

## Datasheet ITR 79.408

Articlenumber: D4780179

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

Electronic temperature controller for controlling and monitoring the temperature in halls, greenhouses and underfloor heating systems. The device has a sensor break and sensor short-circuit protection as well as a "heating" display. Sensors are not included in the scope of delivery. All sensors with the number 3 can be used, e.g. KF-3. The hysteresis is adjustable between approx. 0.5...5 K.



|                                    |                           |
|------------------------------------|---------------------------|
| Actual temperature display         | No                        |
| Ambient temperature                | ?10 ... 40 °C             |
| Assembly                           | Controller without sensor |
| Bearing temperature                | -20 ... 60 °C             |
| Colour                             | Grey                      |
| Connection cross-section           | 0,5 – 2,5 mm <sup>2</sup> |
| Control range                      | -10 ... 40 °C             |
| Cooling control function           | Yes                       |
| Dimensions (W x H x D)             | 36 mm x 86 mm x 62,5 mm   |
| ECO function (reduction)           | No                        |
| Electric connection                | Screw terminals           |
| Electronic control                 | Yes                       |
| External setting                   | Yes                       |
| Heating control function           | Yes                       |
| Heating display                    | Yes                       |
| Housing material                   | Plastic PC                |
| Max. air humidity (non-condensing) | 95 % r.H.                 |

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Max. switching current                | 10 (2) A, 5 (1,5) A                   |
| Max. switching voltage                | 230 VAC, 50 Hz                        |
| Medium                                | Air                                   |
| Min. switching voltage                | 5 VAC, 50 Hz                          |
| Montage/Befestigung                   | On supporting rails (35 mm), EN 60715 |
| Number of control ranges              | 1                                     |
| Number of outputs                     | 2                                     |
| Operating voltage                     | 230 VAC, 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 finish                        | Matt                                  |
| Switching contact                     | Two-way contact                       |
| Switching difference, can be adjusted | Yes                                   |
| Switching differential                | 0,5 ... 5 K                           |
| Switching element                     | Relay                                 |
| Switching power                       | 2300 W (230 VAC) / 1150 W (230 VAC)   |

