## Time switch technology

## Distributor time switches, digital, DIN-rail, 2 modules







talento easy C1

### Description

#### talento easy B1

Digital time switch for DIN-rails with 1 channel, daily/weekly program and 50 memory locations for creating one date-dependent program (ON-OFF) and ten date-independent programs (ON-OFF) with a minimum switching time of 1 minute (ON-OFF). Free week day block formation. Summer-winter time changeover can take place automatically, on a specific date or can also be deactivated. 12/24 h setting. Switching status indicator. Integrated hour counter with service mode. Manual switch: automatic mode, fixed ON/ OFF, override. Green display lighting for good legibility. Non-volatile memory (EEPROM) for saving programs in the event of a power failure. Batterybased power reserve for up to six years. The time switch can be sealed and also PIN-protected against unwanted access. Programming is not completed directly on the time switch itself.

- Daily/weekly program
- Shortest switching time: 1 min(0N-0FF)
- DIN-rail
- 50 memory locations
- Automatic summer/winter time changeover

#### talento easy C1

Digital time switch for DIN-rails with 1 channel, Astro/daily/weekly program and 50 memory locations for creating one date-dependent program (ON-OFF) and ten date-independent programs (ON-OFF) with a minimum switching time of 1 minute (ON-OFF) or 1 second (cycle, pulse). Geographical database for 45 countries and 280 cities. Trigger modes for sunrise/sunset or dawn/dusk. Free formation of week day blocks. Summer-winter time changeover can take place automatically, on a specific date or can also be deactivated. 12/24 h setting. Switching status indicator. Integrated hour counter with service mode. Manual switch: automatic mode, fixed ON/ OFF, override. Green display lighting for good legibility. Non-volatile memory (EEPROM) for saving programs in the event of a power failure. Batterybased power reserve for up to six years. The time switch can be sealed and also PIN-protected against unwanted access. Programming is not completed directly on the time switch itself.

- Astro/daily/weekly program
- Shortest switching time: 1 min(0N-0FF)
- DIN-rail
- 50 memory locations
- Geographical database for 45 countries and 280 cities
- Trigger modes for sunrise/sunset or dawn/dusk

### **Product selection**

| Program                             | Number of channels | Operating voltage | Protection rating | Туре            | Item no.     |
|-------------------------------------|--------------------|-------------------|-------------------|-----------------|--------------|
| Daily/weekly program                | 1                  | 230 V AC          | IP 20             | talento easy B1 | 03.61.0001.1 |
| Daily/weekly program, Astro program | 1                  | 230 V AC          | IP 20             | talento easy C1 | 03.61.0002.1 |

14 GRÄSSLIN

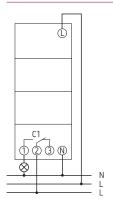
# Time switch technology

# Distributor time switches, digital, DIN-rail, 2 modules

## Technical data

|   | talento easy B1                | talento easy C1                |  |
|---|--------------------------------|--------------------------------|--|
| Operating voltage                             | 230 V AC                       | 230 V AC                       |  |
| Frequency                                     | 50/60 Hz                       | 50/60 Hz                       |  |
| Width   | 2 modules                      | 2 modules                      |  |
| Type of installation                          | DIN-rail                       | DIN-rail                       |  |
| Type of contact                               | NO contact                     | NO contact                     |  |
| Power reserve                                 | 6 years                        | 6 years                        |  |
| Switching capacity at 250 V AC, cos phi = 1   | 16 A                           | 16 A                           |  |
| Switching capacity at 250 V AC, cos phi = 0.6 | 10 A                           | 10 A                           |  |
| Shortest switching time                       | 1 min/1 s (pulse)              | 1 min/1 s (pulse)              |  |
| Time accuracy at 20 °C                        | Typically ± 0.5 s/day (quartz) | Typically ± 0.5 s/day (quartz) |  |
| Standby output                                | 6 VA                           | 6 VA                           |  |
| Protection rating                             | IP 20                          | IP 20                          |  |
| Protection class                              | II                             | II.                            |  |
| Ambient temperature                           | −10 °C +55 °C                  | −10 °C +55 °C                  |  |

## Connection example



GRÄSSLIN 15