Operating Instructions

**Door communication push button interface, 2-gang**
1210 00

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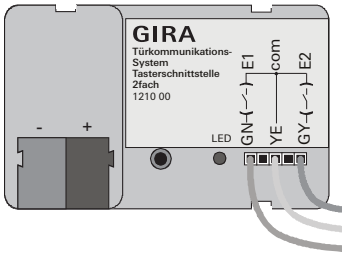
## Device description

The purpose of the 2-gang door communication push button interface is to realise a zero-voltage push button signal on the Gira door communication bus.

The push button interface has two independent inputs for connecting zero-voltage push buttons. The inputs can be assigned either to a switching actuator (for triggering a switching action) or to a home station.

The inputs behave differently when the push button interface is assignd to a home station:

- **Input 1** triggers a **floor call**.
  The input is required e.g. when only a two-wire cable is available for the connection of a home station, including the floor-call button (e.g. when retrofitting an existing door intercom).
- **Input 2** triggers a **door call**.
  This input is required e.g. when the automatic door opener of the hands-free feature home station should be triggered by a mechanical push button.




## Installation

**Important**

Installation and mounting of electrical devices may only be carried out by a qualified electrician.

The door communication push button interface is intended for installation in a wall box (recommendation: deep wall box) behind a conventional push button.

## Connections

**– / + (Bus)**

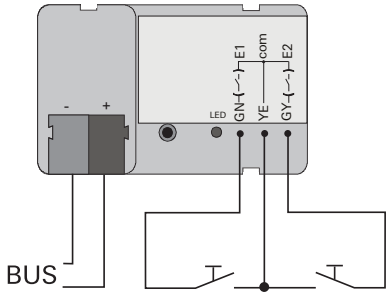
The flush-mounted switching actuator is connected to the 2-wire bus via the "– / +" terminals.

**Neutral BUS**

Polarity need not be taken into account for connection to the "- / +" terminals, the polarity of the Gira door communication system 2-wire bus is neutral.

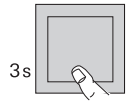
**Push button connection**

The push button is connected via a three-wire connecting cable approx. 20 cm long. This connecting cable may only be extended to a maximum of 5 m.




## Assigning a push button interface to a home station


1. Start programming mode at the **control device** by pressing the "Systemprogr." button for 3 seconds until the LED next to the button starts flashing.

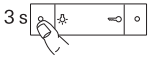



2. For 3 seconds, press the push button connected to the **push button interface** that you wish to assign to the home station.

✓ The LED of the push button interface first lights up red and then, after 3 seconds, it briefly lights up green.
When the button is released after 3 seconds, the LED lights up green for approx. 1 second as confirmation.

**Release the button after 3 seconds**

If the button press is not ended after the first changeover from red to green, the input is reset to the state of delivery after another 3 seconds.




3. Press the button on the **home station** for 3 seconds until you hear a short acknowledgement tone.

✓ A long acknowledgement tone confirms successful assignment.


4. Press the "Systemprogr." button on the **control device** to exit the programming mode.

**Floor-call button on the push button interface**

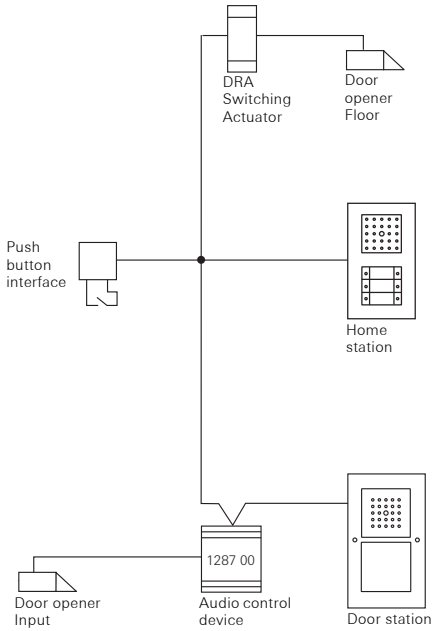
If the button connected to the push button interface is used as a floor-call button (input 1), the function "Assigning home station via floor-call button" cannot be used. This is possible only with a push button on the ET terminal.

## Information on the automatic door opener

The automatic door opener activated on the home station can be triggered with a push button at input 2.

Please observe the following points:

- A door call triggered from the push button interface interrupts ongoing voice communication.
- A door call is signalled at the home station by the LED 🔔 flashing. A voice connection cannot be established.
- The door opener function can only be realised in conjunction with a DRA switching actuator (see figure below).




## Assign the push button interface to a DRA switching actuator

**Operating modes with the DRA switching actuator**

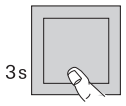
Only the operating modes "Switching", "Timer/min", "Timer/sec." and "Impulse" can be used with the push button interface.


1. Start programming mode at the **control device** by pressing the "Systemprogr." button for 3 seconds until the LED next to the button starts flashing.

✓ The LED of the last set operating mode flashes at the **switching actuator**.


2. Press the "Funktion" button on the **switching actuator** several times until the LED of the desired function flashes.


3. Press the "Progr." button on the **switching actuator** for 3 seconds until the LED next to the button flashes.




4. For 3 seconds, press the push button connected to the **push button interface** that you wish to assign to the switching actuator.

✓ The LED of the push button interface first lights up red and then, after 3 seconds, it briefly lights up green.
When the button is released after 3 seconds, the LED lights up green for approx. 1 second as confirmation.


5. Press the "Systemprogr." button on the **control device** to exit the programming mode.

**Automatic assignment**

In the state of delivery of the DRA switching actuator and the push button interface, the inputs of the push button interface are automatically assigned to the switching actuator. If the switching actuator or the push button interface is programmed on a different device, this assignment is lost.

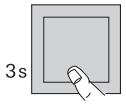
## Assign the push button interface to a flush-mounted switching actuator


1. Start programming mode at the **control device** by pressing the "Systemprogr." button for 3 seconds until the LED next to the button starts flashing.

✓ On the **flush-mounted switching actuator,** the LED flashes green and shows the currently active operating mode.


2. Press the "Fkt./Progr." button on the **flush-mounted switching actuator** several times until the LED flashes green with the frequency of the desired operating mode.


3. Press the "Fkt./Progr." button on the **flush-mounted switching actuator** for 3 seconds until the LED flashes red.




4. For 3 seconds, press the push button connected to the **push button interface** that you wish to assign to the switching actuator.

✓ The LED of the push button interface first lights up red and then, after 3 seconds, it briefly lights up green.
When the button is released after 3 seconds, the LED lights up green for approx. 1 second as confirmation.


5. Press the "Systemprogr." button on the **control device** to exit the programming mode.

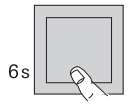
**Automatic assignment**

In the state of delivery of the flush-mounted switching actuator and the push button interface, the inputs of the push button interface are automatically assigned to the switching actuator. If the switching actuator or the push button interface is programmed on a different device, this assignment is lost.

## Restoring the state of delivery

In the state of delivery, the inputs of the push button interface are automatically assigned to an unprogrammed switching actuator (if present). As soon as an input has been assigned to e.g. a home station, the automatic assignment for this input no longer exists. If an input of the push button interface is reset to the state of delivery, proceed as follows:


1. Start programming mode at the **control device** by pressing the "Systemprogr." button for 3 seconds until the LED next to the button starts flashing.




2. At the **push button interface**, press the button connected to the corresponding input for 6 seconds.

✓ The LED of the push button interface lights up red. The LED lights up green briefly after 3 seconds. Keep the button pressed for a further 3 seconds until the LED lights up green again for 1 second.


3. Press the "Systemprogr." button on the **control device** to exit the programming mode.

## Technical Data

| | |
|---|---|
| Power supply: | 26 V DC ± 2 V (bus voltage) |
| Dimensions: | L x W x H 43 x 28 x 15 mm |
| Temperature range: | -5 °C to +50 °C |

## Warranty

The warranty is provided in accordance with statutory requirements via the specialist trade.

Please submit or send faulty devices postage paid together with an error description to your responsible salesperson (specialist trade/ installation company/electrical specialist trade).

They will forward the devices to the Gira Service Center.