© Copyright by
Gira Giersiepen GmbH & Co. KG
All rights reserved

Pushbutton sensor 4.55 Plus, 2-gang/4-gang for KNX



Specification	Order No.	Packing unit	PS	EAN
 white	5016 003	1		4010337132189
 black	5016 050	1		4010337132202

Features

- Pushbutton sensor with integrated bus coupler, available in 1-gang/3-gang or 2-gang/4-gang variants, depending on the chosen rocker sets.
- Pushbutton sensor with integrated display for displaying functions and status.
- Rocker function or button function can be set for each operating surface.
- Integrated temperature and humidity sensor.
- Integrated proximity sensor, transmission of a telegram when approached.
- Integrated orientation LED.
- Alarm message with sound and warning (text).
- User-defined colours for text and icons.
- Screensaver that can show up to four elements (time, date etc.) on the display.

Rocker function

- Switch (ON, OFF, CHANGE), dimming, scene auxiliary unit, blind and controller auxiliary unit.
- Differentiation between long or short button press.
- Dimming mode, start/stop or dimming in stages.
- Retrieve/save scenes.
- Controller auxiliary unit for operating mode switchover (comfort, standby, night) or setpoint adjustment.

Button function

- Switch (ON, OFF, CHANGE), dimming, RGB switching/value transmission, RGBW switching/value transmission, colour temperature switching/value transmission, value transmitter, scene auxiliary unit, blind, shift register, 4-channel operation and colour temperature adjustment.
- Dim colour temperature: this function is only available with the 2-gang, 3-gang and 4-gang pushbutton sensors.
- RGB dimming. This function is only available with the 3-gang and 4-gang pushbutton sensors.
- RGBW dimming. This function is only available with the 4-gang pushbutton sensor.
- Differentiation between long or short button press.
- Dimming mode, start/stop or dimming in stages.
- Retrieve/save scenes.
- Value transmitter (1-bit, 2-bit, 4-bit, 1-byte, 2-byte, 4-byte)

Illustrations are similar and may deviate from originals.

© Copyright by
Gira Giersiepen GmbH & Co. KG
All rights reserved

Two zero-voltage contacts

- Connection of a Gira remote sensor (predefined values) or an NTC temperature sensor or switch, button, leakage sensor and condensation sensor.
- Function: Response when closing or opening (ON, OFF, CHANGE) the contact, scene auxiliary unit (retrieve/save), string transmission (14-byte) and differentiation between long or short button press.

Display properties

- Configurable colour display with text and/or icons.
- 120 different icons can be selected.
- Display brightness can be set to normal/night mode.
- The lighting ambience can be set via the submenu.

Technical data

KNX medium:	TP256
KNX current consumption:	8 to 14 mA
KNX connection:	Connection and junction terminal
Number of inputs:	2
Length cable set:	25 cm, can be extended to max. 5 m
Protection class:	III
Installation depth:	20.8 mm
Ambient temperature:	-5 °C to +45 °C
Relative humidity:	5 to 93 % (without condensation)

Notes

- KNX Data Secure compatible.
- Configuration and start-up of the device from ETS 5 version 5.7.7 or higher or ETS 6 version 6.3 or higher (recommended).

Scope of supply

- Connection and junction terminal for KNX included with delivery.
- 3-wire cable set included with delivery.
- Support ring included with delivery.
