EN 81.72 FIREFIGHTER INTERCOM AND EVACUATION SYSTEM

Meets the EN 81.72 requirements

Meets the italian DM 15/09/2005 requirements

Easy installation

3 wire bus cabling

Integrated battery backup

FireCom

The firefighter intercom system FireCom is composed by four different units. A lobby speaker unit with a triangular key for the installation at the fire fighter landing platform (normaly the building lobby), a speaker unit for the installation inside the lift cabin, a speaker unit for the machine room containing the power supply and battery and one speaker unit for up to 50 floors, if required. All the units are connected together using a 3 wire bus cabling system.
As required the speaker unit are available for wall or flush mounting installation, as well as for a installation behind a panel (i.e. in the lift cabin). The FireCom fire fighter intercom system is a stand alone communication system to be used as a supplement to an EN 81-28 emergency lift phone.
The intercom system is activated using the triangular key. After activation all the connected device will send an alarm tone and the call button will flash. A speech connection between lobby, machine room and lift cabin is esthablished automatically. If now a button at the floor unit is activated a speech connection will be es thablished with the lift cabin. If a further floor unit activates a call and the cabin unit is busy with another floor conversation, the new call will be signalized with an optical and acusitcal signal and put into a FIFO waiting queue. Pressing now the speech button in the lift cabin will terminate the actual connection and answer the first call in the queue. If no more floor call are in the queue the normal speech connection with machine room and lobby is restabilshed. During all the time the machine room and lobby units can listen to the conversation, and, if needed, talk pressing the press-to-talk button on the device.

Features and technical data

Standard features

Lobby speaker unit

- Stainless steel plate with optional flush mounting case
- Stainless steel protection grid for microphone and loudspeaker
- Vandal proofed stainless steel press-to-talk button with red LED status indicator
- Triangular key for activation and lift switch to fire fighter mode
- Conference conversation with cabin and machine room with press-to-talk function

Floor speaker unit

- Stainless steel plate with optional flush or wall mounting case
- Stainless steel protection grid for microphone and loudspeaker
- Vandal proofed stainless steel call button with red LED status indicator
- Bidirectional conversation with cabin and automatic queueing

Machine room speaker unit with power supply

- ABS casing with speaker and power supply unit including battery. Also a version without PSU and battery is available for installation in control room beside the machine room
- Stainless steel plate with vandal proofed stainless steel press-to-talk button with red LED status indicator
- Conference conversation with cabin and lobby with press-to-talk function

Cabin speaker unit

- Stainless steel case for installation behinde a plate
- Can answer floor calls with automatic queueing for no answered calls
- Acustical and optical indicators for new incoming calls and calls in te queue
- Conference conversation with cabin and lobby

Floor speaker unit

Cabin speaker unit for installation behind a panel

Technical data

- Power supply: 230 Vac. Backup battery 12 V/2 Ah.
- Status indicator: Buttons with red ring LED illumination indicating: activation, incoming call, sent call, speech connection
- Plates: 2 mm 316L stainless steel
- Dimensions lobby speaker unit HxWxD: 307 x 123 x 2 mm
  flush mountig case (lobby) HxWxD: 297 x 102 x 45 mm
- Dimensions floor speaker unit HxWxD: 215 x 123 x 2 mm
  flush mountig case (lobby) HxWxD: 297 x 102 x 45 mm
- Dimensions machine room speaker unit HxWxD: 280 x 225 x 120 mm
- Dimensions cabin speaker unit HxWxD: 94 x 86 x 22 mm
- Enviromental: +5° bis +40°C operational temperature; 30-90% umidity without condensing
- Electrical security: meets the EN60950-1:2001 requirements
- EMC: meets the EN 12015 and EN 12016 requirement
- Further requirements: EN81:72; DM 15/09/2005

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