



75643160



## Touch sensor 3g thermostat, display, intg bus coupl. , KNX-R.1, glass p.white

### Technical properties

#### Architecture

Fixing mode	flush-mounting
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#### Functions

With room temperature controller	Yes
Function	with valve protection function, for switch, push-button, dimmer, blind and thermostat functions
Operating mode	controller operating modes: comfort, standby, night and frost/heat protection mode

#### Controls and indicators

With LED indication	Yes
Number of buttons	0
Operation	operation by gently touching the sensor surfaces on the white LED
Indication / display	LED display with symbol display, display of operating mode, controller lockout, room/outside temperature, time (clock required)
Button / push-button	with 2 additional display sensor surfaces

#### Connectivity

Encoding	with button blocking function
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#### Voltage

Voltage	operation with non-choked output of KNX voltage supply possible (pay attention to current consumption), separate auxiliary power supply needed
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#### Dimensions

Depth	23 mm
Height	152 mm
Width	81 mm

#### Power

Current consumption	23 mA
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#### Measurement

Value transmitter	value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
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#### Screen

With display	Yes
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#### Materials

Colour of design line	glass polar white
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Colour	polarwhite
RAL colour	RAL 9010 - Pure white
Material	glass
Type of surface treatment	Tampography

#### LED control

LED	with blue operation LED and 6 white status LEDs
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#### Installation, mounting

Installation mode	for vertical mounting
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#### Connection

Bus coupling unit	with integral bus coupling unit
Bus connection	bus connection via connecting terminal

#### Settings

Parameterisation	single and two push-button operation parameterisable, end customer display scope parameterisable
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#### Scope of delivery

Bus connection included	Yes
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#### Accessories included

Matching products	for suitable frames in the same "style" for additional applications, see the Design line R.x, for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
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#### Equipment

Number of actuation points	6
With anti-theft/dismantling protection	Yes
Type of configuration	Laserdruck
Heating	for heating and/or cooling mode with/without auxiliary step
Control	for individual single room temperature control, control parameter for heating / cooling unit pre-set, for continuous (PI) or switched (2-point) control

#### Use

Differentiation characteristic 2 - Sales	Display
Differentiation characteristic 3 - Sales	integrated bus coupling unit

#### Safety

Protection index IP	IP20
REACH conform	Yes
RoHS conform	Yes

#### Use conditions

Operating temperature	-5...45 °C
Temperature	additional connection for external temperature sensor, temperature measurement via internal temperature sensor or external communication object
Energy efficiency class	IV (2%)

Subject to technical modifications

<b>Identification</b>	
Application, usage	KNX - operating systems
Main design line	KNX - Berker R.1 - configured
Secondary design line(s)	KNX, Berker R.1
<b>Instructions</b>	
Information text	Only suitable for KNX.