75441285

IP20 ↕

KNX object thermostat, intg bus coupling unit, KNX - B.3/B.7, ant., matt

Technical characteristics

Functions

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

Controls and indicators

Button / push-button	with programming button and red programming LED

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)	max. 7.5 mA
Output current per channel	max. 0.8 mA

Materials

Colour of design line	anthracite
Surface appearance	matt
Type of surface treatment	untreated

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

Equipment

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

Use

Differentiation characteristic 3 - Sales	with integral bus coupling unit

Safety

REACH conform	Yes
RoHS conform	Yes
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 S.1/B.3/B.7
Secondary design line(s)	KNX ; Berker S.1 ; Berker B.3 ; Berker B.7

Instructions

Special note text	Binary input 4 parameter defineable for temperature sensor, order no. 161.