

Data Sheet HTRRB-011.410

Article number: 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.



Number of outputs	1
Number of outputs, heating	1
Number of outputs, cooling	0
Number of control ranges	1
Actual temperature display	No
Temperature controller version	surface temperature controller
Output signal	switching
External setting	Yes
Operation	rotary knob and switches
Operating voltage	230 VAC, 50 Hz

Design	Berlin 2000
Display	No
ECO function (reduction)	No
Electric connection	screw terminals
Electronic control	Yes
Energy efficiency class	I
Colour	pure white
RAL colour number (similar)	9010
Sensor element	NTC external
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	13 (2) A
Mechanical range reduction	Yes
Medium	Air
Min. switching voltage	230 VAC, 50 Hz
With receiver	No
Mounting/attachment	surface mounting
Surface finish	matt
Control range	20 ... 80 °C
Heating control function	Yes

Cooling control function	No
Control behaviour	2-point
Switching differential	1 K (delta T max. 4 K/h)
Switching difference, can be adjusted	No
Switching element	relay
On/Off switch	Yes
Heating/cooling switch	No
Additional heating switch	No
Switch/lamp night-time reduction	No
Switching contact	normally open contact
Potential free switching contact	No
Switching power	3000 W
Protection class	IP30
Protection class	II, following appropriate mounting
Sensor external	Yes
Safety and EMC	in accordance with DIN EN 60730
Scale	Degree Celsius
Ambient temperature	0 ... 30 °C
Type of wiring	three-/four-wire
Assembly	complete device
Dimensions (W x H x D)	78,3 mm x 83,4 mm x 25,5 mm

