# Data Sheet KTBSB-112.000

Article number: MA200100

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

"Heating or cooling" air conditioning controller for fan coil units, air distribution systems or partial air conditioning systems with heating/cooling changeover in a 4-pipe system for hotel, residential and commercial premises. The setting range can be limited mechanically under the knob with the setting lugs. 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 | No |
| 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 |
| 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 |
| Heating/cooling switch | No |

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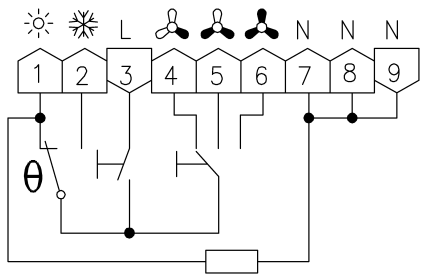
| | |
|---|---|
| Heating/venting/cooling switch | No |
| Fan switch 3-stage | Yes |
| Additional heating switch | No |
| Switch/lamp night-time reduction | No |
| Switching contact | two-way contact |
| Potential free switching contact | No |
| Switching power | 1380 W |
| Protection class | IP30 |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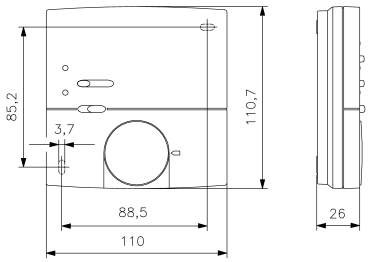


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