

Data Sheet RTERU-010.715#21

Article number: UN110109

Floor temperature controller with remote sensor, flush-mounted, 10...50 °C

This electronic two-point controller has been specially developed for controlling electric or hot water heating systems/additional heating systems for floors and other surface temperature control systems. Remote sensor HF-8/4-K2 (4 m) included in the scope of delivery. The heating is switched off in the event of a sensor break or short circuit. The temperature reduction input can be used to set the temperature to approx. 5 K lower (night reduction). Complete device with cover and alre frame.



Number of outputs	1
Number of outputs, heating	1
Number of outputs, cooling	0
Number of control ranges	1
Temperature controller version	underfloor temperature controller
Output signal	switching
External setting	Yes
Operation	rotary knob and switches
Operating voltage	230 VAC, 50 Hz
Design	Berlin UP

ECO input (reduction)	230 VAC, 50 Hz
ECO function (reduction)	Yes
ECO temperature reduction	approx. 5 K
Electric connection	screwed plug-in terminals
Electronic control	Yes
Energy efficiency class	I
Colour	pure white
RAL colour number (similar)	9010
Sensor element	NTC external
Internal setting	No
Bearing temperature	-20 ... 70 °C
Max. air humidity (non-condensing)	95 % r.H.
Housing material	plastic PA6
Max. switching voltage	230 VAC, 50 Hz
Max. switching current	10 (1) A
Mechanical range reduction	Yes
Medium	Air
Min. switching voltage	230 VAC, 50 Hz
Mounting/attachment	flush mounting (deep socket recommended)
Surface finish	gloss
Control range	10 ... 50 °C
Heating control function	Yes

Cooling control function	No
Control behaviour	2-point
Switching differential	1,5 K
Switching difference, can be adjusted	No
Switching element	relay
On/Off switch	Yes
Switching contact	normally open contact
Potential free switching contact	No
Switching power	2300 W
Protection class	IP30
Protection class	II, following appropriate mounting
Sensor external	Yes
Safety and EMC	in accordance with DIN EN 60730
Scale	Index number scale *...6
Ambient temperature	0 ... 35 °C
Assembly	complete device
Dimensions (W x H x D)	81 mm x 85 mm x 46,3 mm



