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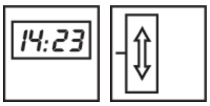

KNX glass sensor 3g thermostat, display, intg bus coupl. , KNX-TS sensor, bl.

Technical properties

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
Number of buttons	0
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 design line	glass black

Colour	black
Surface appearance	glossy
Material family	Glass

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

Number of actuation points	8
With anti-theft/dismantling protection	Yes
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
Secondary design line(s)	Berker TS Sensor ; KNX

Instructions

Information text	Only suitable for KNX.