

Data Sheet FETR 101.700#07

Article number: UN030000

Floor temperature controller with remote sensor, flush-mounted, 10...60 °C, cover 50 x 50 mm, pure white, glossy, indoor setting

This electronic two-point controller was specially developed for controlling electric (max. 3680 W) or hot water heaters/ additional heaters for floors and other surface temperature control systems. The FETR 101.700 has an internal setpoint adjustment. This makes it particularly suitable for installation in public authorities, banks, schools, kindergartens, museums and similar buildings where setpoint adjustment by unauthorized persons is to be prevented. 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 setback input can be used to set the temperature to approx. 5 K lower (night setback).



Number of outputs	1
Number of outputs, heating	1
Number of outputs, cooling	0
Number of control ranges	1
Actual temperature display	No
Temperature controller version	underfloor temperature controller
Output signal	switching
External setting	No
Operation	internal setpoint adjuster

Operating voltage	230 VAC, 50 Hz
Design	Berlin UP
Display	No
ECO input (reduction)	230 VAC, 50 Hz
ECO function (reduction)	Yes
ECO temperature reduction	approx. 5 K
Electric connection	screw terminals
Electronic control	Yes
Energy efficiency class	I
Colour	pure white
RAL colour number (similar)	9010
Sensor element	NTC external
Internal setting	Yes
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	16 (2) A
Mechanical range reduction	No
Medium	Air
Min. switching voltage	230 VAC, 50 Hz
With receiver	No

Mounting/attachment	flush mounting (deep socket recommended)
Surface finish	gloss
Control range	10 ... 60 °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
On/Off switch	No
Heating/cooling switch	No
Additional heating switch	No
Switch/lamp night-time reduction	No
Switching contact	normally open contact
Potential free switching contact	No
Switching power	3680 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 1...6
Ambient temperature	0 ... 40 °C

Type of wiring

other

Assembly

basic device with cover

Dimensions (W x H x D)

71 mm x 71 mm x 42,5 mm

