



75441259



## KNX object thermostat, intg bus coupling unit, KNX - S.1, p. white glossy

### Technical characteristics

#### 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 polar white

RAL colour RAL 9010 - Pure white

Material Plastic/metal

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
<b>Equipment</b>	
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
<b>Use</b>	
Differentiation characteristic 3 - Sales	with integral bus coupling unit
<b>Safety</b>	
Protection	with dismantling protection
<b>Use conditions</b>	
Operating temperature	-5...45 °C
Energy efficiency class	IV (2%)
<b>Identification</b>	
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
<b>Instructions</b>	
Special note text	Binary input 4 parameter defineable for temperature sensor, order no. 161.