

## MDT Time Switch 20 channels with active colour display, MDRC

|              |             |  |
|--------------|-------------|--|
| Version      |             |  |
| SCN-RTC20.02 | Time Switch | 4SU MDRC, Time Switch with 20 channels (8 switch times for each channel) |

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 colour 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.

For project design and commissioning of the MDT Time Switch it is recommended to use the ETS. Please download the application software at [www.mdt.de/Downloads.html](http://www.mdt.de/Downloads.html)

SCN-RTC20.02



- Production in Germany, certified according to ISO 9001
- Time switch with 20 channels (8 switch times for each channel)
- Switching times adjustable via ETS and on the device
- Day/week/astro switching function, power reserve
- **Automatic holiday calculation**
- Output objects for date/time (master)
- Date/time adjustable via bus (slave)
- Special channel for day/night function
- **Control of height and slat for blind function per channel**
- **Output objects for azimuth and elevation angle**
- **Protection against unauthorized access by code lock function**
- **Switching time repetition adjustable per channel**
- Cyclic transmission in normal mode
- Threshold comparator from 1-4 bytes
- 8 logic blocks with 4 inputs each
- 3 years product warranty

|                                       |                     |  |  |  |
|---------------------------------------|---------------------|--|--|--|
| <b>Technical Data</b>                 | SCN-RTC20.02        |  |  |  |
| <b>Number of channels</b>             | 20                  |  |  |  |
| Cycle times each channel              | 8                   |  |  |  |
| <b>Accuracy typ.</b>                  | < 5 min/year        |  |  |  |
| <b>Power reserve</b>                  | 24 hours            |  |  |  |
| <b>Specification KNX Interface</b>    | TP-256              |  |  |  |
| <b>Available application software</b> | ETS 5               |  |  |  |
| <b>Permitted wire gauge</b>           |                     |  |  |  |
| KNX busconnection terminal            | 0,8mm Ø, solid core |  |  |  |
| <b>Power supply</b>                   | KNX bus             |  |  |  |
| <b>Power consumption KNX Bus typ.</b> | < 0,25W             |  |  |  |
| <b>Operation temperature range</b>    | -10 to +50°C        |  |  |  |
| <b>Enclosure</b>                      | IP 20               |  |  |  |
| <b>Dimensions MDRC (Space Units)</b>  | 4SU                 |  |  |  |

Exemplary circuit diagram SCN-RTC20.02

