80440100

IK04 IP21

KNX thermostat, colourdisplay, intg bus coupling unit, KNX

Technical properties

Architecture

Fixing mode	flush-mounting

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
Function	with keylock, with frost protection function

Controls and indicators

Indication / display	Time and date display

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

Equipment

Heating	for heating and/or cooling mode, heating or cooling possible in 2 stages
Control	for individual single room temperature control

Use conditions

Operating temperature	-5…45 °C
Storage/transport temperature	-20…70 °C (storage at > 45°C reduces the service life)
Temperature	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