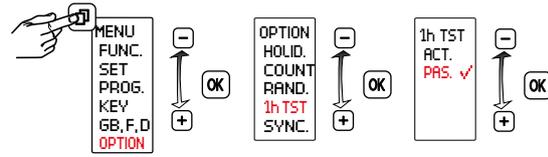


## 5 Contrast adjustment



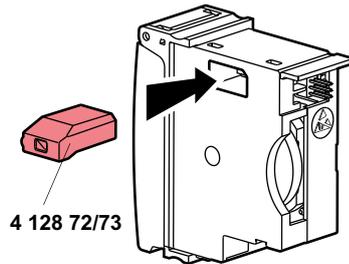
## 6 1 h-Test

When this function is activated, the outputs are switched on for one hour.



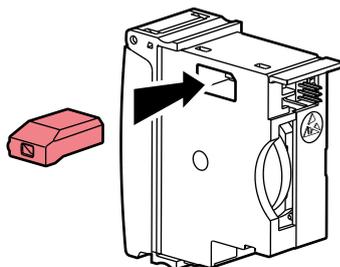
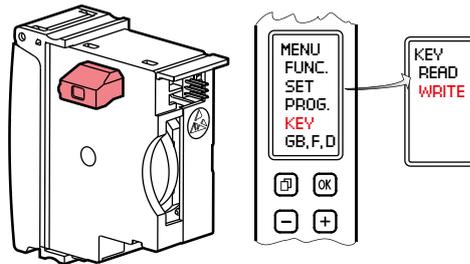
After one hour, the time switch returns automatically to the programmed mode.

## 7 Data key



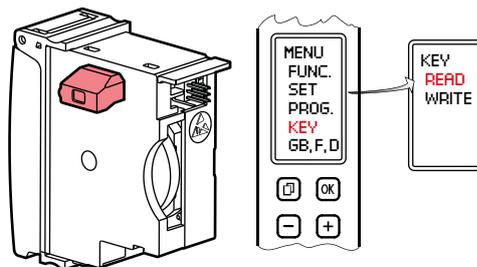
Load the programs of the time switch on to a data key (WRITE)

**Warning!** all programs already existing on the data key will be overwritten.



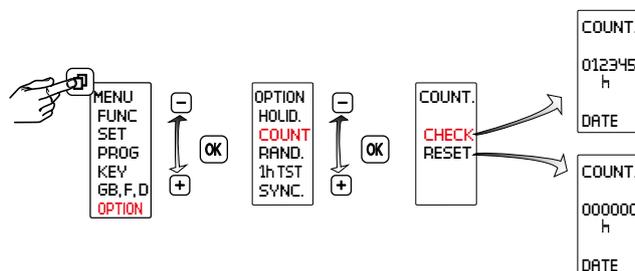
Load the programs from the data key to the time switch (READ)

**Warning!** all programs already programmed in the time switch will be overwritten.



## 8 Hour counter

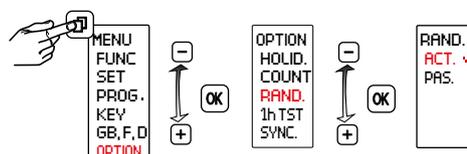
Displays the total relay ON time, from 0 to 65535 h, and the date of the last reset.



## 9 Random function

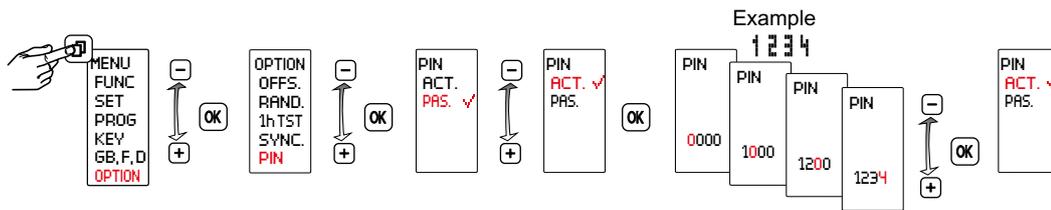
Function to simulate presence.

Function active: the programmed switching cycles are shifted at random within the range of  $\pm 15$  minutes.



## 10 Pincode

PIN CODE active: When the pin code is active, access to the button and key functions is disabled 5 minutes after the last button press. Access can be re-enabled by entering the pin, selecting PASSIVE or by resetting the device.

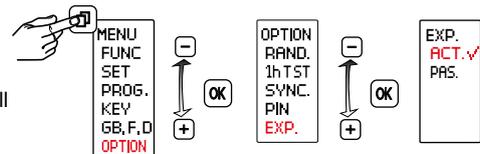


## 11 Expert mode

Some additional functions are available in Expert mode:

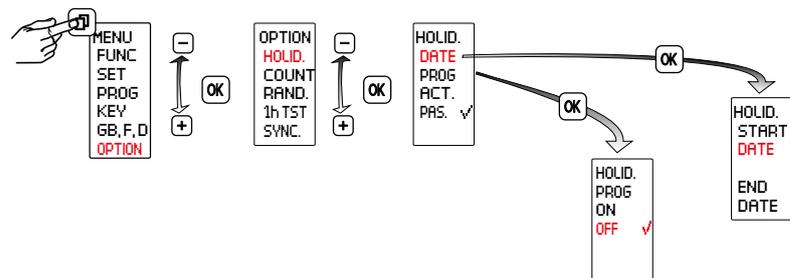
- Power grid synchronisation to improve the accuracy

Note: Upon switching from ACTIVE to PASSIVE the additional menu items are hidden again and all the Expert mode settings are cancelled. After re-activating, Expert mode will operate again with the basic settings.



## 12 Holidays

After activation the holiday program is executed between 0:00h on the start date and 24:00h on the end date (Constant ON/OFF). After the holiday program has run once, it must be reactivated.



## 13 Activating and deactivating grid synchronisation

Only available in EXPERT mode.

The default setting is PASSIVE. In order to improve the long-term accuracy, it is advisable to activate synchronisation if the time switch is supplied from a on 50/60 Hz grid with frequency adjustment.

