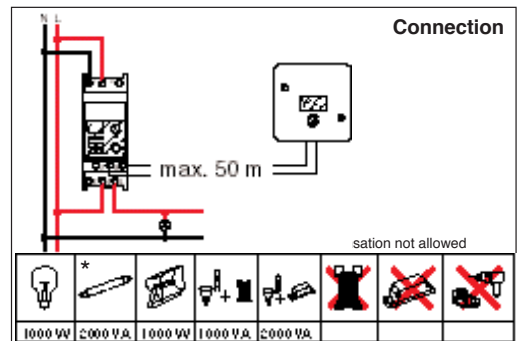


**Technical data**

|                    |   |
|--------------------|---|
| Supply voltage:    | 230V 50/60Hz  |
| Consumption:       | ~ 1,3W  |
| Contact rating:    | changeover contact 16A 250V~μ cos φ = 1               |
| Accuracy:          | ±2,5s/d   |
| Terminal capacity: | single strand   |
|                    | multi strand  |
|                    | 1,5 to 4 mm <sup>2</sup>   1,5 to 2,5 mm <sup>2</sup> |
| Program pictures:  | 8   |
| Battery reserve:   | 100h  |
| Storage ambient:   | -10°C to +60°C  |
| Working ambient:   | -10°C to +55°C  |
| Setting range:     | ~ 2.... 60000 lx                                      |



**Safety notes**

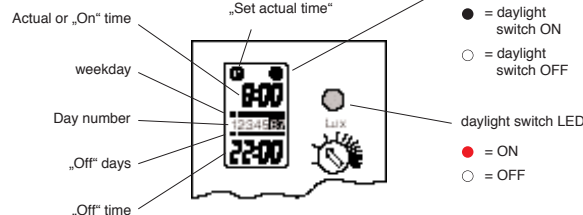
- Installation of these products should only be undertaken by a qualified electrician.
- The operational and electrical safety is only guaranteed, if the product is installed using its proper accessories, in a position as specified in the installation instructions.
- Any interference with the product makes the guarantee void.
- To ensure electromagnetic tolerance as required by the provisions to identify CE- products in applicable ambits of EMV 89/336/ CE-lines, adequate protective measures have to be found for consumers of high voltage dropout - current ( for example motor run devices or lamps exceeding power rating of 800W ) or commutation – times < 24 seconds.
- If the time switch is mounted near equipment where heat produced raises the local ambient above 55°C. Then a space should be put between the time switch and the equipment (e.g. ½ space module code 044 40 or 1 space module code 044 41).

**Function**

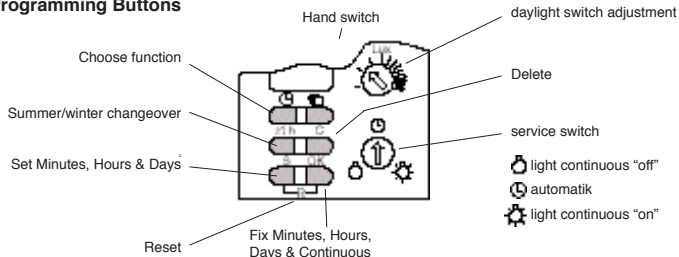
The MicroLux D is a daylight sensor and time switch in one unit. Up to 8 programs can be stored in the time switch. Programs for specific days or parts of the week with the same requirements can be stored (block building). During programming a "program picture" is used to ensure that all necessary instructions are included. The time switch determines when the daylight sensor is required. Setting the time switch "on" at 8.00 and "off" 22.00 could be suitable for lighting. Between those times the daylight switch would determine when to switch the lights on, depending on the increasing light in the morning or diminishing light in the evening. The time switch would terminate the lightning program at 22.00 hours. The summer-/winter changeover can be programmed for hand or automatic operation.

**Presentation**

**Liquid Crystal Display**



**Programming Buttons**

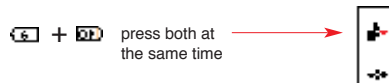


**1. Starting**

Approximately 30 seconds after the supply voltage is connected the symbols appear on the LCD.

**Before any operations the complete memory must be reset.**

**2. Memory reset**



The time switch memory is completely clear.

**3. Setting date and summer- / winter changeover**

**This can only be done after a Reset.**

Summer- / winter changeover can be made manually or automatically if set. If manual changeover is required choose **no** during the date input. Automatic changeover depends on your country / area. Choose the appropriate setting for your country / area.

**Code d**

Press until the correct day is set

Press once

Press until the correct month is set

Press once

Press until the correct year is set

Press once

Choose (See table below)

| Choice | Summer begins                   | Summer ends                       | Country / area     |
|--------|---------------------------------|-----------------------------------|--------------------|
| E      | last Sunday in April            | last Sunday in October            | EU                 |
| A      | 1 <sup>st</sup> Sunday in April | last Sunday in October            | only North America |
| Gb     | last Sunday in April            | 4 <sup>th</sup> Sunday in October | GB                 |
| no     | No changeover                   |                                   |                    |

**H** Enter here the date for the beginning of summer for your country / area as well as the end of summertime. E.g. 31<sup>st</sup> March is shown for the beginning of Summertime. In the following years it starts on the same day irrespective of the date.

**Setting of the beginning of summer code 1**

Set the day

Press once

Set the month

Press once

Set the year

Press once

The start date is set.

**End date setting code 0**

Set the end date as above

**After setting the summer start now set the actual time**

Press until display is as shown

### 4. Setting actual time

Press once

Press until the correct hour is shown

Press once

Press until the correct minute is shown

Press once

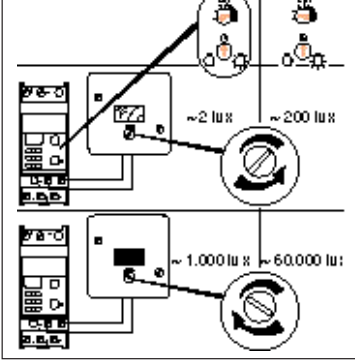
The weekday will shown automatically. Choice no press once Actual time is now set

### 5. Setting daylight level

a.) check, if  press once

b.) During dusk adjust the setting until the LED lights.

**Note: Because of the inbuilt time delay the output contact will operate approx. 1 minute later.**



### 6. Setting switching time

Each program has an On- and Off-time.

#### 6.1 7 Day block program. Each day the same

Press until this display appears

Set the On hour

Press once

Set the On minutes

Press once

Set the Off hour

Press once

Set the Off minutes

Press once

End of program

#### 6.2 Day Monday to Friday program

Press until this display appears

Set times as 6.1 above

#### 6.3 Single day programs

Press until this display appears

Set On hour

Press once

Set On minute

Press once

Set On day

Press once

Set other days as required *only if it is necessary*

Press once

Press to change to off hour

Set off hour

Press once

Set off minute

Press once

If the clock is on the correct day press

Otherwise use to set another day

Press once

End of program

### 7. Check switching times

Press once

Press several times until correct „picture“ is shown

Press until the actual time is shown

END

### 8. Delete switching times

Press several times until correct „picture“ is shown

Press to delete program and set a new programm or-

Press until the actual time is shown

### 9. Service switch

output switch continuously "off" (light)

daylight switch operates during the time switch program

output switch continuously "on" (light)

### 10. On and Off manual operation

Press as required

Display ● = On

Display ○ = Off

The time switch will follow the next „On“ or „Off“ program

### 11. Summer-/ Winter changeover

**This function is only available if no was chosen during date input for summer- / winter selection (see 3)**

Press until the actual time goes forward 1 hour (summer) or back 1 hour (winter)

### 12. Correcting mistakes (only in the mode of programming)

Press once

Press until actual time is displayed

END

### 13. Checking the date setting

**This function is not available if no was chosen during date input for summer- / winter selection (see 3)**

+ Hold & Press both buttons together

END