MDT Logic Module, MDRC

Version		
SCN-LOG1.02	Logic Module	2SU MDRC

The MDT Logic Module is used for fast and easy compilation of logical functions to control building automation systems. All the functions are parametrized directly in the ETS without additionally software tools. There are 24 independent function blocks with arbitrary functions available. For each function a description can be stored in the ETS. The 4 LEDS on the front panel can be controlled optional by objects.

According to date, time and location the Logical Module calculates sunset, sunrise and twilight. Additionally there are output objects available for sommer/winter time, day of the week, every hour, every minute, day/night.

Inside the independent function blocks these functions can be selected:

- Universal logic with up to 5 conditions
- Logic gates with (AND,OR/XOR), each with 8 inputs
- Cyclical sending or polling of values
- Sending or polling of values after bus voltage return
- Storing of values if the bus voltage fails
- Monitoring of telegrams
- Filter functions
- Multiplexer/Partition control

- Converting of data point types
- Comparison of temperature/values
- Time functions
- Follow-up control with ventilation
- Min-/Max/Average value
- Universal calculator
- Converting to PWM
- Telegram multiplier/sequencer

The MDT Logic Module 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 Logical Module it is recommended to use the ETS or later.
Please download the application software at www.mdt.de/Downloads.html

SCN-LOG1.02

- Production in Germany, certified according to ISO 9001
- **24 independent function blocks assignable:**
- Universal logic with up to 5 conditions
- Logic gates with (AND,OR/XOR), each with 8 inputs
- Cyclical sending or quering of values
- Sending or polling of values after bus voltage return
- Value storage if the bus voltage fails
- Monitoring of telegrams
- Filter functions
- Multiplexer/Partition control
- Converting of data point types
- Comparison of temperature/values
- Time functions
- Follow-up control with ventilation
- Min-/Max/Average value
- Universal calculator
- Converting to PWM
- Telegram multiplier/sequencer
- 4 LEDS on the front can be controlled optional by objects
- 3 years warranty

MDT Logic Module

Technical Data	SCN-LOG1.02
Specification KNX Interface	TP-256 with long frame support for ETS5
Available application software	ETS 4/5
Permitted wire gauge	
KNX busconnection terminal	0,8mm Ø, solid core
Supply voltage	KNX Bus
Power consumption KNX bus typ.	< 0,3W
Operation temperature range	-10 to + 50°C
Enclosure	IP 20
Dimensions MDRC (Space Units)	2SU

Examplary circuit diagram SCN-LOG1.02