

Datasheet RTBSB-001.086

Articlenumber: MA010800

Room thermostat, surface-mounted, 5...30°C, 230VAC, NC contact

Electromechanical room thermostat in a surface-mounted housing for controlling or monitoring temperatures in offices, living rooms and hotels. Particularly suitable for controlling high-power electric heaters. A very precise switching differential is achieved thanks to the thermal feedback (do not connect terminal N for heating outputs greater than 1500 W). The setting range can be changed using the range restriction located under the setting knob.



Ambient temperature	0 ... 30 °C
Assembly	Complete device
Bearing temperature	-20 ... 70 °C
Colour	Pure white
Connection cross-section	0,12 – 2,5 mm²
Control behaviour	2-point
Control range	5 ... 30 °C
Cooling control function	No
Design	Berlin 2000
Dimensions (W x H x D)	78,3 mm x 83,4 mm x 25,5 mm
ECO function (reduction)	No
Electric connection	Screw terminals
Energy efficiency class	I
External setting	Yes
Heating control function	Yes
Heating display	No
Housing material	Plastic ABS

Internal setting	No
Max. air humidity (non-condensing)	95 % r.H.
Max. power consumption	< 0,5 W
Max. switching current	13 (4) A
Max. switching voltage	230 VAC, 50 Hz
Mechanical range reduction	Yes
Medium	Air
Min. switching voltage	230 VAC, 50 Hz
Montage/Befestigung	Surface mounting
Number of control ranges	1
Number of outputs	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
RAL colour number (similar)	9010
Safety and EMC	In accordance with DIN EN 60730
Scale	Index number scale 1...6
Schalter Ein/Aus	No
Schalter Heizen/Kühlen	No
Sensor element	Bimetal
Surface finish	Matt
Switching contact	NC contact
Switching differential	1 K (delta T max. 4 K/h)
Switching element	Bimetal contact
Switching power	3000 W
Test mark approval	CE
Thermal feedback	Yes

