

MINISFERA Audio pushbutton panel

342702

Description

2 WIRE speaker module to be used in audio systems.

Preset for 6 calls (expandable), it must be fitted with surround plate (332721) and keys (332712, 332713, 332714, 332715), according to personal installation requirements.

The device must be configured depending on the type of key used.

The Loudspeaker volume and the sensitivity level of the microphone may be adjusted using the corresponding potentiometers. The name plates are illuminated by green LEDs. The dedicated jumpers can be removed to enable the following functions: Staircase light switching on with dedicated key, and exclusion of the confirmation of the call from the entrance panel.

The speaker module may be used to open an electric door lock connected using the S+ and S- clamps (18 V 4 A impulsive, 250 mA holding current 30 Ω max).

Related items

332710 (flush mounted box)

332711 (surface-mounted box)

332712 (narrow key 1 module with name label)

332713 (wide key 2 modules with name label)

332714 (2 modules nameplate with label)

332715 (1 module false key - grey)

332721 (aluminium surround plate)

346250 (relay module to control door lock not managed by BUS SCS)

Technical data

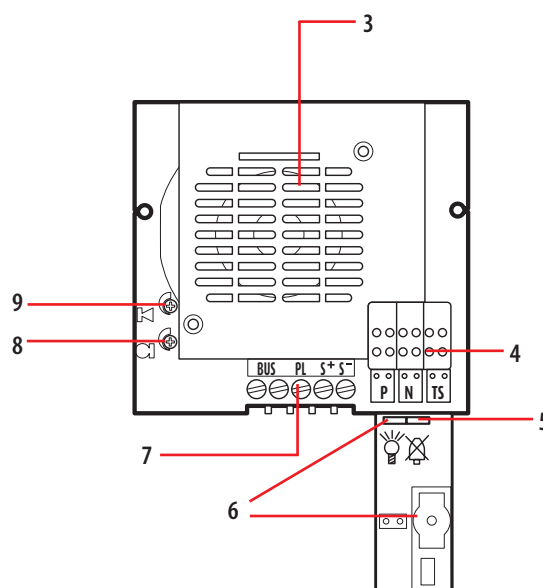
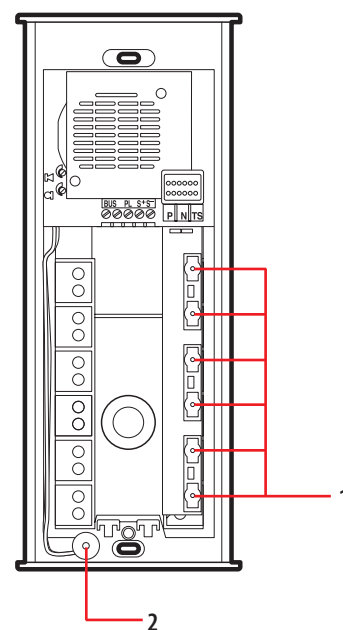
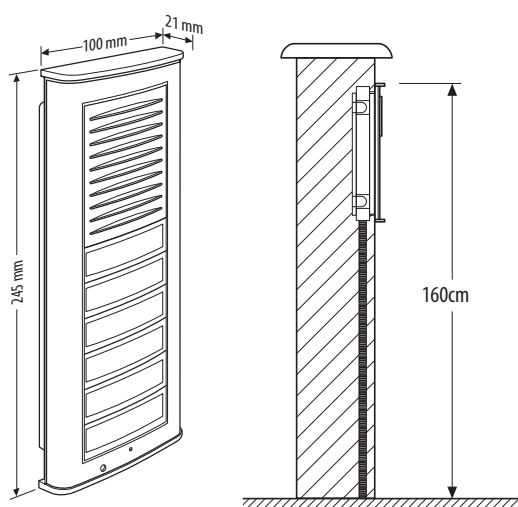
Power supply from SCS BUS: 18 - 27 Vdc

Stand by absorption: 40 mA

Max. operating absorption: 90 mA

Operating temperature: (-25) - (+70)°C

Dimensional data



Legend

- 1 - Call keys
- 2 - Microphone
- 3 - Loudspeaker
- 4 - Configurator socket
- 5 - Entrance panel call sound exclusion (remove the jumper to enable)
- 6 - Staircase light switching on with dedicated key (remove the jumper to enable)
- 7 - Clamps for BUS connection, door lock and local pushbutton.
- 8 - Microphone sensitivity adjustment
- 9 - Loudspeaker volume adjustment

Configuration

The device must be configured (only physically) as follows:

P - entrance panel number

The configurator in socket P of the speaker module assigns to this a recognition number inside the system. The numbering of the entrance panels must always start from P=0. The entrance panel configured with P=0 must be a common (or main) entrance panel.

N - call number

Assigns the correspondence between the entrance panel pushbuttons, and the audio handsets.

In common entrance panels made using pushbutton modules, 1 must be inserted in N of the speaker module. In secondary entrance panels, the number of the first riser handset must be inserted in N.

T - Door lock relay timing

configurator number

0= No configurator	1	2	3	4*	5	6	7
4 sec.	1 sec.	2 sec.	3 sec.	as pushbutt.	6 sec.	8 sec.	10 sec.

* **Operation as pushbutton for 10 sec. max**, after which standby mode is activated. To extend operation time over 10 seconds, use actuator 346210 configured with **MOD=5**.

S - type of call signal

The configuration of S determines the call tone of handsets.

One can thus differentiate the calls from different entrance panels.

For the Classe 100 and Classe 300, S associates the entrance panel to the bell programmed in the handset. It is possible to chose between 16 different preset bells.

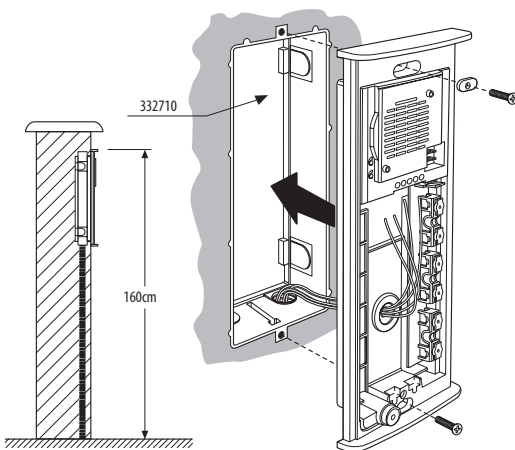
For the SPRINT L2 handsets, S sets the call ringtone, according to the following table:

Configurator	0	1	2	3
Type of bell	2-tone	2-tone	2-tone	One-tone
	1200 Hz	1200 Hz	1200 Hz	1200 Hz
	600 Hz	0 Hz	2400 Hz	

In one-family systems S=9 to configure the general call.

Installation

Flush mounted installation



Inside the MINISFERA audio speaker module are JUMPERS that can be used for performing the following functions:

• **Jumper** - EP call confirmation

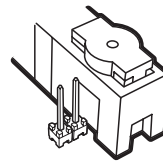
To eliminate the entrance panel call confirmation sound remove the JUMPER .

• **Jumper** - staircase light switching on with call key

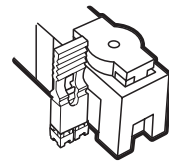
To switch on the staircase the light from the entrance panel using the last call key, remove the JUMPER .

• **Jumper – call pushbutton exclusion**

Connect the jumper to exclude the call pushbutton.

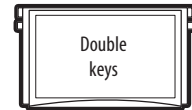
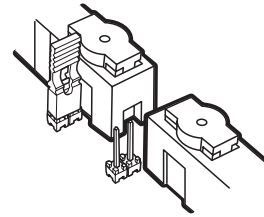


call pushbutton enabled



call pushbutton disabled

NOTA: disable the pushbuttons based on the false poles, and the single, or the double keys connected.



Example - To use the double key the upper level call must be disabled.

Wall mounted installation

