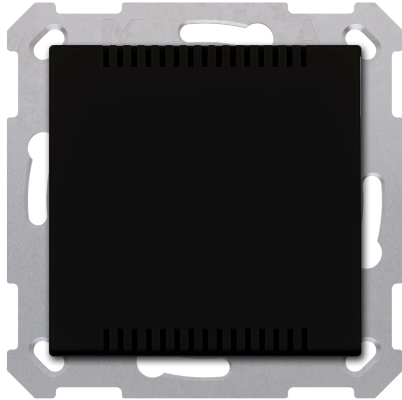


SCN-RT1UP06.01

KNX Room Temperature Controller 55, Black matt finish



Product description:

The MDT Room Temperature Controller for temperature measurement and room temperature control. As an example, in combination with an MDT universal actuator AKU or for functionally complementing a heating actuator without an integrated controller. In addition to the extensive settings for temperature control, messages and alarms for temperature thresholds can also be set. Design suitable for 55 mm switch ranges from various manufacturers.

Product functions:

- Suitable for 55 mm switch ranges e.g. MDT assortment 55 or GIRA E2 or BERKER B3, B7 or JUNG A 550 or Merten M-Pure
- **Selectable controller type (2-step, PI, PWM)**
- Setpoint storage in the event of a bus power failure
- Bit/Byte object for set point adjustment
- Temperature control of rooms, Measurement range -10 ... +50 °C
- Temperature min/max memory, messages and Frost/heat protection alarm
- Setpoint adjustment via visualisation, e.g MDT VisuControl
- Day-/night-/frost protection mode
- Status via HVAC and RHCC objects
- Operation mode change via Bit/Byte object
- Installation in an installation box using the included installation frame
- Integrated Bus coupler

Technical data:

Device	Device type	SCN Room Temperature Controller	
	Article Number	SCN-RT1UP06.01	
	EAN / GTIN	4251916113797	
	Colour	Black, matt finish	
	Dimensions (H x W x D)	55 x 55 x 13 mm	
	Weight, gross (incl. packaging)	0.06 kg	
	Protection classification	IP20	
	Installation type	Flush mounted	
	Included carrying ring	Carrying ring A	
	Installation position	any	
	Weight, net	0.034 kg	
	Inputs	Measuring range for temperature	-10 ... +50 °C
	Outputs	Number of integrated temperature controllers	1
Room temperature control range		18 ... 25 °C	
Temperature range for messages		1 ... 40 °C	
KNX	Nominal voltage KNX	30 V DC SELV	
	Voltage range KNX	21 ... 31 V DC SELV	
	Typical power consumption KNX bus	< 0,25 W	
	KNX Medium	TP-256 with long frame support	
	KNX Application	as of ETS 3	
Environmental conditions	Ambient operating temperature	-10 ... +50 °C	
	Storage	-20 ... +55 °C	
	Humidity	< 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:

