



75441279



**KNX object thermostat, intg bus coupling unit, KNX - K.1, p. white glossy**

**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

Surface appearance glossy

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 mm<sup>2</sup>

Conductor cross-section (rigid) 1.5 mm<sup>2</sup>

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**

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

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Differentiation characteristic 3 - Sales	with integral bus coupling unit
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**Safety**

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REACH conform	Yes
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RoHS conform	Yes
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Protection	with dismantling protection
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**Use conditions**

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Operating temperature	-5...45 °C
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Energy efficiency class	IV (2%)
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**Identification**

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Application, usage	KNX - sensors
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Product family	Product family: heating, ventilation, air conditioning
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Main design line	KNX - Berker K.1/K.5
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Secondary design line(s)	KNX ; Berker K.1 ; Berker K.5
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**Instructions**

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