

Data Sheet HTRRBu110.117/21

Article number: 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).



Adaptive heating time start	Yes
Number of outputs	2
Number of outputs, heating	1
Number of outputs, cooling	0
Number of switching programs	7
Number of control ranges	1
Actual temperature display	Yes
Display type	LCD
Temperature controller version	room thermostat
Clock version	digital

Output signal	switching
External setting	Yes
Operation	rotary knob and buttons
Operating voltage	230 VAC, 50 Hz
Design	Berlin 3000
Display	Yes
ECO output (reduction)	230 VAC, 50 Hz
Electric connection	screw terminals
Energy efficiency class	I
Colour	pure white
RAL colour number (similar)	9010
Sensor element	NTC internal
Power reserve	7 Days
Shortest switching time	15 min
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	8 (2) A, 100 mA
Mechanical range reduction	Yes
Medium	Air
Min. switching voltage	230 VAC, 50 Hz

With receiver	No
Mounting/attachment	surface mounting
Surface finish	matt
Party function	Yes
Control range	5 ... 30 °C
Heating control function	Yes
Cooling control function	No
Control behaviour	2-point
Switching differential	0,5 ... 1 K
Switching difference, can be adjusted	No
Switching element	relay
Heating/cooling switch	No
Switching contact	normally open contact
Potential free switching contact	No
Switching power	1840 W (230 VAC) / 23 W (230 VAC)
Protection class	IP30
Protection class	II, following appropriate mounting
Sensor external	No
Safety and EMC	in accordance with DIN EN 60730
Scale	Degree Celsius
Clock type	day/week
Ambient temperature	0 ... 30 °C

Valve protection function	Yes
Type of wiring	other
Weather-dependent control	No
Dimensions (W x H x D)	110 mm x 110,7 mm x 26 mm

