



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