Data Sheet KTBSB-112.070

Article number: MA200202

Room thermostat, heating/cooling, surface-mounted, 230 VAC, 3-stage fan output

Climate controller "Heating or cooling" for fan coil units, air distribution systems or partial air conditioning systems with heating/cooling changeover and neutral zone in a 4-pipe system for hotel, residential and commercial premises. The device has a changeover contact with neutral zone and 2x "On/Off" auxiliary outputs. The setting range can be limited mechanically under the knob with the setting flags. Surface/wall mounting or by means of adapter plate on flush-mounted box.

Number of outputs	5
Number of outputs, heating	1
Number of outputs, cooling	1
Number of control ranges	1
Display On/Off	Yes
Heating/cooling display	No
Output signal	switching
External setting	Yes
Operation	rotary knob and switches
Operating voltage	230 VAC, 50 Hz

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Design	Berlin 3000
ECO function (reduction)	No
Electric connection	screw terminals
Energy efficiency class	I
Colour	pure white
RAL colour number (similar)	9010
Sensor element	bimetal
Bearing temperature	–20 … 70 °C
Max. air humidity (non-condensing)	95 % r.H.
Housing material	plastic ABS
Max. switching voltage	230 VAC, 50 Hz
Max. switching current	6 (3) A
Mechanical range reduction	Yes
Min. switching voltage	230 VAC, 50 Hz
Mounting/attachment	surface mounting
Neutral zone	2 K
Control range	5 … 30 °C
Heating control function	Yes
Cooling control function	Yes
Control behaviour	2-point
Switching differential	Heating: 1 K / cooling: 2 K
On/Off switch	Yes

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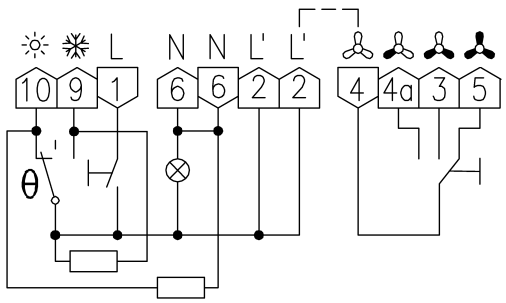
Heating/cooling switch	No
Heating/venting/cooling switch	No
Fan switch 3-stage	Yes
Additional heating switch	No
Switch/lamp night-time reduction	No
Switching contact	two-way contact
Potential free switching contact	No
Switching power	1380 W
Protection class	IP30
Protection class	II, following appropriate mounting
Safety and EMC	in accordance with DIN EN 60730
Scale	Degree Celsius
Thermal feedback	Yes
Ambient temperature	0 … 30 °C
Degree of contamination	2
Assembly	complete device
Dimensions (W x H x D)	110 mm x 110,7 mm x 26 mm



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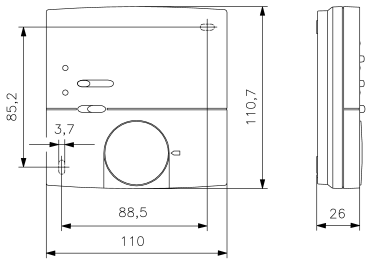

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