

SCN-RT8REG.02

KNX Temperature Controller 8-channel, 2 SU MDRC



Product description:

The Room Temperature Controller offers 8 independent controllers for heating and/or cooling operation. The range of functions extends from simple heating control up to complete air conditioning of a room. The control can optionally be conducted via a 2-point control, a switching PI control (PWM) or the continuous PI control. The Room Temperature Controller supports single- and dual-circuit systems.

Product functions:

- **Selectable controller type (2-step, PI, PWM)**
- **Temperature measurement over separate KNX Bus sensors**
- **Control range 7 ... 35 °C**
- Upper and lower limit values (1 ... 40 °C)
- Frost-/heat alarm
- Min/Max value memory
- Cyclic sending, selectable
- Day-/night-/frost-/heat protection mode, cooling function
- Status via HVAC and RHCC objects
- Operation mode change via Bit/Byte object
- Setpoint adjustment via visualisation, e.g MDT VisuControl
- 3 year warranty

Technical data:

Device	Device type	SCN Temperature Controller
	Article Number	SCN-RT8REG.02
	EAN / GTIN	4251916111847
	Installation width	2 SU / 36 mm
	Dimensions (H x W x D)	90 x 36 x 65 mm
	Weight, gross (incl. packaging)	0.087 kg
	Protection classification	IP20
	Installation type	MDRC, DIN rail 35 mm
	Installation position	any
	Weight, net	0.068 kg
Outputs	Number of integrated temperature controllers	8
	Room temperature control range	7 ... 35 °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	< 0,3 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
	Humidity	< 95 %
Connections	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

Wiring diagram:

