

Datasheet ITR 79.804

Articlenumber: D4780545

Temperature controller for standard rail mounting, 0...60°C

Electronic temperature controller for controlling and monitoring the temperature in halls, greenhouses and underfloor heating systems. The device has a sensor break and sensor short-circuit protection as well as a "heating" display. Sensor HF-8/4-K2 (4 m) is included in the scope of delivery. The hysteresis is adjustable between approx. 0.5...5 K.



Actual temperature display	No
Ambient temperature	?10 ... 40 °C
Assembly	Controller with sensor
Bearing temperature	–20 ... 60 °C
Colour	Grey
Connection cross-section	0,5 – 2,5 mm ²
Control range	0 ... 60 °C
Cooling control function	Yes
Dimensions (W x H x D)	36 mm x 86 mm x 62,5 mm
Display cooling	No
ECO function (reduction)	No
Electric connection	Screw terminals
Electronic control	Yes
External setting	Yes
Heating control function	Yes
Heating display	Yes
Housing material	Plastic PC

Max. air humidity (non-condensing)	95 % r.H.
Max. switching current	10 (2) A, 5 (1,5) A
Max. switching voltage	230 VAC, 50 Hz
Medium	Air
Min. switching voltage	5 VAC, 50 Hz
Montage/Befestigung	On supporting rails (35 mm), EN 60715
Number of control ranges	1
Number of outputs	2
Operating voltage	230 VAC, 50 Hz
Operation	Rotary knob
Output signal	Switching
Potential free switching contact	Yes
Protection class	II, following appropriate mounting
RAL colour number (similar)	7035
Safety and EMC	In accordance with DIN EN 60730
Scale	Degree Celsius
Sensor element	NTC external
Sensor external	Yes
Sensor type	(Sensor 8)
Surface finish	Matt
Switching contact	Two-way contact
Switching difference, can be adjusted	Yes
Switching differential	0,5 ... 5 K
Switching element	Relay
Switching power	2300 W (230 VAC) / 1150 W (230 VAC)

