80161776

IP20
easy

Push-button 1gang with labelling field, and RGB LED, with integrated temperature sensor, KNX - Berker K.1/K.5, anthracite

Technical features

Architecture

Fixing mode	flush-mounting

Functions

With room temperature controller	yes

- 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
- 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
- parameter defineable lock function
- integrated temperature sensor with output of the measured values via object
- Status LED configurable in its colour per button
- 3-step switch, function for incremental selection of up to 7 stored values
- 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
- 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

Controls and indicators

With LED indication	yes
Number of buttons	1

- operating areas configurable as one or two-area operation

Electric current

Bus current consumption (data transfer)	max. 20 mA

Power

Power consumption, KNX	≈ 150 mW

Measurement

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

Screen

With display	no

Materials

Colour of design line	anthracite
Colour independent of design lines	anthracite
Colour	anthracite
RAL colour	RAL 7021 - Black grey
Material	thermoplastic
Material for printing	Paper
Surface appearance	glossy
Type of surface treatment	Painted
Material family	Plastic

Dimensions

Labelling field length (W x H)	66,8 x 52,8 mm
Height	55,1 mm
Width	70,9 mm

LED control

LED	with white operating LED, with 2 RGB status LEDs per rocker

Connection

- for bus coupling unit flush-mounted

Settings

Supported configuration modes	system, easy

- single and two push-button operation parameterisable

Scope of delivery

Bus connection included	no

Accessories included

Inscribable, with labelling field	yes

Equipment

Number of actuation points	2
With anti-theft/dismantling protection	yes
Product type:	product type: push-button 1gang

Use

Differentiation characteristic 1 - Sales	with labelling field
Differentiation characteristic 2 - Sales	and RGB LED
Differentiation characteristic 3 - Sales	with integrated temperature sensor

Safety

Protection index IP	IP20
Halogen free	yes

- with dismantling protection
- 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)

- integrated temperature sensor for operation as controller extension unit
- 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 K.1/K.5
Secondary design line(s)	Berker K.1, KNX

Instructions

- Use only in conjunction with bus coupling unit 8004 00 01!