



80161869

IP20



Push-button 1gang, + RGB LED, internal temp. sensor, KNX - R.1/R.3, p.white gl.

Technical properties

Functions

With room temperature controller	No
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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
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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
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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
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Power

Power consumption, KNX

≈ 150 mW

Measurement

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

With display	No
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Materials

Colour of design line	polar white
Colour independent of design lines	polar white
RAL colour	RAL 9010 - Pure white
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
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Connection

Bus coupling unit	for bus coupling unit flush-mounted
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Settings

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

Scope of delivery

Bus connection included	No
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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

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!