

## Datasheet RTBSB-001.401

Articlenumber: MA013100

Room thermostat, ready to plug in, 5...30 °C, 230 VAC, 13 (4) A, 1.5 m cable

Electromechanical room thermostat for radiators, fireplaces, direct electric heating systems, marble heating systems, natural stone heating systems, etc.. The temperature setting range can be mechanically limited by means of the setting lugs located under the knob. The length of the connection cable is 1.5 m. With earthing contact adapter plug. Optionally surface/wall-mounted (4-hole mounting on flush-mounted box) or with adapter plate (2-hole mounting) for wall mounting.



|                           |                                      |
|---------------------------|--------------------------------------|
| Additional heating switch | No                                   |
| Ambient temperature       | 0 ... 30 °C                          |
| Assembly                  | Complete device                      |
| Average power consumption | 0.1 W                                |
| Bearing temperature       | -20 ... 70 °C                        |
| Colour                    | Pure white                           |
| Control behaviour         | 2-point                              |
| Control range             | 5 ... 30 °C                          |
| Cooling control function  | No                                   |
| Design                    | Berlin 2000                          |
| Dimensions (W x H x D)    | 78,3 mm x 83,4 mm x 25,5 mm          |
| ECO function (reduction)  | No                                   |
| Electric connection       | Plug adapter with protective contact |
| Energy efficiency class   | I                                    |
| External setting          | Yes                                  |
| Heating control function  | Yes                                  |
| Housing material          | Plastic ABS                          |

|                                    |                                    |
|------------------------------------|------------------------------------|
| Max. air humidity (non-condensing) | 95 % r.H.                          |
| Max. switching current             | 13 (4) A                           |
| Max. switching voltage             | 230 VAC, 50 Hz                     |
| Mechanical range reduction         | Yes                                |
| Medium                             | Air                                |
| Min. switching voltage             | 230 VAC, 50 Hz                     |
| Montage/Befestigung                | Surface mounting                   |
| Number of control ranges           | 1                                  |
| Number of outputs                  | 1                                  |
| Number of outputs, heating         | 1                                  |
| Operating voltage                  | 230 VAC, 50 Hz                     |
| Operation                          | Rotary knob                        |
| Output signal                      | Switching                          |
| 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                              | Index number scale 1...6           |
| Schalter Ein/Aus                   | No                                 |
| Schalter Heizen/Kühlen             | No                                 |
| Sensor element                     | Bimetal                            |
| Surface finish                     | Matt                               |
| Switch/lamp night-time reduction   | No                                 |
| Switching contact                  | NC contact                         |
| Switching differential             | 1 K (delta T max. 4 K/h)           |
| Switching element                  | Bimetal contact                    |
| Switching power                    | 3000 W                             |
| Thermal feedback                   | Yes                                |