

Time switch technology

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



talento easy B1



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. Battery-based 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(ON-OFF)
- 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. Battery-based 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(ON-OFF)
- 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	Type	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

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

