Time switch technology

System version for Astro time switches, DIN-rail, annual program



talento smart S25



talento smart CE2



talento smart LAN

Description

General functions

- The system version of the talento smart S25 enables installation engineers to develop a full system with up to 8 channels using the extension modules talento smart CE2.
- In addition to standard applications, the talento smart LAN module enables installation engineers to transfer and read out programs on the S25 remotely and also enjoy convenient management of large applications.
- Digital astro distributor time switch with 800 memory locations for creating 50 date-dependent programs (ON, OFF, cycle, pulse, random ON, random OFF) and 50 date-independent programs (ON, OFF, cycle, pulse, random ON, random OFF) with a shortest switching time of 1 minute (ON-OFF) or 1 second (cycle, pulse).
- Free week day block formation. Summer-winter time changeovers can take place automatically, on a specific date or can even be deactivated.
- 12/24 h setting. Switching status indicator. Built-in hour counter with service function. Manual switch: automatic mode, fixed ON/OFF, override. White display lighting for better legibility. Non-volatile memory (EEPROM) for backing up programs in the event of a power failure. Battery-based power reserve for up to eight years. The time switch is sealable and can be PIN-protected against unwanted access. Programming takes place either directly on the switch itself or via convenient remote programming using mobile devices and corresponding apps (Android and iOS) and suitable PC software.

talento smart S25

- 2 channels
- Basic system version device with largest package of functions

talento smart CE2

- 2 channels
- Channel expansion for developing a system with up to 8 channels in combination with the talento smart S25

talento smart LAN

- LAN-network-based module for remote access to the talento smart S25

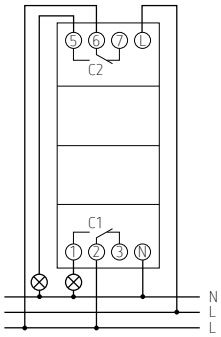
Product selection

Program	Program functions	Number of channels	Type	Type	Item no.
Astro program Annual program	ON/OFF, pulse, cycle	2	Basic module	talento smart S25	43.04.0001.1
			Channel extension	talento smart CE2	43.04.0004.1
-	-	-	Remote access module	talento smart LAN	43.04.0006.1
UL devices available on request (talento smart S25, talento smart CE2)					

Technical data

	talento smart S25	talento smart CE2	talento smart LAN
Operating voltage	110–230 V AC		230 V AC
Frequency	50–60 Hz		
Width	2 modules		
Type of installation	DIN-rail		
Type of contact	Changeover contact		–
Power reserve	8 years	–	–
Switching capacity at 250 V AC, cos phi = 1	16 A		–
Switching capacity at 250 V AC, cos phi = 0.6	10 A		–
Incandescent/halogen lamp load	2600 W		–
Compact fluorescent lamps	1000 W		–
LED lamp < 2 W (typ.)	100 W		–
LED lamp > 2 W (typ.)	600 W		–
Shortest switching time	1 min		–
Time accuracy at 20 °C	Typically ± 0.3 s/day (quartz)		–
Standby output	< 1 W		4 W
Protection rating	IP 20		
Protection class	II as per EN 60 730-1		
Ambient temperature	–20 °C … +55 °C		

Connection example



talento smart S25/CE2