



75643035



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

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 |
| 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. |
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