



75441226



KNX object thermostat, intg bus coupling unit, KNX, Q.x, ant. velvety, lacq.

Technical properties

Architecture

Fixing mode flush-mounting

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

RAL colour RAL 7021 - Black grey

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

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

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 Q.1/Q.3
------------------	----------------------

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

Instructions

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