Datasheet RTBSB-201.002

Articlenumber: MA300100

Room thermostat, surface-mounted super flat, 5...30...°C, 230V AC, 2(1)A, NC contact, ECO function

Suitable for hot water heating systems. Connecting the ECO input with 230V AC leads to an approx. 3 K lower adjusted temperature (night-time reduction).

Actual temperature display	No
Ambient temperature, lower value	0 °C
Ambient temperature, upper value	30 °C
Assembly	Complete device
Bearing temperature, lower value	-20 °C
Bearing temperature, upper value	70 °C
Colour	Pure white
Connection cross-section	0,12 mm² bis 2,5 mm²
Control behaviour	2-point
Control range, lower value	5 °C
Control range, upper value	30 °C
Cooling control function	No
Depth	13,9 mm
Design	Berlin 1000
Display	No
ECO function (reduction)	Yes
ECO input (reduction)	230 V AC, 50 Hz
ECO temperature reduction	Approx. 3 K

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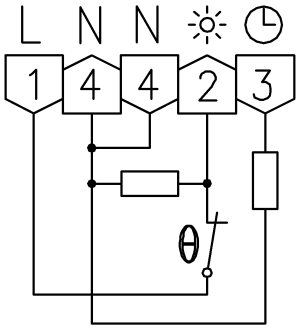
Electric connection	Screw terminals
Electronic control	No
Energy efficiency class	I
External setting	Yes
Heating / cooling switch	No
Heating control function	Yes
Heating display	No
Height	78,5 mm
Housing material	Plastic ABS
Internal setting	No
Maximum air humidity (non-condensing)	95 % r.H
Maximum power consumption	< 0.25 W
Maximum switching current	2 (1) A
Maximum switching voltage	230 V AC, 50 Hz
Mechanical range reduction	Yes
Medium	Air, not aggressive
Minimum switching voltage	230 V AC / 50 Hz
Mounting / attachment	Surface mounting
Number of control ranges	1
Number of outputs	1
Number of outputs, heating	1
On / Off switch	No
Operating voltage	230 V AC / 50 Hz
Operation	Rotary knob
Output signal	Switching (230 V AC, 50 Hz)
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	Degree Celsius
Sensor element	Bimetal
Sensor external	No

Surface properties	Gloss
Switching contact	NC contact
Switching difference	Approx. 0.5 K (delta T max. 4 K/h)
Switching difference, can be adjusted	No
Switching element	Bimetal contact
Switching power	460 W
Temperature controller version	Room thermostat
Test mark approval	CE
Thermal feedback	Yes
Type of protection	IP30
Width	78 mm
With explosion protection	No



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