75441185

Thermostat with push-button interfac an

Architecture

Fixing mode	flush-mounting

Functions

- 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

Materials

RAL colour	RAL 7021 - Black grey
Colour of design line	anthracite
Material	Plastic/metal
Surface appearance	matt
Type of surface treatment	untreated

LED control

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

Installation, mounting

- without spreader claws

Connection

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

Settings

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

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 individual single room temperature control

Use

- with setting knob
- with integral bus coupling unit

Safety

Halogen free	no

- with dismantling protection

Use conditions

Operating temperature	-5 45 °C

Identification

Application, usage	KNX - sensors
Product family	Product family: heating, ventilation, air conditioning
Main design line	KNX - Berker S.1/B.3/B.7
Secondary design line(s)	Berker B.3, Berker B.7, Berker S.1

Instructions

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