



80161770

IP20



Push-button 1gang, + RGB LED, internal temp. sensor, KNX - K.1, p. white

Technical properties

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

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 ; 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

Function

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

Dimensions

Labelling field length (W x H) 66.8 x 52.8 mm

Height 55.1 mm

Width 70.9 mm

Power	
Power consumption, KNX	≈ 150 mW
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	polar white
Colour independent of design lines	polar white
RAL colour	RAL 9010 - Pure white
Material for printing	Paper
Surface appearance	matt
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	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	
REACH conform	Yes
RoHS conform	Yes
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
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Storage/transport temperature	-20...70 °C
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Temperature	integrated temperature sensor for operation as controller extension unit ; integrated temperature sensor with output of the measured values via object
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Identification

Application, usage	KNX - operating systems
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Product family	product family: push-button
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Main design line	KNX - Berker K.1/K.5
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Secondary design line(s)	KNX ; Berker K.1
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Instructions

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