



80660100



## KNX Roomcontroller with colour display, integrated bus coupling unit, KNX

### Technical features

#### Architecture

Fixing mode	flush-mounting
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#### Functions

- switching of scenes (1..8) possible
- operating mode heating, cooling or heating/cooling can be selected
- switching PI-control (PWM) or switching 2-point control can be selected
- heating type warm water heating, warm water underfloor heating, electric heating, electric underfloor heating or split unit can be selected
- cooling type cooling ceiling, convector fan or split unit can be selected
- comfort, standby, night-time reduction, frost/heat protection operating mode switchable via scene
- push-button functions: including switching, dimming, roller shutter/blind, timer, priority, operating mode changeover
- with keylock
- with holiday switching
- with frost protection function
- for switch, dimmer and shutter functions
- deactivate automatic function
- operating modes heating, cooling, heating/cooling or background heating and additional heating/cooling can be selected
- control modes switching PI-control (PWM), continuous PI control or switching 2-point control can be selected
- heating types warm water heating, warm water underfloor heating, electric heating, electric underfloor heating, split unit or adjustable via object
- Push-button functions for switching, dimming, roller shutter/blind, value transmitter 1 and 2 byte, thermostat, scene, priority

#### Controls and indicators

- Operation via sensitive Touch control surface
- display of set or actual temperature
- Screen saver
- LC display with symbol display
- Time and date display
- to display and initiate actions

#### Voltage

Auxiliary voltage	24 V DC
Operating voltage over bus	21...32 V DC

#### Electric current

Current consumption (operation)	25 mA
Bus current consumption (data transfer)	max. 10 mA

#### Screen

TFT screen size	1,93 "
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#### Materials

RAL colour	RAL 9005 - Jet black
Material	thermoplastic

### Dimensions

Insertion depth	32 mm
Dimensions of display (W x H)	38,28 x 30,26 mm
Width	71 mm

### Installation, mounting

Installation mode	with spreader claws, for flush-mounted and hollow-wall mounting, for single mounting, for vertical mounting
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### Connection

Connection	with additional connection for external floor temperature sensor/remote sensor
<ul style="list-style-type: none"> <li>- with integral bus coupling unit</li> <li>- bus connection via connecting terminal</li> </ul>	

### Settings

Supported configuration modes	system, easy
Time	with automatic summer/winter time change-over

### Equipment

- for heating and/or cooling mode
- heating or cooling possible in 2 stages
- for individual single room temperature control
- control parameter for heating / cooling unit pre-set

### Use

Differentiation characteristic 2 - Sales	with colour display
Differentiation characteristic 3 - Sales	integrated bus coupling unit

### Safety

Protection index IP	IP21
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### Use conditions

Operating temperature	-5...45 °C
Storage/transport temperature	-20...70 °C (storage at > 45°C reduces the service life)
Energy efficiency class	IV (2%)
<ul style="list-style-type: none"> <li>- comfort, standard and night temperature</li> <li>- temperature measurement via internal and/or connectable temperature sensor with average determination</li> <li>- additional connection for external temperature sensor</li> </ul>	

### Identification

Application, usage	KNX - operating systems
Product family	Product family: heating, ventilation, air conditioning
Composition	basis element
Main design line	KNX

**Instructions**

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Information text

The KNX room controller in comparison with the thermostat also has push-button functions and can thus control all subsystems in a room.

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