



20447104



Thermostat, NO contact, with centre plate Time-controlled, Berker K.5, stainless steel, lacquered

Technical features

Functions

- timer for changing the temperature by the hour
- with access protection
- with valve protection function
- with frost protection function
- 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 $\cos \varphi = 0.6$	max. 4 A

Power

Power consumption	≈ 1.2 W
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Battery

Lithium cell power reserve [years]	≈ 10
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Detection

- with integrated temperature sensor

Materials

Colour of design line	stainless steel
Colour	stainless steel
Material / workmanship	lacquered
Material	Plastic/metal

Dimensions

Insertion depth	25 mm
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Installation, mounting

Installation mode	without spreader claws
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Connection

Connection	with additional connection for external floor temperature sensor/remote sensor
-	with screw terminals

Settings

Floor temperature setting range	10...40 °C
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Room temperature setting range	5...30 °C
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Time	with automatic summer-/winter time switching (can be switched off)
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- holiday programme with date activation
- 3 preset time programmes, individually adjustable
- 3 blocks of days: Mon-Fri, Sat-Sun, Mon-Sun
- max. 9 switching times per weekday
- programmable with operating unit removed

Equipment

Switching temperature difference	≈ 0,5 K
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- for heating or cooling mode
- with self-teaching heating curve
- for room and floor heaters
- for underfloor heating control using room and/or floor temperature possible
- PWM cycle time and hysteresis (for two-point control) settable
- control process PWM or 2-point (on/off) can be selected
- type of actuator (currentless closed/open) adjustable

Use

Differentiation characteristic 2 - Sales	Time-controlled
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Use conditions

Energy efficiency class	IV (2%)
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- temperature control range adjustable
- with thermal return via software

Identification

Application, usage	HVAC control
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Main design line	Berker K.5
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