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easy
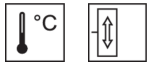
IP20

Push-button module 1gang with RGB LED, with integrated temperature sensor, with integral bus coupling unit, KNX - Berker Q.x/K.x

Technical features

Architecture

Fixing mode	flush-mounting

Functions

- operating concept "independent push-button" function predefined
- operating concept for "roller shutter/blind" function predefined
- switching of scenes (1..8) possible
- brightness value of the status LED for day/nighttime operation preset, change-over for day/nighttime operation possible
- 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, 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
- integrated temperature sensor with output of the measured values via object
- parameter defineable lock function
- button/rocker functions for switching, dimming, roller shutter/blind, value transmitter 1/2 byte, room thermostat extension unit, priority, scene, automatic control deactivation

Controls and indicators

- operating areas configurable as one or two-area operation
- with programming button and red programming LED

Voltage

Operating voltage over bus	21...32 V DC

Electric current

Bus current consumption (data transfer)	max. 10 mA

Power

Power consumption, KNX	≈ 108 mW

Materials

RAL colour	RAL 7035 - Light grey
Material	Plastic/metal
Type of surface treatment	untreated

Dimensions

Insertion depth	31 mm
Height	71 mm

LED control

LED - KNX	with one RGB status LED configurable in brightness and colour

Connection

- with integral bus coupling unit
- bus connection via connecting terminal

Settings

Supported configuration modes	system, easy

Equipment

Product type:	product type: push-button 1gang

- with integrated buzzer for acoustic identification of the device within the system

Use

Differentiation characteristic 1 - Sales	with RGB LED
Differentiation characteristic 2 - Sales	with integrated temperature sensor
Differentiation characteristic 3 - Sales	with integral bus coupling unit

Safety

Protection index IP	IP20
Halogen free	no

- with dismantling protection

Use conditions

Operating temperature	-5...45 °C
Storage/transport temperature	-20...70 °C (storage at > 45°C reduces the service life)

- 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 Q.x/K.x
Secondary design line(s)	KNX, Berker Q.1, Berker Q.3, Berker Q.7, Berker Q.9, Berker K.1, Berker K.5