



75441124



## KNX thermostat with setting knob, 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 protection, dewpoint displayed with LED

#### Controls and indicators

- presence button and setting knob can be programmed to have no functions
- with programming button and red programming LED
- with presence button for switching between comfort and standby mode

#### 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)  $\approx 10$  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

#### LED control

LED with status LEDs: red for heating, blue for cooling and yellow for activation

#### Installation, mounting

Installation mode without spreader claws

#### Connection

Sensor cable length 50 m

Conductor cross-section (flexible) 0,3...1 mm<sup>2</sup>

Conductor cross-section (rigid) 1,5 mm<sup>2</sup>

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

### Cable

Cable length, inputs/outputs max. 5 m

### Settings

Supported configuration modes system

- valve protection can be defined
- conduct can be defined for bus voltage return

### Equipment

Product type: product type: thermostat

Set value control by setting knob  $\pm 0...5$  K

- for heating and/or cooling mode
- heating or cooling possible in 2 stages
- for continuous (PI) or switched (2-point) control
- for individual single room temperature control

### Use

Differentiation characteristic 2 - Sales with setting knob

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.