

Data Sheet ITR 79,600

Article number: D4780508

Temperature controller for standard rail mounting, 2x 5...30 °C

Electronic temperature controller especially for room temperature control using a remote sensor. This device has two separate setpoint adjusters, which make it possible to control a room with two different temperatures by manual changeover or as a function of time (e.g. using a timer). Switching between the setpoints is carried out via an external potential-free contact. The device has a sensor break and sensor short-circuit protection. Sensors are not included in the scope of delivery. All sensors with the number 2 can be used, e.g. KF-2. Hysteresis approx. 0.5 K.



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

Operating voltage	230 VAC, 50 Hz
ECO function (reduction)	Yes
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	5 ... 30 °C
Heating control function	Yes
Cooling control function	Yes
Switching differential	0,5 K
Switching difference, can be adjusted	No
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 47K (Sensor 2)
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



