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KNX glass sensor 3g thermostat, display, intg bus coupl. , KNX-TS sensor, al.

Technical characteristics

Functions

With room temperature controller Yes

Function with valve protection function ; for switch, push-button, dimmer, blind and thermostat functions

Operating mode controller operating modes: comfort, standby, night and frost/heat protection mode

Controls and indicators

With LED indication Yes

Operation operation by gently touching the sensor surfaces on the white LED

Indication / display LED display with symbol display ; display of operating mode, controller lockout, room/outside temperature, time (clock required)

Button / push-button with 2 additional display sensor surfaces

Connectivity

Encoding with button blocking function

Voltage

Voltage operation with non-choked output of KNX voltage supply possible (pay attention to current consumption) ; separate auxiliary power supply needed

Dimensions

Depth 37.7 mm

Depth 5.7 mm

Dimensions (W x H x D) 86 x 160 x 5.7 mm

Height 160 mm

Width 86 mm

Power

Current consumption 23 mA

Measurement

Value transmitter value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Screen

With display Yes

Materials

Colour of labelling 105,105,105

Colour of design line glass aluminium

LED control

LED with blue operation LED and 6 white status LEDs

Installation, mounting

Installation mode for vertical mounting

Connection

Bus coupling unit with integral bus coupling unit

Bus connection bus connection via connecting terminal

Settings

Parameterisation single and two push-button operation parameterisable ; end customer display scope parameterisable

Scope of delivery

Bus connection included Yes

Accessories included

Adapters with adapter ring for dismantling protection and shadow gap formation

Matching products for glass frames in the same "style" for additional applications, see the Design line B.7 ; for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x

Equipment

With anti-theft/dismantling protection Yes

Type of configuration Laserdruck

Heating for heating and/or cooling mode with/without auxiliary step

Control for individual single room temperature control ; control parameter for heating / cooling unit pre-set ; for continuous (PI) or switched (2-point) control

Use

Differentiation characteristic 2 - Sales Display

Differentiation characteristic 3 - Sales integrated bus coupling unit

Safety

REACH conform Yes

RoHS conform Yes

Use conditions

Operating temperature -5...45 °C

Temperature additional connection for external temperature sensor ; temperature measurement via internal temperature sensor or external communication object

Energy efficiency class IV (2%)

Identification

Application, usage KNX - operating systems

Main design line KNX - Berker TS Sensor - configured

Secondary design line(s) Berker TS Sensor ; KNX

Instructions

Information text Only suitable for KNX.