

Data Sheet ITR 79.504

Article number: D4780371

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

Electronic temperature controller for controlling and monitoring the temperature of cooling systems. The device has a sensor break and sensor short-circuit protection as well as a "cooling" display. Sensors are not included in the scope of delivery. All sensors with the number 4 can be used, e.g. KF-4. The hysteresis is adjustable between approx. 0.5...5 K.



Connection cross-section	0,5 – 2,5 mm ²
Number of outputs	2
Number of control ranges	1
Heating display	No
Actual temperature display	No
Display cooling	Yes
Output signal	switching
External setting	Yes
Operation	rotary knob
Operating voltage	230 VAC, 50 Hz

ECO function (reduction)	No
Electric connection	screw terminals
Electronic control	Yes
Colour	grey
RAL colour number (similar)	7035
Sensor element	NTC external
Bearing temperature	-20 ... 60 °C
Max. air humidity (non-condensing)	95 % r.H.
Housing material	plastic PC
Max. switching voltage	230 VAC, 50 Hz
Max. switching current	10 (2) A, 5 (1,5) A
Medium	Air
Min. switching voltage	5 VAC, 50 Hz
Mounting/attachment	on supporting rails (35 mm), EN 60715
Surface finish	matt
Control range	0 ... 60 °C
Heating control function	Yes
Cooling control function	Yes
Switching differential	0,5 ... 5 K
Switching difference, can be adjusted	Yes
Switching element	relay
Switching contact	two-way contact

Potential free switching contact	Yes
Switching power	2300 W (230 VAC) / 1150 W (230 VAC)
Protection class	IP20
Protection class	II, following appropriate mounting
Sensor external	Yes
Sensor type	NTC 10K (Sensor 4)
Safety and EMC	in accordance with DIN EN 60730
Scale	Degree Celsius
Ambient temperature	-10 ... 40 °C
Assembly	Controller without sensor
Dimensions (W x H x D)	36 mm x 86 mm x 62,5 mm

