



KNX thermostat w. TFT display, int. BAU

80440100

#### Architecture

Fixing mode	flush-mounting
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#### Functions

- 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

Operating voltage over bus	21 32 V DC
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#### Materials

RAL colour	RAL 9005 - Jet black
Material	thermoplastic

#### Dimensions

Insertion depth	32 mm
Width	71 mm

#### Installation, mounting

- with spreader claws
- for flush-mounted and hollow-wall mounting
- for single mounting
- for vertical mounting

#### Connection

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

#### Settings

- 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

- with colour display
- 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)
- 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
Main design line	KNX