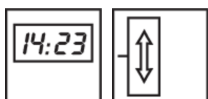




75642050



Touch sensor 2g thermostat, display, intg bus coupl. , KNX-R.3, glass p.white

Technical properties

Architecture

| | |
|-------------|----------------|
| Fixing mode | flush-mounting |
|-------------|----------------|

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 | 23 mm |
| Height | 152 mm |
| Width | 81 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 polar white |
|-----------------------|-------------------|

| | |
|--|---|
| Colour | polarwhite |
| Type of surface treatment | Tampography |
| LED control | |
| LED | with blue operation LED and 4 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 | |
| Matching products | for suitable frames in the same "style" for additional applications, see the Design line R.x ; for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3 |
| Equipment | |
| Number of actuation points | 6 |
| 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 | |
| Protection index IP | IP20 |
| 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 lineKNX - Berker R.3

Secondary design line(s)KNX ; Berker R.3

Instructions

Information textOnly suitable for KNX.