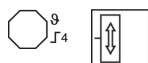


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IP20

KNX object thermostat with integral bus coupling unit, KNX - Berker Q.1/Q.3

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 lacquered
Material Plastic/metal
Surface appearance velvety
Type of surface treatment Painted

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

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 Q.1/Q.3

Secondary design line(s) KNX, Berker Q.1, Berker Q.3, Berker Q.7, Berker Q.9

Instructions

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