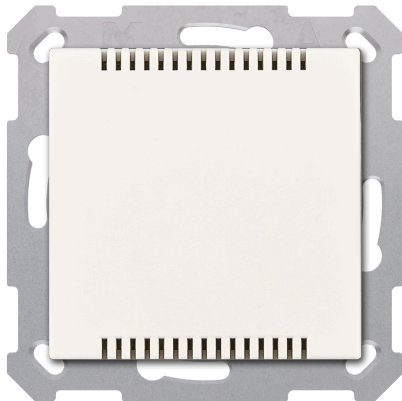


## SCN-RT1UP.G1

KNX Room Temperature Controller 55, Pure White glossy 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, GIRA Standard 55, E2, Event, Esprit, BERKER S1, B3, B7, JUNG A 500, A PLUS, A CREATION, AS 500, A 550, A FLOW or MERTEN 1M, M-Smart, M-Plan, 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:

<b>Device</b>	Device type	SCN Room Temperature Controller	
	Article Number	SCN-RT1UP.G1	
	EAN / GTIN	4251916111618	
	Colour	Pure White, glossy finish	
	Dimensions (H x W x D)	55 x 55 x 13 mm	
	Weight, gross (incl. packaging)	0.054 kg	
	Protection classification	IP20	
	Installation type	Flush mounted	
	Included carrying ring	Carrying ring A	
	Installation position	any	
	Weight, net	0.034 kg	
	<b>Inputs</b>	Measuring range for temperature	-10 ... +50 °C
	<b>Outputs</b>	Number of integrated temperature controllers	1
Room temperature control range		18 ... 25 °C	
Temperature range for messages		1 ... 40 °C	
<b>KNX</b>	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	
<b>Environmental conditions</b>	Ambient operating temperature	-10 ... +50 °C	
	Storage	-20 ... +55 °C	
	Humidity	< 95 %	
	Condensation permissible	No	
<b>Connections</b>	Temperature sensor	Integrated	
	KNX connection type	KNX terminal	
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor	

## Wiring diagram:

