Data Sheet KTBSB-113.500

Article number: MA200000

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

"Heating/cooling" air conditioning controller with fan output and heating/cooling changeover switch for controlling fan coil units or partial air conditioning systems in a 4-pipe system for hotel, residential and commercial premises. The KT-BSB-113.500 has 3 switches with which the controller is put into operation, the "heating", "cooling" or "ventilation" function and the fan stage are selected. The operation of the controller and the active cooling or heating are indicated by lamps. 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	3
Number of outputs, heating	1
Number of outputs, cooling	1
Number of control ranges	1
Display On/Off	Yes
Heating/cooling display	Yes
Output signal	switching
External setting	Yes
Operation	rotary knob and switches

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Operating voltage	230 VAC, 50 Hz
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
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)
On/Off switch	Yes

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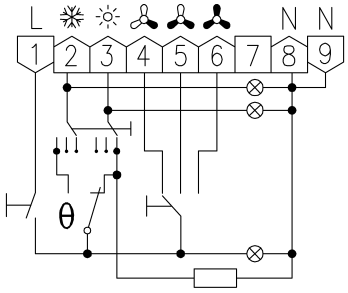
Heating/cooling switch	No
Heating/venting/cooling switch	Yes
Fan switch 3-stage	Yes
Additional heating switch	No
Switch/lamp night-time reduction	No
Switching contact	two-way contact
Potential free switching contact	No
Switching power	1380 W
Protection class	IP30
Protection class	II, following appropriate 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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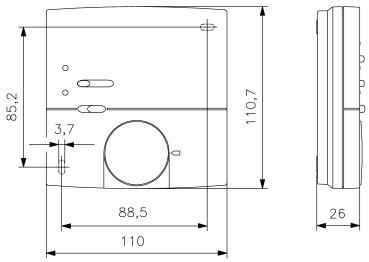

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