MDT Glass Room Temperature Controller 1-fold with LCd display, flush mounted

Version		
SCN-RT1GW.01	Room Temperature Controller 1-fold with LCD display	Flush mounted, White
SCN-RT1GS.01	Room Temperature Controller 1-fold with LCD display	Flush mounted, Black

The MDT Glass Room Temperature Controller is used to control the indoor temperature, it has a working range from -10 to +50°C. The MDT Glass Room Temperature Controller detects the temperature and releases telegrams in dependence on its parameterisation.
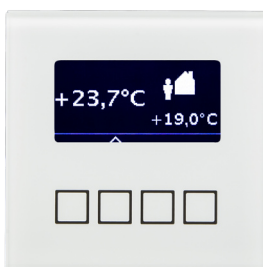
The characteristic of the MDT Glass Temperature Controller (Two-position, PI and PWM control) can be set in the ETS3/4. The MDT Glass Room Temperature Controller stores the minimum and maximum temperature and releases an alarm telegram if the temperature differs from the programmed limit values. The temperature of the frost protection is parameterizable.

The large LCD display optionally shows inside/outside temperature, the desired value and the current time. Also user defined messages and 14byte telegramms from the KNX bus can be displayed.

The MDT Glass Room Temperature Controller is a flush mounted device for fixed installations in dry rooms.

For project design and commissioning of the MDT Glass Room Temperature Controller it is recommended to use the ETS. Please download the application software at www.mdt.de/Downloads.html

SCN-RT1GW.01   SCN-RT1GS.01

- Production in Germany, certified according to ISO 9001
- **Large LCD Display (with automatic light intensity control)**
- Room temperature controller with temperature sensor -10 to +50°C
- Comfort-/night-/standby-/frost protection operation
- Selectable temperature controller (PI, Two-position, PWM)
- Status feedback by HVAC and RHCC status objects
- Limit values min/max, frost-/heat protection alarm, min/max memory
- Given value is stored at voltage failure
- **Indication of inside/outside temperature, desired value and time**
- **Indication of user defined messages (1Bit)**
- **Indication of text telegramms (14Byte)**
- **Two direct switching functions (e.g. light, shutter)**
- **Ventilation functions (hand or automatic)**
- Dimensions (W x H): 92mm x 92mm
- Recommended mounting height: 1,50 - 1,60m
- Integrated bus coupling unit
- 3 years warranty

Technical Data	SCN-RT1GW.01	SCN-RT1GS.01		
Configuration	RTC	RTC		
Number of Channels	1	1		
Measurement range temperature	-10 to +50°C	-10 to +50°C		
Specification KNX interface	TP-256	TP-256		
Available application software	ETS 3/4/5	ETS 3/4/5		
Permitted wire gauge				
KNX busconnection terminal	0,8mm Ø, solid core	0,8mm Ø, solid core		
Power supply	KNX bus	KNX bus		
Power consumption KNX bus typ.	< 0,25W	< 0,25W		
Operating temperature range	-10 to +50°C	-10 to +50°C		
Enclosure	IP 20	IP 20		
Dimensions (W x H x D)	92mm x 92mm x 28mm	92mm x 92mm x 28mm		
Recommended mounting height	1,50 - 1,60 m	1,50 - 1,60m		

Examplary circuit diagram SCN-RT1Gx.01

DIN EN ISO 9001
TAW Cert
Zert.Nr.1905606