

Product data sheet

Room thermostat (heating/cooling) 24 V



Reference number

RTR 241

Room thermostat (heating/cooling) 24 V

for covers ref.-no.: .. 1749 ..

Intended use

- Electronic room thermostat for controlling electrothermal valve drives for AC 24 V (e. g. ref.-no.: TSA 24 NC WW)
- Room temperature control in enclosed areas
- Installation in flush box with dimensions according to DIN 49073

Product characteristics

- Manually setting a comfort temperature
- Temperature limit of comfort temperature can be set
- Manually switching off the temperature control
- Input terminal for activation of reduction temperature (ECO) via central clock
- Input terminal for activation of cooling via central control
- Manual activation of cooling
- Internal temperature sensor
- Frost protection function
- Temperature drop detection (call-up of frost protection temperature when window is open)
- Controller output working method: pulse width modulation (PWM) or two-point
- Adaptation to valves (normally open or normally closed)
- Offset adjustment \pm 3 $^{\circ}\text{C}$ (correction value for measured temperature)
- Valve protection function (once a week opening and closing of valve)
- Multi-colour status LED
- Continuous operation of LED possible

Accessories:

Thermal valve drive 24 Vref.-no.: TSA 24 NC WW

Technical data

Rated voltage: AC 24 V SELV (± 10%)

Mains frequency:50/60 HzSwitching current:max. 1 AConnected load:max. 24 WStand-by power:max. 0.1 W

Temperature range: approx. +5 ... +30 °C

Mounting height: 1.50 m

Number of valve drives: 1 ... 5

Cable length: max. 100 m

Ambient temperature: -5 ... +45 °C

Stora/transport temperature: -25 ... +70 °C