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Pushbutton sensor 4.95 Komfort, 1-gang for Gira One and KNX



Specification	Order No.	Packing unit	PS	EAN
white	5001 003	1		4010337070870
anthracite	5001 028	1		4010337070887

Features

Function in the Gira One system

- Pushbutton sensor 4.95 Komfort for operating Gira One devices.
- Integrated temperature sensor for measuring the room temperature.
- Integrated humidity sensor for measuring the room humidity.
- Input for external remote sensor for measuring the floor temperature.
- Pushbutton sensor 4.95 Komfort in the dimensions 95 x 95 mm.
- Start-up of the pushbutton sensors from index level 01 using Gira Project Assistant (GPA) version 5.1.

Operating functions

- Switching of devices, such as lights, socket outlets or pumps.
- Dimming of lights.
- Operation of shading and ventilation devices (blinds, shutters, skylights, roof domes and awnings).
- Convenient group control of switching, dimming, shading and ventilation devices.
- Calling up of scene variants.
- Use as a staircase button to activate the staircase function for switching and dimming devices.
- Floor-call button when combined with the Gira G1.
- Control of Sonos audio devices.
- Controls Hue devices.
- Controls eNet devices.
- Door or garage door opener function.
- Boost function.

Operating concept

- Horizontal installation (operation using the left/right button)
- Switching function: left button: switchover; right button: switchover
- Dimming function, short actuation: left button: switchover; right button: switchover
- Dimming function, long actuation: left button: darker; right button: brighter
- Shading function:left button: lower; right button: raise
- Scene function: left button: scene variant 2; right button: scene variant 1
- Staircase light function: left/right button: switch on
- Garage door function: left/right button: pulse/rising edge
- Door opener function: left/right button: pulse/rising edge
- Sonos audio control: left button: play favourite 1; right button: play/pause
- Floor call (Gira G1): : left/right button: activate floor call
- Boost: left button: switchover; right button: switchover

Illustrations are similar and may deviate from originals.

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Room temperature

- Temperature adjustment for the integrated temperature sensor.

LED display

- Brightness value of the status LED can be set to 5 different levels, as well as off.
- Colour of the status LED (red, green, blue, yellow, cyan, orange, violet or white) can be set.
- Status LED function can be set depending on the rocker function: always OFF, always ON, actuation display or status display.

Function in the Gira KNX system

- Pushbutton sensor with integrated bus coupler and the option of connecting a wired remote sensor.
- Pushbutton sensor 4.95 must be completed with rocker sets to be ordered separately.The operating surfaces of the rocker sets are made of high-quality three-millimetre thick real material such as glass, stainless steel or aluminium.
- Rocker function or button function can be set for each operating surface.
- Tactile feedback when a button is pressed.
- Functions: Switching, dimming of brightness and colour temperature, colour control, blinds, value transmitter, scene auxiliary unit, two-channel operation and controller auxiliary unit.
- Switching: Reaction when pressed and/or released, switching on, switching off, changing over.
- Dimming of brightness and colour temperature: Times for short and long actuation, dimming in different levels, telegram repetition in the event of long actuation, sending a stop telegram at the end of actuation.
- Colour control: Type of colour control, colour spectrum and values can be set. The command when pressing, the time between switching and colour cycle / brightness adjustment, the start value and the increment of the adjustment can be set as well as the telegram repetition if pressed for a long time.
- Blind controller: four different operating concepts with times for short and long actuation and slat adjustment.
- Value transmitter: The mode of operation (1-byte, 2-byte, 3-byte or 6-byte value transmitter) and the value are adjustable.
- Scene auxiliary unit: with or without storage function, calling up internal scenes with or without storage function.
- 2-channel operation: The operation of two independent channels can be set for every rocker or every button. This allows up to two telegrams to be sent on the bus at the push of a button. The channels can be parametrised independently of each other for switching, value transmitting or scene functions.

Controller auxiliary unit properties

- An external room temperature controller can be controlled with the controller auxiliary unit button function.
- Operating mode switching, forced operating mode switching, presence function and settpoint adjustment.
- Evaluation of the controller status via status LED.

Functions of the status LEDs

- Every status LED can be parametrised independently of the operating surface.
- The status LEDs can light up in red, green, blue, yellow, cyan, orange, violet or white as required.
- Status LED functions: always OFF, always ON, actuation display, telegram acknowledgement, status display, inverted status display, activation via a separate LED object, operating state display, controller status display, presence status display and inverted presence status display.
- In addition, a superordinate function can be enabled for every status LED, allowing another colour and display type to be set.

General functions

- Alarm message LED: All LEDs in the pushbutton sensor can flash red simultaneously in the event of an alarm message.
- LED orientation lighting: For orientation, all LEDs can be permanently off or on, indicate the status of a separate communication object (ON, OFF, flashing) or be switched on when any button is pressed and automatically switched off again after a delay time has elapsed.
- Night-time reduction LED: Control of the brightness of all status LEDs via a communication object. This means that the brightness can be reduced to a value configured in the ETS during night hours.
- Function for disabling individual buttons and rockers.
- Scene function: Internal storage of up to eight scenes with eight output channels.
- Temperature measurement:Room temperature measurement by internal sensors, internal and wired remote sensors or internal and external sensors.
- Room humidity measurement:Measurement of the humidity in the room by internal sensors.
- Rockers can be customised via the Gira Inscription Service.
- Rockers can be customised via the Gira Inscription Service.
- Rocker sets with up to 3 mm thick real material available separately.
- From I01 additional button on the bottom edge of the pushbutton sensor.
- New from version I01: Functions: Switching, dimming and colour temperature, shading, value transmitter and scene auxiliary unit.

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Technical data

KNX medium:	TP256
Gira One Medium:	Twisted-Pair (TP), YCYM 2 x 2 x 0,8
Connection:	Connection and junction terminal
Protection class:	III
Installation depth:	16 mm
Keypad:	95 x 95 mm
Ambient temperature:	-5 °C to +45 °C

Notes

- Successor item: 5001003 1041003 | 5001028 1041028
