

# LUNA 122 top3 RC EL

Item no.: 1220230

## Time and light control Twilight switches

### Description

- Twilight switch with integrated weekly timer
- External light sensor included in delivery
- 2 channels
- Time synchronisation option via connection of an external DCF or GPS antenna
- 3 special programs (small annual program)
- 84 memory locations
- Programming by app possible
- Safe transfer via optional Bluetooth Low Energy OBELISK top3
- Maximum manipulation security, time switch programs can only be transferred from the app to the device when the Bluetooth OBELISK top3 is plugged into the device
- Switching brightness digitally adjustable
- Adjustable On and Off switching delay
- Switching brightness and switching delay can be set separately for switching On and Off
- Onscreen display of channel and switching status as well as current lux value
- DuoFix spring terminals
- Zero-cross switching for relay-saving switching and high lamp loads
- Up to 4 sensors can be attached
- Up to 10 devices can be connected to a digital sensor
- Interface for OBELISK top2 memory card (PC programming)
- Extended brightness range
- Permanent switching ON/OFF
- Test function
- Switching preselection
- Display back light (can be turned off)
- PIN coding
- Operating hour counter



### Technical data

| LUNA 122 top3 RC EL        |                       |
|----------------------------|-----------------------|
| Operating voltage          | 110 – 230 V AC        |
| Frequency                  | 50 – 60 Hz            |
| Number of channels         | 2                     |
| Number of memory locations | 84                    |
| Stand-by consumption       | ~0.8 W                |
| Program                    | Weekly program        |
| Additional program         | Extra/Holiday program |
| Time basis                 | Quartz/DCF77          |
| Setting range brightness   | 1 – 99000 lx          |

| LUNA 122 top3 RC EL     |                            |
|-------------------------|----------------------------|
| Preset brightness value | 15 lx                      |
| Switch-on delay         | 0 – 59 min                 |
| Switch-off delay        | 0 – 59 min                 |
| Type of contact         | Two-way changeover contact |
| Width                   | 2 modules                  |
| Installation type       | DIN rail                   |
| Type of connection      | DuoFix spring terminals    |
| Display                 | LCD-Display                |
| Keyboards               | 4 touch buttons            |

Subject to technical changes and misprints

additional information at: [www.theben.de/product/1220230](http://www.theben.de/product/1220230)

The load data are determined with exemplary selected illuminants and are therefore typical data due to the large number of available products.

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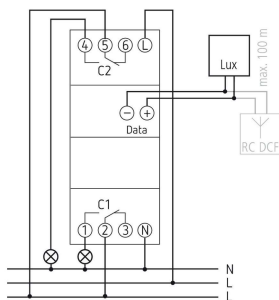
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## Technical data

| LUNA 122 top3 RC EL                                     |   |
|---|---|
| Shortest switching times                                | 1 min   |
| Power reserve   | 10 years at 20 °C   |
| Switching capacity                                      | 16 A at 250 V AC, $\cos \varphi = 1$ , 10 A at 250 V AC, $\cos \varphi = 0.6$ |
| Incandescent/halogen lamp load                          | 2600 W  |
| Halogen lamp load                                       | 2600 W  |
| Fluorescent lamp load (conventional) not corrected      | 2600 VA   |
| Fluorescent lamp load (conventional) parallel-corrected | 130 $\mu\text{F}$   |

| LUNA 122 top3 RC EL             |  |
|---------------------------------|--|
| LED lamp < 2 W                  | 50 W   |
| LED lamp 2-8 W                  | 600 W  |
| LED lamp > 8 W                  | 600 W  |
| Lichtsensor                     | Flush-mounted light sensor                                   |
| Housing and insulation material | High-temperature resistant, self-extinguishing thermoplastic |
| Ambient temperature             | -25°C ... 55°C   |
| Type of protection              | IP 20  |
| Protection class                | II, Sensor III   |
| Max. cable length to sensor     | 100 m  |

## Connection example



## Accessories

Digital flush-mounted light sensor

Item no.: 9070456



Antenna RC-DCF

Item no.: 9070410



PC set OBELISK top2/3

Item no.: 9070409



Memory card OBELISK top2

Item no.: 9070404



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## Accessories

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### Bluetooth OBELISK top3

Item no.: 9070130



### Antenna RC-GNSS R

Item no.: 9070807



### Antenna RC-GNSS

Item no.: 9070823

