

Datasheet ETR 77.009-5

Articlenumber: D4770026

Universal temperature controller, 0-100 °C, hysteresis 0.5-5 K, internal setting

Electronic universal temperature controller. Various sensor designs allow universal use in heating, ventilation, air conditioning and refrigeration technology as well as in machine and apparatus construction. The heating status is indicated by a red LED. Sensors are not included in the scope of delivery. The sensor cable can be extended up to 100 m if a cable cross-section of at least 1.5 mm² is used. Universal temperature controller, 0-100 °C, hysteresis 0.5-5 K, internal setting



Actual temperature display	No
Ambient temperature	?20 ... 50 °C
Assembly	Controller without sensor
Bearing temperature	-20 ... 50 °C
Cable entry	1 x M20x1,5, 1 x M12x1,5
Colour	Grey
Control range	0 ... 100 °C
Cooling control function	Yes
Degree of contamination	2
Dimensions (W x H x D)	96 mm x 169 mm x 56 mm
Electric connection	Screw terminals
Electronic control	Yes
External setting	No
Heating control function	Yes
Housing material	Plastic
Internal setting	Yes
Max. air humidity (non-condensing)	95 % r.H.

Max. switching current	10 (3) A, 5 (1,5) A
Max. switching voltage	230 VAC, 50 Hz
Montage/Befestigung	Wall mounting
Number of control ranges	1
Number of outputs	2
Operating voltage	230 VAC, 50 Hz
Operation	Internal setpoint adjuster
Output signal	Switching
Potential free switching contact	Yes
Protection class	II, following appropriate mounting
RAL colour number (similar)	7035
Rated impulse voltage	4000 V
Scale	Degree Celsius
Sensor element	PTC
Sensor type	KTY 81-121 (Sensor 51)
Suitable as 2-point controller	Yes
Surface finish	Matt
Switching contact	Two-way contact
Switching difference, can be adjusted	Yes
Switching differential adjustable from to	0.5 ... 5 K
Switching element	Relay
Switching power	2300 W (230 VAC) / 1150 W (230 VAC)
With explosion protection	No

