

## CLIMATE CONTROLS

### Room temperature controls TS 3x.10 knx



#### Overview

- Sensor for temperature measurement
- Temperature control over KNX
- Temperature sensor (Measuring range 0...+50 °C)
- 5 binary and analogue inputs (e.g. for connecting an external temperature sensor)
- Easy installation and mounting
- Modern and planar design
- Wall mounting
- Additionally at TS 31.10 knx: manual adjustment of set-point temperature via touch panel (adjustment range  $\pm 3^\circ$ , increment 0,5 °)

#### Order numbers

■ müller	
TS 30.10 knx	Room temperature control
TS 31.10 knx	Room temperature control with manual set-point temperature adjustment $\pm 3^\circ\text{C}$

#### Accessories



TF06 Temperature sensor



Back part for surface wiring 200.004

# CLIMATE CONTROLS

## Room temperature controls TS 3x.10 knx

### Order information

	EAN	Art. No.
TS 30.10 knx	4022709236531	23653
TS 31.10 knx	4022709236555	23655
TS 30.10 knx RAL9005 jet black	4022709241627	24162
TS 30.10 knx RAL9005 jet black	4022709241634	24163

### Technical data

Supply voltage	via KNX bus voltage
Bus current	< 10 mA
Bus system	KNX
Sensors	temperature
Inputs	5 binary and analog inputs I4 & I5: For external temperature sensor input (PT1000 or müller TF06 (10kΩ))
Manual operation (only TS 31.10 knx)	manual adjustment of set-point temperature (adjustment range $\pm 3^\circ$ , increment $0,5^\circ$ )
Measuring range temperature	0...+50 °C
Permitted ambient temperature	0...+50 °C
Housing	self-extinguishing thermoplastic
Dimensions	80,5 x 80,5 x 17 mm
Housing color	studio white (similar to RAL 9016) or jet black (similar to RAL 9005) specific colors on request
Mounting	wall mounting (preferably combined with flush-mounting box)
Type of connection	push-in connector
Type of protection	IP 20 (DIN EN 60529)
Class of protection	III when installed according to regulations
Type of connection external inputs	wire diameter max. 6 x 0,5 mm <sup>2</sup> strip length 7 mm

### Functions and data provided to KNX bus:

Temperature	Value output Control heating (2-point- and PI control) Control cooling (2-point- and PI control) Alarms
and much more...	

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