

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

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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 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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