



KNX MDT SCN-RTC20.02 Time Switch Instruction Manual

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SCN-RTC20.02 Time Switch
Instruction Manual

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Important safety notes

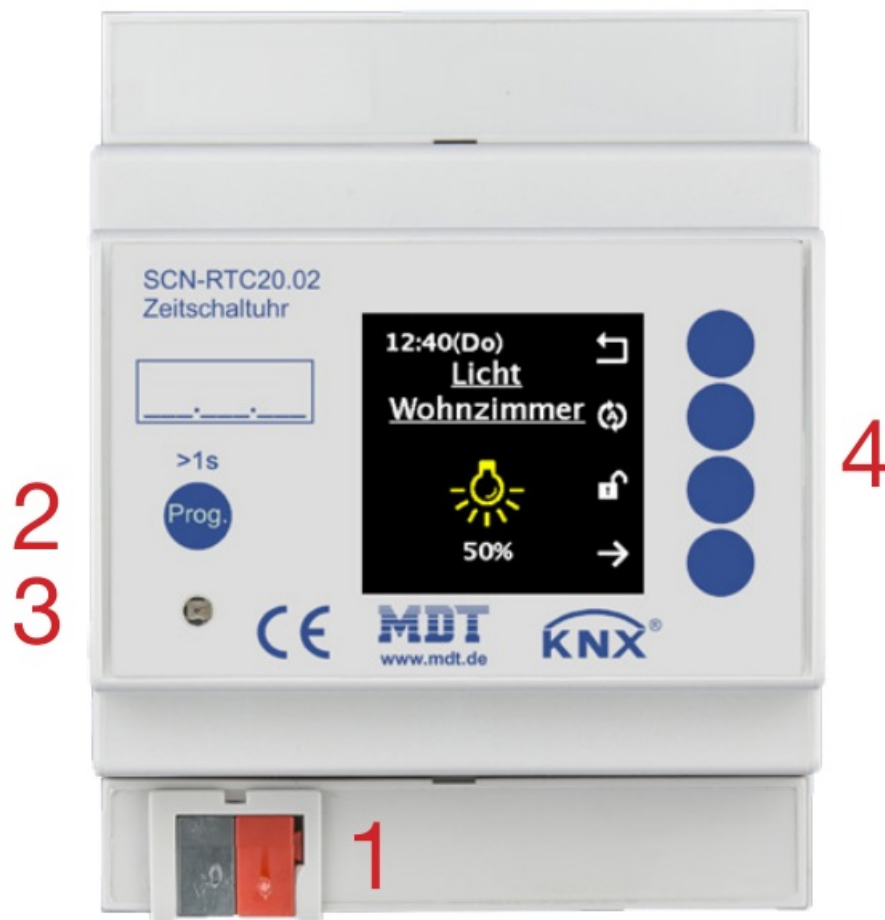
Danger High Voltage



Installation and commissioning of the device only be carried out by authorized electricians. The relevant standards, directives, regulations, and instructions must be observed. The devices are approved for use in the EU and have the CE mark. Use in USA and Canada is prohibited.

Terminals, Operating, and Display Time Switch

SCN-RTC20.02



1. KNX bus connection terminal
2. Programming key
3. Red programming LED
4. Operating buttons

Installation Time Switch

Technical Data	SCN-RTC20.02
Number of channels	20
Cycle times each channel	8
Accuracy typ.	< 5min/year
Power reserve	24 hours
Specification KNX interface	TP-256
Available application software	ETS 5
Permitted wire gauge KNX bus connection terminal	0,8mm Ø, solid core
Power Supply	KNX Bus
Power consumption KNX bus type.	< 0,25W
Operation temperature range	0 bis + 45°C
Enclosure	IP 20
Dimensions MDRC (Space Units)	4TE

1. Place the Time Switch on DIN 35mm rail.
2. Connect the Time Switch to the KNX bus.
3. Switch on the KNX power supply.

Exemplary circuit diagram SCN-RTC20.02



Description Time Switch

The MDT Time switch with 20 channels (8 cycle times for each channel) has a daily/weekly/Astro switching function and an adequate power reserve if the bus voltage fails. The cycle times of the single channels are adjustable by the ETS or can be set directly at the device.

The large active color display for comfortable handling allows direct switching of the 20 channels (Manual Mode). The time switch offers cyclic sending of the time on the KNX bus and clock time adjustment by bus telegram

(Master-/slave mode).

The 8 logical blocks with 4 inputs each allow individual conjunctions.

The MDT Time Switch is a modular installation device for fixed installation in dry rooms. It fits on DIN 35mm rails in power distribution boards or closed compact boxes.

Commissioning Time Switch

Note: Before commissioning please download the application software at www.mdt.de/Downloads.html

1. Assign the physical address and set parameters with the ETS.
2. Upload the physical address and parameters into the Time Switch.
After the request press the programming button.
3. After successful programming, the LED turns off.



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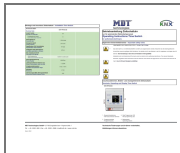
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Documents / Resources



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