

Datasheet ITR 79.600

Articlenumber: D4780508

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

Electronic temperature controller specifically for room temperature control using remote sensor. This device has two separate setpoint adjusters, which make it possible to control a room with two different temperatures by manual switching or depending on time (e.g. using timer). Switching between setpoints is performed via an external potential-free contact. The device has a sensor failure and sensor short circuit fuse. The sensor is not included in the delivery. All sensors with the number 2 can be used, e.g. KF-2. Hysteresis approx. 0.5K.



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| 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 ² - 2,5 mm ² |
| Control range, lower value | 5 °C |
| Control range, upper value | 30 °C |
| Cooling control function | Yes |
| Depth | 62,5 mm |
| Display cooling | No |
| ECO function (reduction) | Yes |
| Electric connection | Screw terminals |
| Electronic control | Yes |

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| 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 | 2 |
| 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 47K (sensor 2) |
| Surface properties | Matt |
| Switching contact | Two-way contact |
| Switching difference | 0.5 K |
| Switching difference, can be adjusted | No |
| Switching element | Relay |
| Switching power | 2300 W bzw. 1150 W |
| Type of protection | IP20 |
| Width | 36 mm |

