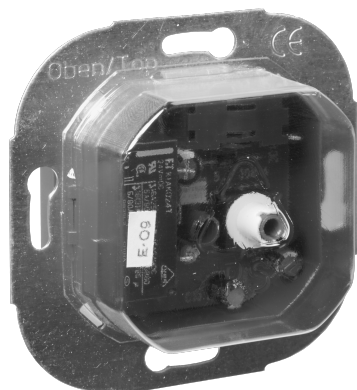


Datasheet FETR 101.716#00

Articlenumber: UA030502

Underfloor temperature controller with remote sensor, flush-mounted, 10-42...°C

This electronic two-point controller has been specially developed for controlling electrical (max. 3680W) or hot water-based heating/additional heating for underfloor and other surface temperature control systems. Remote sensor HF-8/4-K2 (4m) included in delivery. In the event of a sensor failure and short circuit, the heating is switched off. An approx. 5 K lower temperature can be achieved using the temperature reduction input (night-time reduction). In combination with the corresponding cover set Jz-009.xxx, works with all common switch ranges.



Actual temperature display	No
Additional heating switch	No
Ambient temperature, lower value	0 °C
Ambient temperature, upper value	40 °C
Assembly	Basic device
Bearing temperature, lower value	-20 °C
Bearing temperature, upper value	70 °C
Colour	Top part as cover set, UT anthracite
Control behaviour	2-point
Control range, lower value	10 °C
Control range, upper value	42 °C
Cooling control function	No
Depth	42,5 mm
Design	Berlin UP
Display	No
ECO function (reduction)	Yes

ECO input (reduction)	230 V AC, 50 Hz
ECO temperature reduction	Approx. 5 K
Electric connection	Screw terminals
Electronic control	Yes
Energy efficiency class	I
External setting	Yes
Heating / cooling switch	No
Heating control function	Yes
Height	71 mm
Housing material	Plastic PC
Internal setting	No
Maximum air humidity (non-condensing)	95 % r.H
Maximum switching current	16 (2) A
Maximum switching voltage	230 V AC, 50 Hz
Mechanical range reduction	Yes
Medium	Air, not aggressive
Minimum switching voltage	230 V AC / 50 Hz
Mounting / attachment	Flush mounting (deep socket recommended)
Number of control ranges	1
Number of outputs	1
Number of outputs, heating	1
On / Off switch	Yes
Operating voltage	230 V AC / 50 Hz
Operation	Rotary knob and switches
Output signal	Switching (230 V AC, 50 Hz)
Potential free switching contact	No
Protection class	II, following appropriate mounting
Safety and EMC	In accordance with DIN EN 60730
Scale	Index number scale 1...4
Sensor element	NTC external
Sensor external	Yes
Surface properties	Matt or gloss (see cover set)

Switch/lamp night-time reduction	No
Switching contact	Normally open contact
Switching difference	< 1 K
Switching difference, can be adjusted	No
Switching element	Relay
Switching power	3680 W
Temperature controller version	Underfloor temperature controller
Thermal feedback	No
Type of protection	IP30
Width	71 mm
With explosion protection	No

