SFERA CLASSIC,
speaker module for audio systems

342150

Description

Speaker module for 2 WIRE system.
It is possible to connect to this device nameplate modules (342200), or pushbutton modules (342240). It can be used to install audio systems with up to 56 handsets.
It is possible to connect to this device one electric door lock that may be powered by the item 336842 transformer placed nearby the speaker module.

Related items

332111 (speaker module front cover, 1 pushbutton - Allmetal)
332121 (speaker module front cover, 2 pushbuttons - Allmetal)

For the use of monobloc front covers refer to the catalogue.
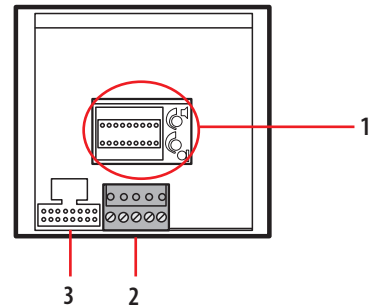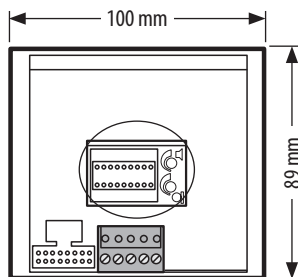
Technical data

Power supply from SCS BUS: 18 – 27 Vdc
Stand by absorption: 25 mA
Max. operating absorption: 75 mA
Operating temperature: (-25)-(+70)°C

Dimensional data

Legend

1 - Configurator socket and potentiometers for the adjustment of the microphone and loudspeaker volumes.
3 - Connector socket, for connection to the BUS, the electric door lock, and the entrance hall door lock release pushbutton.
2 - Connector socket, for connection to the nameplate module or the pushbutton module.

Configuration

The device must be phisically configured 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 the common entrance panels made with pushbutton modules, 1 must be inserted in N of the speaker module. The number of the first riser handset must be inserted in the local entrance panels 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.

S - type of call signal

The configuration of S determines the call tone of SPRINT - SPRINT L2 handsets. One can thus differentiate the calls from different entrance panels.

Table for SPRINT - SPRINT L2 handset call signal

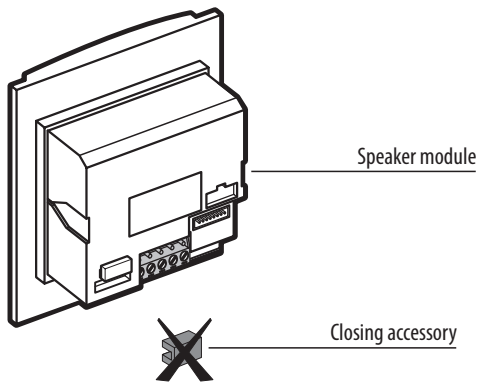| Configurator	0	1	2	3
Type of bell	2-tone	2-tone	2-tone	One-tone
	1200Hz	1200Hz	1200Hz	1200Hz
	600Hz	0 Hz	2400Hz	

For the CLASSE 100, SWING, PIVOT, POLYX and AXOLUTE handsets, the S configurator associates the Entrance panel to the bell programmed in the handset.

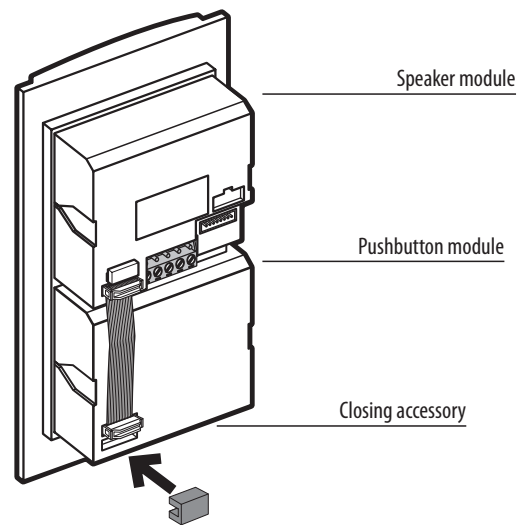It is possible to chose between 16 different bells.

In one-family systems, **S=9 configures the general call** and the handsets ring, the same as with the S=0.

Installation and connection

Supplied as standard with the speaker module is a closing accessory with connector.
The accessory must be fitted in the last pushbutton module of the pushbutton panel,
after connecting the modules to each other using the multicables with connectors.
It must not be used if the pushbutton panel only consists of a 1 or 2 pushbutton speaker
module, in addition to a camera module that may be installed.

Speaker module

Closing accessory

Example – entrance panel only consisting of the Speaker module. It does not
require the accessory.

Speaker module

Pushbutton module

Closing accessory

Example – entrance panel consisting of the speaker module and 4 keys: the
accessory must be fitted.

- In order to connect several key modules vertically on different columns, 346902 must
  be used (see Example), and the closing accessory must be fitted in the last module.

346902

Closing accessory

Example - connection of
pushbutton panel.