

# TAMPER RESISTANT SUBSTATION

1 CALL BUTTON, SURFACE



when communication is **critical**

## FEATURES

- **Built-in loudspeaker and microphone**
- **Indoor use**
- **1 call button, moving steel key**
- **Easily programmable via internal switches**
- **Front plate is made of 2 mm stainless steel**
- **Built-in relay for control of camera, door lock, etc.**
- **External 20 Ohms loudspeaker can be connected**
- **It comes with a light back box 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 AB731F. 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 AB731F. 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 AB731F stations are queued until answered, with no time limits. A maximum of 19 AB731F 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.



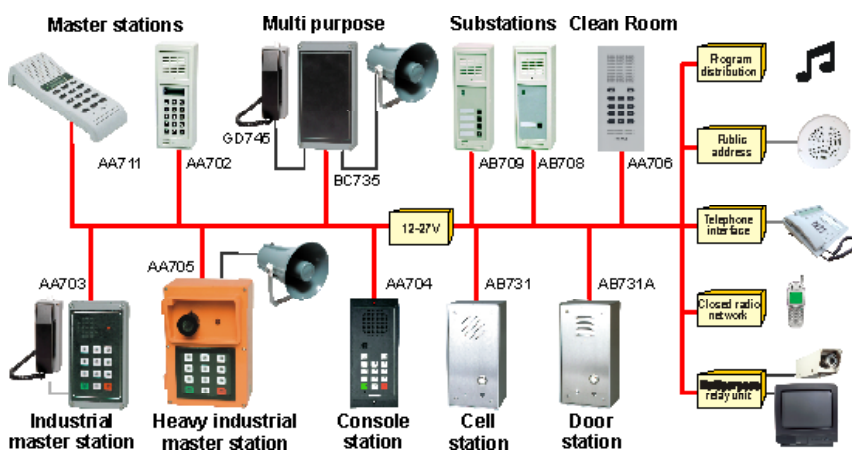
| ORDER NUMBER | DESCRIPTION                                     | SHIP WEIGHT |
|--------------|---|-------------|
| AB731F       | TamperResistant Station, 1 call button, surface | 0.9 kg      |

## TAMPER RESISTANT SUBSTATION, 1 CALL BUTTON, SURFACE

### SPECIFICATIONS

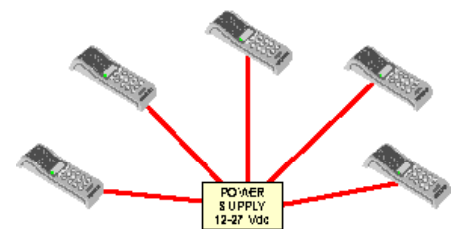
|                                     |   |
|-------------------------------------|---|
| Total number of stations            | 20  |
| Operating voltage                   | 12-27 VDC                                       |
| Power consumption                   | Min. 30 mA<br>Max. 200 mA<br>500 mA             |
| With external loudspeaker           |   |
| Frequency range                     | 100 - 5000 Hz                                   |
| Output                              | 3 W   |
| Type of signalling                  | 32 kHz ASK                                      |
| Volume control                      | 23 dB   |
| Dimensions (DXWXH)                  | 60 x 130 x 220 mm                               |
| Max. cable length                   | 12 VDC: 100 m<br>18 VDC: 300 m<br>24 VDC: 500 m |
| Maximum permitted cable capacitance | 87 nF   |
| Material                            | Stainless steel                                 |
| Cable connection                    | Screw terminals                                 |
| CE certification                    | EN 50081-1 Radiation<br>EN 50082-1 Immunity     |

### PRO700SYSTEM



### CONNECTION

#### STAR CONFIGURATION



#### BUS CONFIGURATION

