Data Sheet RTBSB-001.010

Article number: MA010200

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

Electromechanical room thermostat in surface-mounted housing for controlling or monitoring temperatures in offices, living rooms and hotels. 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.

Connection cross-section	0,12 – 2,5 mm²
Number of outputs	2
Number of outputs, heating	1
Number of outputs, cooling	1
Number of control ranges	1
Heating display	No
Output signal	switching
External setting	Yes
Operation	rotary knob
Operating voltage	230 VAC, 50 Hz

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Design	Berlin 2000
ECO function (reduction)	No
Electric connection	screw terminals
Energy efficiency class	I
Colour	pure white
RAL colour number (similar)	9010
Sensor element	bimetal
Internal setting	No
Bearing temperature	–20 … 70 °C
Max. air humidity (non-condensing)	95 % r.H.
Housing material	plastic ABS
Max. power consumption	< 0,5 W
Max. switching voltage	230 VAC, 50 Hz
Max. switching current	heating: 10 (4) A, 5 (2) A
Mechanical range reduction	Yes
Medium	Air
Min. switching voltage	230 VAC, 50 Hz
Mounting/attachment	surface mounting
Test mark approval	CE
Control range	5 … 30 °C
Heating control function	Yes
Cooling control function	Yes

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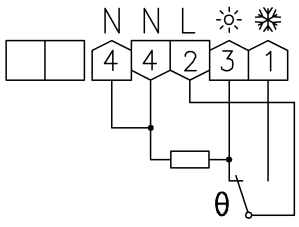
Control behaviour	2-point
Switching differential	Heating/cooling: 0,5 K (delta T max. 4 K/h)
On/Off switch	No
Heating/cooling switch	No
Switching contact	two-way contact
Potential free switching contact	No
Switching power	2300 W (230 VAC) / 1150 W (230 VAC)
Protection class	IP30
Protection class	II, following appropriate mounting
Safety and EMC	in accordance with DIN EN 60730
Scale	Degree Celsius
Thermal feedback	Yes
Ambient temperature	0 … 30 °C
Assembly	complete device
Dimensions (W x H x D)	78,3 mm x 83,4 mm x 25,5 mm



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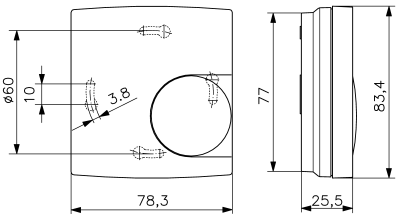

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