

Datasheet RTERU-010.715#00

Articlenumber: UN110100

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). In combination with the corresponding cover set JZ-035.xxx, suitable for all standard switch ranges.



Ambient temperature	0 ... 35 °C
Assembly	Basic device
Bearing temperature	-20 ... 70 °C
Colour	Anthracite
Control behaviour	2-point
Control range	10 ... 50 °C
Cooling control function	No
Design	Berlin UP
Dimensions (W x H x D)	71 mm x 71 mm x 46,3 mm
ECO function (reduction)	Yes
ECO input (reduction)	230 VAC, 50 Hz
ECO temperature reduction	Approx. 5 K
Electric connection	Screwed plug-in terminals
Electronic control	Yes
Energy efficiency class	I
External setting	Yes

Heating control function	Yes
Housing material	Plastic PA6
Internal setting	No
Max. air humidity (non-condensing)	95 % r.H.
Max. switching current	10 (1) A
Max. switching voltage	230 VAC, 50 Hz
Mechanical range reduction	Yes
Medium	Air
Min. switching voltage	230 VAC, 50 Hz
Montage/Befestigung	Flush mounting (deep socket recommended)
Number of control ranges	1
Number of outputs	1
Number of outputs, heating	1
Operating voltage	230 VAC, 50 Hz
Operation	Rotary knob and switches
Output signal	Switching
Potential free switching contact	No
Protection class	II, following appropriate mounting
Safety and EMC	In accordance with DIN EN 60730
Scale	Index number scale *...6
Schalter Ein/Aus	Yes
Sensor element	NTC external
Sensor external	Yes
Surface finish	Matt or gloss (see cover set)
Switching contact	Normally open contact
Switching difference, can be adjusted	No
Switching differential	1,5 K
Switching element	Relay
Switching power	2300 W
Temperature controller version	Underfloor temperature controller

