

## Data Sheet HTRRUt210.A00#31

Article number: UA120001

Room thermostat with illuminated ring scale, flush-mounted, frame, cover 55 x 55 mm, pure white, glossy

This room thermostat has been specially developed for controlling or monitoring temperatures in offices, living rooms and hotels and is suitable for the direct connection of up to 10 valve actuators (normally closed) for hot water heating systems. The device is equipped with LEDs arranged in a circle to display the current setpoint temperature and allows the user to set the desired temperature using simple up/down push-button sensors.



Connection cross-section	0,33 – 1,5 mm <sup>2</sup>
Number of outputs	1
Number of outputs, heating	1
Number of outputs, cooling	0
Number of control ranges	1
Temperature controller version	room thermostat
Output signal	switching
External setting	Yes
Operation	touch-sensitive buttons
Operating voltage	230 VAC, 50 Hz

Design	Berlin UP
Electric connection	screwed plug-in terminals
Electronic control	Yes
Energy efficiency class	IV
Colour	pure white
RAL colour number (similar)	9010
Sensor element	NTC internal
Internal setting	No
Bearing temperature	-20 ... 70 °C
Max. air humidity (non-condensing)	95 % r.H.
Housing material	plastic PC
Max. switching voltage	230 VAC, 50 Hz
Max. switching current	1 A
Medium	Air
Min. switching voltage	230 VAC, 50 Hz
Mounting/attachment	flush mounting (deep socket recommended)
Surface finish	gloss
Test mark approval	CE
Control range	17 ... 26 °C
Heating control function	Yes
Cooling control function	No
Control behaviour	PI PWM

Switching differential	0,5 K
Switching element	relay
Switching contact	normally open contact
Potential free switching contact	No
Switching power	250 W
Protection class	IP30
Protection class	II, following appropriate mounting
Sensor external	No
Safety and EMC	in accordance with DIN EN 60730 / 300220
Scale	Light ring scale
Ambient temperature	0 ... 40 °C
Assembly	complete device
Dimensions (W x H x D)	81 mm x 85 mm x 41,3 mm



