# Time and light control

## Twilight switches, Digital, DIN rail




LUNA 121 top3 RC

### Description

- Twilight switch/light controller with integrated time switch with weekly programme
- External light sensor included in the scope of supply
- 1 channel
- External input
- Time synchronisation option via connection of an external antenna, e.g. top2/3 RC-DCF or top2/3 GPS antennas
- 3 special programmes (small annual programme)
- 84 memory locations
- Programming by app possible
- Safe transfer via optional Bluetooth Low Energy with OBELISK top3
- Maximum security against tampering, time switch programmes can only be transferred from the app to the timer if the Bluetooth OBELISK top3 is plugged in
- 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 load line connections
- 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 ON/OFF switching
- Test function
- Switching pre-selection
- Display lighting
- PIN coding
- Hour counter

### Product selection

| Number of channels | External inputs | On/off switching delay | Sensor (included) | Protection rating | Type | Article number |
|---|---|---|---|---|---|---|
| 1 | 1 | 0–59 min | Surface-mounted light sensor | IP 20, sensor IP 55 | LUNA 121 top3 RC AL | 1210130 |
| | | | Flush-mounted light sensor | IP 20, sensor IP 66 (front), ball throw tested \| IP 40 (back) | LUNA 121 top3 RC EL | 1210230 |

### Technical data

| | LUNA 121 top3 |
|---|---|
| Operating voltage | 110–230 V AC |
| Frequency | 50–60 Hz |
| Standby output | 0.75 W |
| Brightness setting range | 1–99,000 lx |
| On/off switching delay | 0–59 min |
| Type of contact | Changeover contact |
| Width | 2 modules |
| Switching capacity | 16 A (at 250 V AC, cos φ = 1), 10 A (at 250 V AC, cos φ = 0.6) |
| Incandescent/halogen lamp load | 2600 W |
| LED lamp < 2 W (typ.) | 50 W |
| LED lamp > 2 W (typ.) | 600 W |
| Fluorescent lamps uncompensated | 2600 W |
| Fluorescent lamps, parallel-compensated | 130 µF |
| Ambient temperature | –25 °C … +55 °C |
| Protection class | II, sensor III |
| Max. line length to sensor | 100 m |

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### Accessories



Bluetooth OBELISK top3
↳ Art.No.: 9070130



OBELISK top2 memory card
↳ Art.No.: 9070404



Front panel mounting kit
↳ Art.No.: 9070001

Light sensors
Wall mounting kit
Front panel kit
Antenna RC-DCF
Antenna RC-GNSS
Antenna RC-GNSS R

### Connection example

