

Datasheet HTRRBD-210.100

Articlenumber: MA700800

Room thermostat with temperature display, surface-mounted, super-flat, 5...30°C, 230VAC, 3(0.5) A, NO contact

This room thermostat has been specially developed for controlling or monitoring temperatures in offices, living rooms and hotels and is suitable for the direct connection of up to 10 valve actuators (normally closed) for hot water heating systems. The display is deactivated in normal operation. The current room temperature is displayed by touching a touch surface. If a button is touched during this display, the desired setpoint temperature can be adjusted in 1 °C increments.



Actual temperature display	Yes
Additional heating display	No
Additional heating switch	No
Ambient temperature	0 ... 40 °C
Assembly	Complete device
Average power consumption	0.5 W
Bearing temperature	-20 ... 70 °C
Colour	Pure white
Connection cross-section	0,33 – 1,5 mm²
Control behaviour	2-point
Control range	5 ... 30 °C
Cooling control function	No
Design	Berlin 1000
Dimensions (W x H x D)	78 mm x 78,5 mm x 13,9 mm
Display	Yes
Display type	Two-digit 7 segment display (white)

ECO display	No
ECO function (reduction)	No
Electric connection	Screw terminals
Electronic control	Yes
Energy efficiency class	IV
External setting	Yes
Heating control function	Yes
Heating display	No
Housing material	Plastic ABS
Internal setting	No
Max. air humidity (non-condensing)	95 % r.H.
Max. power consumption	< 1 W
Max. switching current	3 (0,5) A
Max. switching voltage	230 VAC, 50 Hz
Mechanical range reduction	No
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	Touch-sensitive buttons
Output signal	Switching
Potential free switching contact	No
Power consumption in standby state	0.5 W
Protection class	II, following appropriate mounting
RAL colour number (similar)	9010
Reduction / heating / external reduction switch	No
Reduction switch	No
Safety and EMC	In accordance with DIN EN 60730
Scale	Degree Celsius

Schalter Ein/Aus	No
Schalter Heizen/Aus/Kühlen	No
Schalter Heizen/Kühlen	No
Sensor element	NTC internal
Sensor external	No
Surface finish	Gloss
Switching contact	Normally open contact
Switching difference, can be adjusted	No
Switching differential	0,5 K (delta T max. 4 K/h)
Switching element	Relay
Switching power	690 W
Temperature controller version	Room thermostat
Test mark approval	CE
Type of wiring	Three-/four-wire
With receiver	No

