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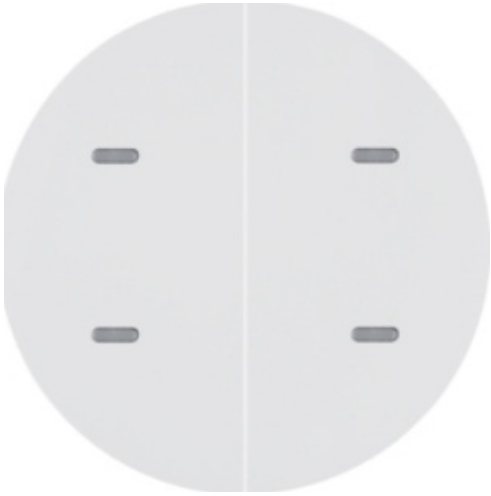
hager Push Button 2 Gang with RGB LED and Internal Temp



Specifications

- Product Code: 80162869
- Type: Push-button 2gang with RGB LED
- Compatibility: KNX – R.1/R.3

- Internal Temperature Sensor: Yes
- Bus Current Consumption: 20 mA
- Mounting: Flush mounting
- Actuation Points: 4
- LED Indication: Yes
- Material: Thermoplastic
- Color: Polar White (RAL code 9010)
- Surface Finish: Glossy
- Labelling Field: No
- Display: No

Product Usage Instructions

- **Installation and Mounting**
  Mount the push-button on a suitable surface following the provided mounting instructions.
- **Use Conditions**
  Operating Temperature: Subject to technical modifications
- **Electric Current**
  Bus current consumption is 20 mA for data transfer.
- **Functions**
  The push-button comes with room temperature controller functionality.
- **Controls and Indicators**
  The push-button features LED indication for ease of use.
- **Materials**
  The push-button is made of thermoplastic material with a glossy finish in polar white color (RAL code 9010).

Push-button 2gang and RGB LED, with integrated temperature sensor, KNX – Berker R.1/R.3/Serie 1930/R.classic, polar white glossy

Art No.	80162869
EAN No.	3250617153614

P.U.	1 part
Price *	on demand

Technical Characteristics

Architecture

Fixing mode	flush-mounting
Technical version	2gang

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 objectAn An
- Integrated temperature sensor with output of the measured values
- Colour of the 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
- 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-definable lock function
- 3-step switch, function for incremental selection of up to 7 stored values
- Status LED configurable in its colour per button
- **Compatibility**
  - extension unit for light scene push-button
- **Controls and indicators**
  - With LED indication yes
  - Number of buttons 2
- Operating areas configurable as one or two-area operation
- **Electric current**

  Bus current consumption (data transfer)
- **Power**

  Power consumption, KNX max. 20 mA z 150 mW

Measurement

Colour of design line	polar white
Colour independent of design lines	polar white
Colour	polarwhite

RAL colour	RAL 9010 – Pure white
Material	thermoplastic
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

- 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 a labelling field no

Equipment

- Number of actuation points with anti-theft/dismantling protection 4
- Product type: no

- product type: push-button 2gang

use

Differentiation characteristic 2 – Sales	and RGB LED
Differentiation characteristic 3 – Sales	with integrated temperature sensor

Safety

Protection index IP	IP20
Halogen free	no
• 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 with output of the measured values via an 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

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

FAQs

Q: Does the push-button have a display?

A: No, the push-button does not have a display feature.

Q: What is the bus current consumption for data transfer?

A: The bus current consumption for data transfer is 20 mA.

Q: Can the push-button be used for flush mounting?

A: Yes, the push-button is designed for flush mounting installations.

Q: Does the push-button come with a labelling field?

A: No, the push-button does not have a labelling field feature.

Documents / Resources

	hager Push Button 2 Gang with RGB LED and Internal Temp [pdf] Instructions R.1, R.3, Push Button 2 Gang with RGB LED and Internal Temp, with RGB LED and Internal Temp, LED and Internal Temp, Internal Temp

References

- User Manual

hager

hager, Internal Temp, LED and Internal Temp, Push Button 2 Gang with RGB LED and Internal Temp, R-1, R-3, with RGB LED and Internal Temp

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