20449011

Thermostat, NO contact, with centre plate Time-controlled, Berker Arsys, light bronze, lacquered

Technical features

Functions

- with frost protection function
- with access protection
- with valve protection function
- timer for changing the temperature by the hour
- Operating hours meter or energy consumption display adjustable
- with switchover manual/automatic mode

Controls and indicators

- operating languages are adjustable: German, English, Dutch or French
- large, backlight display with text display

Main electrical features

Nominal voltage	230 V
Rated voltage	230 V AC
Frequency	50 Hz

Electric current

Switching current	10 mA ... 10 (4) A
Switching current at cos φ = 0.6	max. 4 A

Power

Power consumption	≈ 1.2 W

Battery

Lithium cell power reserve [years]	≈ 10

Detection

- with integrated temperature sensor

Materials

Colour of design line	light bronze
Colour	bronze
Material / workmanship	lacquered
Material	Plastic/metal

Dimensions

Insertion depth	25 mm

Installation, mounting

Installation mode	without spreader claws

Connection

Connection	with additional connection for external floor temperature sensor/remote sensor

- with screw terminals

Settings

Floor temperature setting range	10…40 °C
Room temperature setting range	5…30 °C
Time	with automatic summer-/winter time switching (can be switched off)

- holiday programme with date activation
- max. 9 switching times per weekday
- 3 blocks of days: Mon-Fri, Sat-Sun, Mon-Sun
- programmable with operating unit removed
- 3 preset time programmes, individually adjustable

Equipment

Switching temperature difference	≈ 0,5 K

- for underfloor heating control using room and/or floor temperature possible
- with self-teaching heating curve
- for room and floor heaters
- for heating or cooling mode
- control process PWM or 2-point (on/off) can be selected
- PWM cycle time and hysteresis (for two-point control) settable
- type of actuator (currentless closed/open) adjustable

Use

Differentiation characteristic 2 - Sales	Time-controlled

Use conditions

Energy efficiency class	IV (2%)

- temperature control range adjustable
- with thermal return via software

Identification

Application, usage	HVAC control
Main design line	Berker Arsys