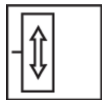


75441229

IP20



KNX object thermostat, intg bus coupling unit, KNX - Q.x, p. white velvety

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	polar white
RAL colour	RAL 9010 - Pure white
Material / workmanship	lacquered
Surface appearance	velvety

Installation, mounting

Installation mode	without spreader claws
-------------------	------------------------

Connection

Sensor cable length	50 m
Conductor cross-section (flexible)	0.3...1 mm ²
Conductor cross-section (rigid)	1.5 mm ²
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 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.
-------------------	--
