

Datasheet HTRRB-011.410

Articlenumber: DA400100

Surface temperature controller with remote sensor, surface-mounted, 20-80°C

For temperature control (e.g. electric heating) for floor, edge zone, bathroom, ceiling, tiled stove, marble and wall heating or temperature control systems. Electronic tiled stove surface temperature controller for electric heaters up to 3000 W. The setting range can be changed using the range restriction located under the setting knob. Remote sensor HF-5 / 4-K3 (4 m) included in the scope of delivery. The heating is switched off in the event of a sensor break or short circuit.



Actual temperature display	No
Additional heating switch	No
Ambient temperature	0 ... 30 °C
Assembly	Complete device
Bearing temperature	-20 ... 70 °C
Colour	Pure white
Control behaviour	2-point
Control range	20 ... 80 °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
Display	No
ECO function (reduction)	No
Electric connection	Screw terminals
Electronic control	Yes
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 (2) 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 and switches
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	Degree Celsius
Schalter Ein/Aus	Yes
Schalter Heizen/Kühlen	No
Sensor element	NTC external
Sensor external	Yes
Surface finish	Matt
Switch/lamp night-time reduction	No
Switching contact	Normally open contact
Switching difference, can be adjusted	No
Switching differential	1 K (delta T max. 4 K/h)
Switching element	Relay
Switching power	3000 W

Temperature controller version	Surface temperature controller
Type of wiring	Three-/four-wire
With receiver	No

