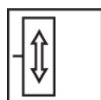




80440100

IP21 IK04



## KNX thermostat, colourdisplay, intg bus coupling unit, KNX

### Technical characteristics

#### Functions

Easy link 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
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Function	with keylock ; with holiday switching ; with frost protection function
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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
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#### Controls and indicators

Operation	Operation via sensitive Touch control surface
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Indication / display	display of set or actual temperature ; Screen saver ; LC display with symbol display ; Time and date display ; to display and initiate actions
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#### Voltage

Auxiliary voltage	24 V DC
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Operating voltage over bus	21...32 V DC
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#### Electric current

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

Insertion depth	32 mm
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Dimensions of display (W x H)	38.28 x 30.26 mm
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Width of rail mounted device (RMD)	0 modules
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Width	71 mm
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#### Screen

TFT screen size	1.93 "
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#### 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**

Bus coupling unit	with integral bus coupling unit
Bus connection	bus connection via connecting terminal
Connection	with additional connection for external floor temperature sensor/remote sensor

**Settings**

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

**Equipment**

Heating	for heating and/or cooling mode ; heating or cooling possible in 2 stages
Control	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**

REACH conform	No
Halogen free	No

**Use conditions**

Operating temperature	-5...45 °C
Storage/transport temperature	-20...70 °C (storage at > 45°C reduces the service life)
Temperature	comfort, standard and night temperature ; temperature measurement via internal and/or connectable temperature sensor with average determination ; additional connection for external temperature sensor
Energy efficiency class	IV (2%)

**Identification**

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