



80161865

IP20



Push-button 1gang, + RGB LED, internal temp. sensor, KNX - R.1/R.3, black glossy

Technical properties

Functions

With room temperature controller No

operating concept "independent push-button" function predefined ; operating concept for "roller shutter/blind" function predefined ; switching of scenes (1..8) possible ; Orientation LED can be controlled via object ; brightness value of the status LED for day/nighttime operation preset, status LED for day/nighttime operation can be controlled via object ; integrated temperature sensor with output of the measured values ; Colour of status LED uniformly adjustable for complete device ; push-button functions: including switching, dimming, roller shutter/blind, timer, priority, temperature setpoint adjustment, operating mode changeover

Easy link functions

Function Function for manual interruption of automatic functions already triggered

operating surfaces as buttons (single-surface operation) and rockers (two-surface operation) ; the brightness of status LEDs are individually adjustable for button/ rocker function ; brightness value of the status LEDs for day/nighttime operation adjustable via object or manually ; value transmitter for dimming, position, brightness temperature values 1 and 2 byte ; button/rocker functions for switching, dimming, roller shutter/blind, value transmitter 1/2 byte, room thermostat extension unit, priority, scene, automatic control deactivation ; integrated temperature sensor with output of the measured values via object ; button functions for switching, dimming, roller shutter/blind, timer, value transmitter 1/2 byte, room thermostat extension unit, priority, scene, 2-channel mode, step switch, automatic control deactivation ; rocker functions for switching, dimming, roller shutter/blind, value transmitter 1/2 byte, room thermostat extension unit, priority, scene, 2-channel mode, automatic control deactivation ; parameter defineable lock function ; 3-step switch, function for incremental selection of up to 7 stored values ; Status LED configurable in its colour per button

Function

Compatibility

Extension unit extension unit for light scene push-button

Controls and indicators

With LED indication Yes

Number of buttons 1

Operation operating areas configurable as one or two-area operation

Electric current

Bus current consumption (data transfer) max. 20 mA

Power

Measurement

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

Screen

| | |
|--------------|----|
| With display | No |
|--------------|----|

Materials

| | |
|------------------------------------|-----------|
| Colour of design line | black |
| Colour independent of design lines | black |
| Surface appearance | glossy |
| Surface protection | Brilliant |
| Type of surface treatment | untreated |
| Material family | Plastic |

LED control

| | |
|-----|--|
| LED | with white operating LED ; with 2 RGB status LEDs per rocker |
|-----|--|

Connection

| | |
|-------------------|-------------------------------------|
| Bus coupling unit | for bus coupling unit flush-mounted |
|-------------------|-------------------------------------|

Settings

| | |
|-------------------------------|--|
| Supported configuration modes | system, easy |
| Parameterisation | single and two push-button operation parameterisable |

Scope of delivery

| | |
|-------------------------|----|
| Bus connection included | No |
|-------------------------|----|

Equipment

| | |
|--|---------------------------------|
| Number of actuation points | 2 |
| With anti-theft/dismantling protection | No |
| Product type: | product type: push-button 1gang |

Use

| | |
|--|------------------------------------|
| Differentiation characteristic 2 - Sales | and RGB LED |
| Differentiation characteristic 3 - Sales | with integrated temperature sensor |

Safety

| | |
|--------------|---|
| Halogen free | No |
| Protection | with dismantling protection |
| Alarm | alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte |

Use conditions

| | |
|-------------------------------|---|
| Operating temperature | -5...45 °C |
| Storage/transport temperature | -20...70 °C (storage at > 45°C reduces the service life) |
| Temperature | integrated temperature sensor with output of the measured values via object |

Identification

| | |
|--------------------------|---|
| Application, usage | KNX - operating systems |
| Product family | product family: push-button |
| Main design line | KNX - Berker R.1/R.3/Serie 1930/R.classic |
| Secondary design line(s) | KNX ; Berker R.1 ; Berker R.3 ; Serie 1930 ; Series R.classic |

Instructions

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|-------------------|---|
| Special note text | Use only in conjunction with bus coupling unit 8004 00 01! |
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