GRÄSSLIN
by Intermatic

Digital DIN-rail time switches - talento smart B25
Item No 43.02.0002.1 / EAN Code 4010940044725

PRODUCT DESCRIPTION

Digital DIN-rail timer with two channels with 100 memory spaces for creating two date-specific programmes (ON/OFF) and ten date-independent programmes (ON/OFF) with a minimum switching time of 1 minute. 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

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TECHNICAL DATA

Electrical Data	
Supply voltage	AC 110-230 V ± 10% 50-60 Hz
Curret 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 µF)
	1 x 400 W (45 µF)
	2 x 150 W (20 µF)
Load mercury-vapour lamp - serial compensated	1 x 400 W (25 µF)
	1 x 700 W (40 µF)
	2 x 250 W (18 µF)
	4 x 125 W (10 µF)
	6 x 50 W (7 µF)
Load mercury-vapour lamp - non-compensated	1 x 700 W

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	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 mm²
	Captive latching screw

Communication method

Radio signal	Bluetooth 4.0

Operating specifications

Manual switch	Automatic mode
	Fix ON/OFF
	Override
Channels	2
Tempering protection	PIN code
	Lead-sealable
Program	2 date-dependent programs (holiday/annual program)
	10 date-dependent programs (Weekly program)
	OFF
	ON
	Free weekday block formation
Programming	Device
	PC
	Smartphone/Tablet
Memory lspaces	100
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
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

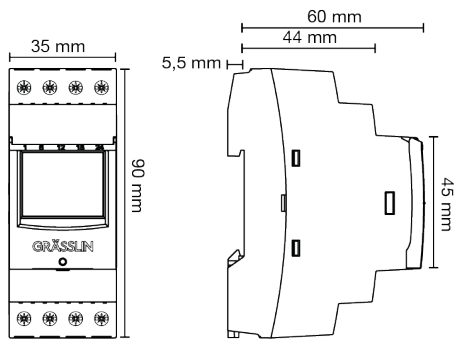## General specifications

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

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DIMENSIONAL DRAWINGS

35 mm

90 mm

5,5 mm

60 mm

44 mm

45 mm

CIRCUIT DIAGRAMS

CH1   CH2

(M)

(L) (N) (1) (2) (3) (5) (6) (7)