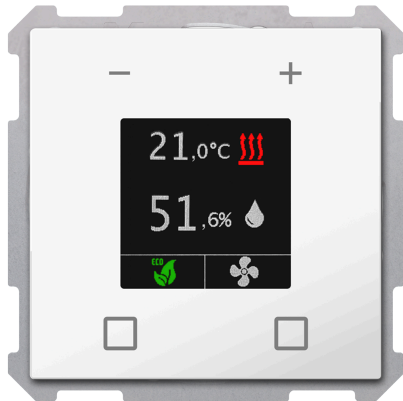


SCN-RTN63S.01

KNX Room Temperature Extension Unit Smart 63, studio white glossy finish



Product description:

The MDT Smart 63 room temperature extension unit to measure room temperature. Adjustment of temperature setpoints of an external controller - as an example AKH or RTR - are possible by means of the plus/minus buttons. Two further buttons are individually programmable. The dew point is calculated by the integrated humidity sensor. Design suitable for 63 mm switch ranges of various manufacturers.

Product functions:

- Suitable for 63 mm switch ranges, e.g. MDT assortment 63 or Busch-Jaeger future linear, solo, carat and Busch-accent
- **Active colour display for function and status indication**
- **Selectable background colour and brightness of the display (white or black)**
- **Display of set- and actual temperature**
- **Room temperature extension unit for rooms**
- Measurement range -10 ... +50 °C
- Easy setpoint adjustment over separate +/- Push-buttons
- 1 Bit +/-, 1 Byte or 2 Byte absolute object for setpoint adjustment
- **Temperature min/max memory and messages**
- **Room temperature control in combination with the MDT AKH-Heating actuators**
- **Ventilation control with manual and automatic operation**
- Installation in an installation box using the included installation frame
- Recommended installation height: 1.60 m
- Integrated Bus coupler

Technical data:

Device	Device type	SCN Room Temperature Extension Unit
	Article Number	SCN-RTN63S.01
	EAN / GTIN	4251916111700
	Colour	Studio white, glossy
	Display	Active colour display
	Dimensions (H x W x D)	63 x 63 x 26 mm
	Weight, gross (incl. packaging)	0.077 kg
	Protection classification	IP20
	Installation type	Flush mounted
	Installation depth in switch box	12 mm
	Included carrying ring	Carrying ring A
	Recommended installation height	1.6 m
	Installation position	any
	Weight, net	0.052 kg
Operation	Number of buttons	4 Push-buttons
Inputs	Measuring range for temperature	-10 ... +50 °C
	Measuring range for relative humidity	0 ... 95 %
	Manual setpoint adjustment	By means of Push-buttons
KNX	Nominal voltage KNX	30 V DC SELV
	Voltage range KNX	21 ... 31 V DC SELV
	Typical power consumption KNX bus	< 0,3 W
	KNX Medium	TP-256 with long frame support
	KNX Application	as of ETS 5 (latest)
Environmental conditions	Ambient operating temperature	0 ... 45 °C
	Storage	-20 ... +55 °C
	Air humidity (permanent)	20 ... 80 %
	Air humidity (short-term)	0 ... 95 %
	Condensation permissible	No
Connections	Temperature sensor	Integrated
	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

Wiring diagram:

