

Datasheet HTRRBU110.021

Articlenumber: MA600400

Floor temperature controller with clock, surface-mounted, remote sensor NTC2K, backlighting

Electronic floor temperature controller for time-dependent control of temperatures in closed rooms. Suitable for floor, edge zone, bathroom, ceiling, tiled stove, marble and wall heating or temperature control systems up to 3000 W. Can be used as a master (pilot controller) to reduce the temperature of other controllers. Controllers of the FETR, FTR and RTBSB series are suitable for this purpose as slaves (satellite controllers). Simple operation with direct selection buttons. In the event of a sensor break or sensor short circuit, the heating is activated with a duty cycle of 30 % to prevent cooling or frost damage in the room. Temperatures below -20 °C are also evaluated as sensor breakage and the emergency run function is triggered. It can also be mounted on a flush-mounted box using an adapter plate.



Actual temperature display	Yes
Adaptive heating time start	Yes
Ambient temperature	0 ... 30 °C
Bearing temperature	-20 ... 70 °C
Clock type	Day/week
Clock version	Digital
Colour	Pure white
Control behaviour	2-point
Control range	10 ... 42 °C
Design	Berlin 3000
Dimensions (W x H x D)	110 mm x 110,7 mm x 26 mm
Display	Yes
Display type	LCD, illuminated
ECO output (reduction)	230 VAC, 50 Hz
Electric connection	Screw terminals

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, 100 mA
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	2
Number of outputs, heating	1
Number of switching programs	7
Operating voltage	230 VAC, 50 Hz
Operation	Rotary knob and buttons
Output signal	Switching
Party function	Yes
Potential free switching contact	No
Power reserve	7 Days
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...4
Schalter Heizen/Kühlen	No
Sensor element	NTC external
Sensor external	Yes
Shortest switching time	15 min
Surface finish	Matt
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 (230 VAC) / 23 W (230 VAC)
Temperature controller version	Underfloor temperature controller
Type of wiring	Other
Valve protection function	Yes
Weather-dependent control	No
With receiver	No

