

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 adjustment of set-point temperature $\pm 3^\circ\text{C}$

Accessories



TF06 Temperature sensor



Back part for surface wiring 200.004

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Technical data

EAN TS 30.10 knx	4022709236531
EAN TS 31.10 knx	4022709236555
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) 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. $6 \times 0,5 \text{ mm}^2$ 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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