

Digital DIN-rail time switches - talento smart C25

Item No 43.03.0002.1 / EAN Code 4010940044756



PRODUCT DESCRIPTION

DIN-rail timer with two channels with 500 memory spaces for creating 50 date-specific programmes (ON, OFF Cycle, Impulse, Random ON, Random OFF) and 50 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

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	50 date-dependent programs (Holiday-/Annual program)
	50 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	500
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

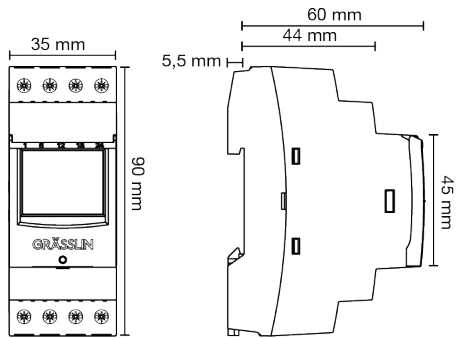
General specifications

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
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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

DIMENSIONAL DRAWINGS



CIRCUIT DIAGRAMS

