

## Datasheet ITR 79.508

Articlenumber: D4780369

Temperature controller for standard rail mounting, -10...+40...°C

Electronic temperature controller for controlling and monitoring temperatures in cooling systems. The device has a sensor failure and sensor short circuit fuse and a "cooling" display. The sensor is not included in the delivery. All sensors with the number 3 can be used, e.g. KF-3. The hysteresis can be adjusted between approx. 0.5...5K.



Actual temperature display	No
Ambient temperature, lower value	-10 °C
Ambient temperature, upper value	40 °C
Assembly	Controller without sensor
Bearing temperature, lower value	-20 °C
Bearing temperature, upper value	60 °C
Colour	Grey
Connection cross-section	0,5 mm <sup>2</sup> - 2,5 mm <sup>2</sup>
Control range, lower value	-10 °C
Control range, upper value	40 °C
Cooling control function	Yes
Depth	62,5 mm
Display cooling	Yes
ECO function (reduction)	No
Electric connection	Screw terminals
Electronic control	Yes
External setting	Yes

Heating control function	Yes
Heating display	No
Height	86 mm
Housing material	Plastic PC
Maximum air humidity (non-condensing)	95 % r.H
Maximum switching current	S: 10 (2) A; O: 5 (1,5) A
Maximum switching voltage	230 V AC, 50 Hz
Medium	Air, not aggressive
Minimum switching voltage	5 V AC / 50 Hz
Mounting / attachment	On supporting rails (35 mm), EN 60715
Number of control ranges	1
Number of outputs	2
Operating voltage	230 V AC / 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	NTC 8K (sensor 3)
Surface properties	Matt
Switching contact	Two-way contact
Switching difference	0.5....5 K
Switching difference, can be adjusted	Yes
Switching element	Relay
Switching power	2300 W bzw. 1150 W
Type of protection	IP20
Width	36 mm

