Pushbutton sensor 4.55 Detect, 1-gang for KNX with start-up rocker

Spezifikation	Bestell-Nr.	VE	GBP/Stück o. MWSt.	PS	EAN
	5055 00	1/5	184.01	06	4010337132721

Merkmale

- Pushbutton sensor with integrated bus coupler and the option of connecting a wired remote sensor.
- Integrated temperature sensor.
- 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 actuations, 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.
- Blinds: The command when pressed and the operating concept are adjustable. The operating concept can be adapted in the 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.
- Cycle through scenes/dim scene devices. Visualisation of the scene via LED colour.
- Scene function: Internal storage of up to eight scenes with eight output channels.
- 2-channel operation: Up to two telegrams can be sent to the KNX by pressing a button. The operating concept can be set and the time for short and long actuation can be adjusted. The mode of operation of the channels can be set separately.
- Controller auxiliary unit: The mode of operation (operating mode switch-over, forced operating mode switch-over, presence function and setpoint adjustment) can be set.
- Function for disabling individual buttons and rockers.
- 4-stage limit value function for indoor air quality VOC, IAQ, eCO_2

Motion detector function

- Integrated brightness sensor.
- 2 function blocks for motion detection with 2 outputs each.
- Output functions: Switching, staircase light function, switching with forced position, value transmitter, scene auxiliary unit, operating mode preset for room temperature controller.
- Main and auxiliary unit function.
- Day/night mode switchover.
- Detection of the slightest of movements, e.g. at a workstation, to identify a person’s presence.
- Staircase function for detecting ascending or descending movement on staircases, regardless of the function block parametrisation.
- Gesture recognition as a contactless virtual switch, regardless of the function block parametrisation.

Controller auxiliary unit properties

- The controller auxiliary unit can be parametrised as the function of a rocker or button. Control of a room temperature controller (operating modes, presence function and setpoint adjustment).
- Evaluation of the controller status via status LED.
- Temperature measurement can be activated. Measurement of the room temperature with an internal sensor or optionally by creating a measured value of the internally measured temperature with an external temperature.

Functions of the status LEDs

- The function selection is made for each status LED. The following functions can be parametrised: always OFF, always ON, actuation display, telegram acknowledgement, status display, control with separate LED object, operating mode display, controller status display, presence status display and setpoint adjustment.
- Colour can be parametrised. The colour selection is performed either for all status LEDs or separately for each status LED of the device. The status LEDs can light up in red, green, blue, yellow, cyan, orange, violet or white as required.
- The status LEDs have six adjustable brightness levels. With night-time reduction, the brightness of the status LEDs can be reduced in the night hours by means of a communication object.
- In addition, a superordinate function can be enabled for every status LED, allowing another colour and display type to be set.
- Alarm message LED: All LEDs of the pushbutton sensor can flash red simultaneously in the event of an alarm message.
- LED orientation lighting: For orientation, all LEDs can be switched off or on permanently, indicate the status of a separate communication object (ON, OFF, flashing) or be switched on when a button is pressed and automatically switched off again after a delay time passes.
- LED traffic light function for indoor air quality (VOC).

General functions

- Function for disabling individual buttons and rockers.

Technische Daten

KNX medium:	TP256
Connection:	Connection and junction terminal
Protection class:	III
Installation depth:	13.8 mm
Keypad:	55 x 55 mm
Ambient temperature:	-5 °C to +45 °C

Hinweise

- KNX Data Secure compatible.
- Can be updated.
- Professional inscription by the Gira inscription servicewww.beschriftung.gira.de.
- The pushbutton sensor can be installed horizontally (“normal” installation position) or vertically (“rotated by -90°” installation position).

Lieferumfang

- Connection and junction terminal for KNX included with delivery.
- Support ring with screws included with delivery.
- The pushbutton sensor is delivered with a program-neutral start-up rocker. The suitable rocker set for the switch range must be ordered separately.
