

Data Sheet RTBSB-001.065

Article number: MA010600

Room thermostat, surface-mounted, 5...30 °C, 230 VAC, changeover contact, heating/cooling switch

Electromechanical room thermostat in a surface-mounted housing for controlling or monitoring temperatures in offices, living rooms and hotels. Especially for 2-pipe air conditioning systems. The heating/cooling changeover takes place with the heating/cooling switch. 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 mm ²
Number of outputs	1
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 and switches
Operating voltage	230 VAC, 50 Hz

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	5 (2) A
Mechanical range reduction	Yes
Medium	Air
Min. switching voltage	230 VAC, 50 Hz
Mounting/attachment	surface mounting
Surface finish	matt
Test mark approval	CE
Control range	5 ... 30 °C
Heating control function	Yes

Cooling control function	Yes
Control behaviour	2-point
Switching differential	Heating/cooling: 0,5 K (delta T max. 4 K/h)
Switching element	bimetal contact
On/Off switch	No
Heating/cooling switch	Yes
Switching contact	two-way contact
Potential free switching contact	No
Switching power	1150 W
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



