

## Digital DIN-rail time switches - talento smart B15

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### PRODUCT DESCRIPTION

Digital DIN-rail timer with one channel with 100 memory spaces for creating a date-specific programme (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 sealable housing
- ▶ Optimal tamper protection through PIN code protection for the service interval settings

### APPLICATIONS



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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 $\mu$ F) 1 x 400 W (45 $\mu$ F) 2 x 150 W (20 $\mu$ F)
Load mercury-vapour lamp - serial compensated	1 x 400 W (25 $\mu$ F) 1 x 700 W (40 $\mu$ F) 2 x 250 W (18 $\mu$ F) 4 x 125 W (10 $\mu$ F) 6 x 50 W (7 $\mu$ 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 mm²
	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	1
Tempering protection	PIN code
	Lead-sealable
Program	1 date-dependent program (holiday/annual program)
	10 date-dependent programs (Weekly program)
	OFF
	ON
	Free weekday block formation
Programming	Device
	PC
	Smartphone/Tablet
Memory Ispaces	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

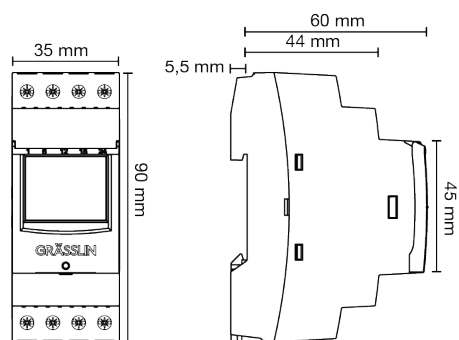
#### General specifications

Number of modules	2
Weight	180 g
	110 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

## DIMENSIONAL DRAWINGS



## CIRCUIT DIAGRAMS

