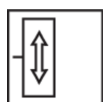


75441171



Thermostat with push-button interface, K.5, aluminium

Technical properties

Architecture

Fixing mode flush-mounting

Functions

Operating mode operating modes: comfort, standby, night lowering, frost/heat protection, dewpoint displayed with LED

Controls and indicators

Button / push-button 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

Binary inputs 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) ≈ 10 mA

Output current per channel max. 0.8 mA

Materials

RAL colour RAL 9006 - White aluminium

Material / workmanship lacquered

Material Plastic/metal

Surface appearance matt

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 mm²

Conductor cross-section (rigid) 1.5 mm²

Type of connection	Binary inputs / outputs with screw terminals
Bus connection	bus connection via connecting terminal
Cable	
Cable length, inputs/outputs	max. 5 m
Settings	
Supported configuration modes	system
Parameterisation	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	± 0...5 K
Heating	for heating and/or cooling mode, heating or cooling possible in 2 stages
Control	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	
Protection	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.5
Instructions	
Special note text	Binary input 4 parameter defineable for temperature sensor, order no. 161.