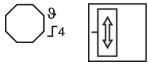




75441271



IP20

KNX object thermostat with integral bus coupling unit, KNX - Berker K.1/K.5, Aluminium, aluminium anodised

Technical features

Architecture

Fixing mode flush-mounting

Functions

Operating mode operating modes: comfort, standby, night lowering, frost/heat protected, dewpoint

Controls and indicators

- with programming button and red programming LED

Connectivity

- with 4 independent binary inputs for potential-free contacts e.g. window magnetic contact
- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable

Voltage

Operating voltage over bus 21...32 V DC

Electric current

Bus current consumption (data transfer) max. 7,5 mA

Output current per channel max. 0,8 mA

Materials

Colour of design line Aluminium

RAL colour RAL 9006 - White aluminium

Material / workmanship aluminium, anodised

Material Plastic/metal

Surface appearance matt

Type of surface treatment anodised

Installation, mounting

Installation mode without spreader claws

Connection

Sensor cable length 50 m

Conductor cross-section (flexible) 0,3...1 mm²

Conductor cross-section (rigid) 1,5 mm²

- Binary inputs / outputs with screw terminals
- bus connection via connecting terminal

Cable

Cable length, inputs/outputs max. 5 m

Settings

Supported configuration modes	system
- conduct can be defined for bus voltage return	
- valve protection can be defined	

Equipment

Product type:	product type: thermostat
- for heating and/or cooling mode	
- heating or cooling possible in 2 stages	
- for continuous (PI) or switched (2-point) control	
- for single room control	

Use

Differentiation characteristic 3 - Sales	with integral bus coupling unit
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Safety

Halogen free	no
- with dismantling protection	

Use conditions

Operating temperature	-5...45 °C
Energy efficiency class	IV (2%)

Identification

Application, usage	KNX - sensors
Product family	Product family: heating, ventilation, air conditioning
Main design line	KNX - Berker K.1/K.5
Secondary design line(s)	KNX, Berker K.1, Berker K.5

Instructions

- Binary input 4 parameter defineable for temperature sensor, order no. 161.	
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