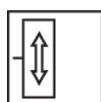




80660100

IP21 IK04



KNX room cont., colourdisplay, intg bus coupling unit, KNX

Technical properties

Architecture

Fixing mode flush-mounting

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

Easy link functions

Function with keylock ; with holiday switching ; with frost protection function ; for switch, dimmer and shutter functions ; deactivate automatic function

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 Operation via sensitive Touch control surface

Indication / display 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

Dimensions

Insertion depth 32 mm

Dimensions of display (W x H) 38.28 x 30.26 mm

Width of rail mounted device (RMD) 0 modules

Width 71 mm

Screen

TFT screen size

1.93"

Materials

RAL colour RAL 9005 - Jet black

Material thermoplastic

Installation, mounting

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

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

Protection index IP IP21

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

Instructions

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.