

Digital DIN-rail time switches - talento smart S25

Item No 43.04.0001.1 / EAN Code 4010940044763



PRODUCT DESCRIPTION

DIN-rail timer with two channels \square can be extended to up to eight channels when combined with talento smart CE2 \square with 800 memory spaces for creating 80 date-specific programmes (ON, OFF Cycle, Impulse, Random ON, Random OFF) and 80 date-independent programmes (ON, OFF Cycle, Impulse, Random ON, Random OFF) with a minimum switching time of 1 minute (ON/OFF) or 1 second (cycle, impulse). Free weekday block formation. Summer/winter time adjustment can be automatic, date-specific or deactivated. 12/24 h setting. Switching state display. Integrated hours counter with maintenance mode. Manual switch: Automatic, Fix ON/OFF, Override. White display lighting makes it easy to read. Non-volatile memory (EEPROM) for storing programmes in the event of a power outage. Power reserve via battery of up to eight years. The clock can be sealed and can be protected with a PIN to prevent unauthorised access. Programming is performed either directly on the clock or conveniently by means of mobile devices and the corresponding apps (Android and iOS) and PC software.

- ▶ Convenient, automatic change from summer to winter time
- ▶ Optimal tamper protection through PIN code protection for the service interval settings
- ▶ Optimal tamper protection through sealable housing

APPLICATIONS

- ▶ Advertising lighting
- ▶ Street lighting
- ▶ Show window lighting
- ▶ Devices, motors or pumps control
- ▶ Roller blinds and sun blinds control
- ▶ Presence simulation
- ▶ Locking systems in buildings
- ▶ School bells / church bells control



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TECHNICAL DATA

Electrical Data

Supply voltage	AC 110-230 V \pm 10% 50-60 Hz
Current output	Changeover, potential-free, opening width < 3 mm phase-independent (zero crossing)
Current capacity - ohmic load	16 A / 250 V AC
Current capacity - inductive load cos.phi 0.6	10 A / 250 V AC
Switching capacity - minimal	100 mA (AC/DC)
Load incandescent / halogen lamp	2.600 VA
Load fluorescent lamps	730 VA (serial compensated) 1.000 VA (dual switching) 1.000 VA (not compensated) 1.000 VA (serial compensated)
Load compact fluorescent lamp	14 x 23 W 16 x 15 W 16 x 20 W 18 x 11 W 22 x 7 W
Load LED-lamps < 2 W	Max. 100 W
Load LED-lamps 2-8 W	Max. 600 W
Load LED-lamps > 8 W	Max. 600 W
Load sodium-vapour lamp - non-compensated	1 x 400 W 2 x 250 W
Load sodium-vapour lamp - serial compensated	1 x 250 W (32 μ F) 1 x 400 W (45 μ F) 2 x 150 W (20 μ F)
Load mercury-vapour lamp - serial compensated	1 x 400 W (25 μ F) 1 x 700 W (40 μ F) 2 x 250 W (18 μ F) 4 x 125 W (10 μ F) 6 x 50 W (7 μ F)
Load mercury-vapour lamp - non-compensated	1 x 700 W

	2 x 250 W
	4 x 125 W
Current capacity - DC	300 mA / 60 V DC
	800 mA / 24 V DC
Power consumption	< 1 VA (Standby-mode)
Accuracy	± 0,3 Second /Day at 20 °C
Power reserve	8 Years
	Programs saved in EEPROM

Power connection

Device	Screw terminal with wire protection max. 2.5 mm ² Captive latching screw
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Communication method

Radio signal	Bluetooth 4.0
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Operating specifications

Manual switch	Automatic mode Fix ON/OFF Override
Channels	2
Tempering protection	PIN code Lead-sealable
Program	80 date-dependent programs (Holiday-/Annual program) 80 date-dependent programs (Weekly program) Astro function OFF ON Free weekday block formation Impulse Random OFF Random ON Cycle
Programming	Device PC Smartphone/Tablet
Memory Ispaces	800
Meters	Hours counter with maintenance mode

Display and format

Display lighting	White
Time format	12-hour format (AM/PM) 24-hour format (default)
Shortest switching time	ON/OFF 1 minute Impuls 1 Second Cycle 1 Second
Summer/winter time	Automatic summer/winter time change Date-dependent summer/winter time change Can be deactivated
Status indicator	Switch position display

Operating conditions

Temperature (operation)	-20 °C ... +55 °C
Temperature (storage)	-40 °C ... +70 °C

General specifications

Number of modules	2
Weight	200 g
Material	Thermoplastics, self-extinguishing & high-temperature resistant
Dimension	90 x 35,5 x 60 mm (H x B x T)
Mounting	DIN rail

Languages CS, DA, DE, EN, ES, FI, FR, HU, IT, NL, NO, PL, PT, SV

Compliance with standards

Protection type	IP20
Protection class	II, according to corresponding mounting
Approval mark	CE, FCC, VDE
Standards and guidelines	EN 60730-1, EN 60730-2-7, EN 60950-1, EN 62311, EN 62479, EN 300 220-2, EN 301 489-1, EN 301 489-3

CIRCUIT DIAGRAMS

