MDT Logical Module

MDT Logical Module, MDRC

Version		
SCN-LOG1.01	Logical Module	2SU MDRC

The MDT Logical Module allows to compile universal logical functions to control building automation systems.
These functions are available :

- 8 logical blocks with 8 inputs each (AND, OR and XOR operations are possible)
- Δ T temperature switch
- Value inverter for byte objects
- Telegram rate limitation
- 4 format converter (Bit > Byte, Byte > Bit, 2 x Bit > 2 Bit,
  2 Bit > 2 x 1 Bit, 1 Byte value telegramm > 1 Bit switching telegramm)
- 4 modules to filter ON and/or OFF telegrams
- 8 multiplexer modules (suitable to control conference rooms with moveable walls)
- 4 sequencer modules to generate multiple telegrams
- 2 temperature modules to control HVAC devices
- 4 time modules (Time delay, staircase light function, follow up control)
- 8 LED indicators for internal and external objects

The MDT Logical 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 ETS3f/ETS4 or later.

SCN-LOG1.01

- Production in Germany, certified according to ISO 9001
- 8 logical blocks with 8 inputs each (8 objects)
- Δ T temperature switch
- Value inverter for byte objects
- Telegram rate limitation
- 4 format converter
- 4 modules to filter ON and/or OFF telegrams
- 8 multiplexer modules (suitable to control conference rooms with moveable walls)
- 4 sequencer modules to generate multiple telegrams
- 2 temperature modules
- 4 time modules with compare function and time delay
- 8 LED indicators for internal and external objects
- Modular installation device for DIN 35mm rails
- Integrated bus coupling unit
- 3 years warranty

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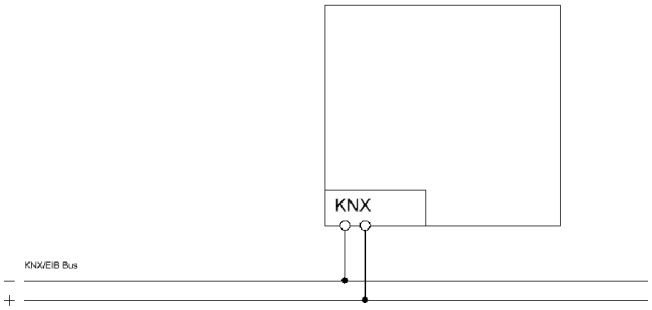
Stand: 1012

MDT Logical Module

Technical Data	SCN-LOG1.01
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-LOG1.01



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