

Datasheet HTRRBU110.117/21

Articlenumber: MA600003

Room thermostat with clock, surface-mounted

Electronic room thermostat with clock for time-dependent control of temperatures in closed rooms. Suitable for all types of heating. It 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).



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	5 ... 30 °C
Cooling control function	No
Design	Berlin 3000
Dimensions (W x H x D)	110 mm x 110,7 mm x 26 mm
Display	Yes
Display type	LCD
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	8 (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	Degree Celsius
Schalter Heizen/Kühlen	No
Sensor element	NTC internal
Sensor external	No
Shortest switching time	15 min
Surface finish	Matt
Switching contact	Normally open contact
Switching difference, can be adjusted	No
Switching differential	0,5 ... 1 K

Switching element	Relay
Switching power	1840 W (230 VAC) / 23 W (230 VAC)
Temperature controller version	Room thermostat
Type of wiring	Other
Valve protection function	Yes
Weather-dependent control	No
With receiver	No

