

DOOR STATION

1 CALL BUTTON, FLUSH



when communication is **critical**

FEATURES

- **Built-in loudspeaker and microphone**
- **Outdoor use**
- **1 call button, moving steel key**
- **Easily programmable via internal switches**
- **Front plate is made of 1.5 mm stainless steel**
- **Built-in relay for control of camera, door lock, etc.**
- **External 20 Ohms loudspeaker can be connected**
- **For flush mounting and comes with a light backbox for EMC protection**

DESCRIPTION

Operation

The call button can easily be programmed to offer a number of different call functions. The following calling alternatives are available.

1: Door Bell

A signal is audible in the receiving stations when the call button is pressed in AB731A-F. The call can be accepted in the receiving full keypad master stations, by pressing the "5" button. A total of 19 master stations (maximum) can receive this Door Bell call.

If the Door-Bell call is not accepted within 30 seconds or 2 minutes, the door bell call is automatically cancelled. A typical function for entrance control to a building with many receiving stations inside.

2: Call request. (CAS, Central Answering Service)

A signal is audible in the receiving stations when the call button is pressed in AB731A-F. The call can be accepted in the receiving full keypad master stations, by pressing the "0" button. A total of 3 master stations can receive this call request.

The calling AB731A-F stations are queued until answered, with no time limits. A maximum of 19 AB731A-F stations can be queued. A typical function in a surveillance system with calls to one guard position

3: Direct call to numbers 13, 19, 29, 39 or 49

The conversation can be limited to 30 seconds via switch programming, if nobody is inside to answer the direct call. The call will then be automatically disconnected after 30 seconds

4: Emergency call

Press and keep down the call button. All stations programmed to receive group call no.2, will now receive the message. The connection is cancelled when the call button is released. The stations can receive incoming calls from all the other stations in the system.



ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
AB731A-F	Door Station, 1 call button, surface	0.9 kg

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SPECIFICATIONS

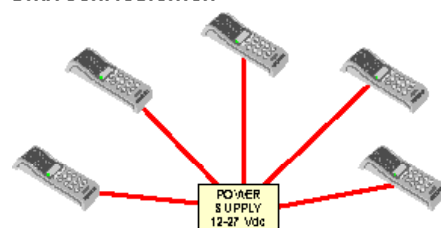
Total number of stations	20
Operating voltage	12-27 VDC
Power consumption	Min. 30 mA Max. 200 mA 500 mA
With external loudspeaker	
Frequency range	100 - 5000 Hz
Output	3 W
Type of signalling	32 kHz ASK
Volume control	23 dB
Dimensions (DXWXH)	65 x 130 x 220 mm
Max. cable length from power supply on 0.6 mm cable	12 VDC: 100 m 18 VDC: 300 m 24 VDC: 500 m
Maximum permitted cable capacitance	87 nF
Material	Stainless steel
Cable connection	Screw terminals
CE certification	EN 50081-1 Radiation EN 50082-1 Immunity

PRO700SYSTEM



CONNECTION

STAR CONFIGURATION



BUS CONFIGURATION

