

Datasheet RTBSU-401.010#00

Articlenumber: UA090002

Flush-mounted room thermostat, 230VAC, changeover contact

Electromechanical flush-mounted room thermostat for controlling or monitoring temperatures in offices, living rooms and hotels. In conjunction with the corresponding cover set, suitable for all standard switch ranges. Matching cover set no. JZ-001.xxx. Suitable for all types of heating. A very precise switching differential is achieved through thermal feedback. The setting range can be changed using the range restriction located under the setting knob. VDE tested. Simple electrical connection without screws. New terminals for quick and easy installation. Simplified wiring thanks to color coding of the terminals. Time-saving thanks to modular principle: practical assembly sequence of controller, frame and cover. Small installation volume for convenient and quick installation in the flush-mounted box. Temperature control already possible without cover. Closed design. Optimum screw mounting. The color of the lower part is anthracite and the color of the upper part corresponds to the selected cover set.



Additional heating display	No
Additional heating switch	No
Ambient temperature	0 ... 30 °C
Assembly	Basic device
Bearing temperature	-20 ... 70 °C
Colour	Anthracite
Connection cross-section	1 – 2,5 mm ² (rigid) / 0,75 – 1,5 mm ² (flex)
Control behaviour	2-point
Control range	5 ... 30 °C
Cooling control function	Yes
Design	Berlin UP
Dimensions (W x H x D)	71 mm x 71 mm x 41,8 mm
ECO display	No
ECO function (reduction)	No

Electric connection	Spring push-lock terminals
Energy efficiency class	I
External setting	Yes
Heating control function	Yes
Heating display	No
Housing material	Plastic PA6
Internal setting	No
Max. air humidity (non-condensing)	95 % r.H.
Max. power consumption	< 0,5 W
Max. switching current	Heating: 10 (4) A, 5 (2) A
Max. switching voltage	230 VAC, 50 Hz
Mechanical range reduction	Yes
Medium	Air
Min. switching voltage	230 VAC, 50 Hz
Montage/Befestigung	Flush mounting (deep socket recommended)
Number of control ranges	1
Number of outputs	2
Number of outputs, cooling	1
Number of outputs, heating	1
Operating voltage	230 VAC, 50 Hz
Operation	Rotary knob
Output signal	Switching
Potential free switching contact	No
Protection class	II, following appropriate mounting
Protective cap	Yes
Reduction / heating / external reduction switch	No
Reduction switch	No
Safety and EMC	In accordance with DIN EN 60730
Scale	Index number scale
Schalter Ein/Aus	No
Schalter Heizen/Aus/Kühlen	No
Schalter Heizen/Kühlen	No

Sensor element	Bimetal
Surface finish	Matt or gloss (see cover set)
Switching contact	Two-way contact
Switching differential	Heating/cooling: 0,5 K (delta T max. 4 K/h)
Switching element	Bimetal contact
Switching power	2300 W (230 VAC) / 1150 W (230 VAC)
Test mark approval	CE, VDE
Thermal feedback	No

