



80440100



e IK04 IP21
easy

KNX thermostat 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
- with keylock
- with holiday switching
- with frost protection 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

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"> - with integral bus coupling unit - bus connection via connecting terminal 	

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"> - comfort, standard and night temperature - temperature measurement via internal and/or connectable temperature sensor with average determination - additional connection for external temperature sensor 	

Identification

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