

FXN538LPS, FXN538LPSWP - Intelligent addressable wall sounders



Two versions of the intelligent addressable wall sounder are available in this range, the internal FXN538LPS and the weatherproof FXN538LPSWP.

Both the FXN538LPS and the FXN538LPSWP are compatible with Eaton's range of intelligent addressable fire systems.

The high efficiency design of these intelligent addressable wall sounders offer excellent sound output levels despite the low current consumption.

FXN538LPS

This device is designed for wall mounting, has a choice of different tones and volume levels, a built in short circuit isolator and is soft addressed for ease of installation.

FXN538LPSWP

This device is IP66 rated and therefore suitable for external and wash down areas, it is designed for wall mounting, has a choice of different tones and volume levels, a built in short circuit isolator and is soft addressed for ease of installation.

Features and benefits

- Loop powered
- Soft addressed
- Integral short circuit Isolator
- High efficiency design
- Simple clip fixing assembly
- Two models available
 - Internal
 - Weatherproof
- Quick and simple to install
- Low current consumption
- Selectable tone controlled by the panel
- Adjustable volume controlled by the panel
- First fix back box
- IP65 version available
- Easy to maintain/service

Technical specification

Code	FXN538LPS	FXN538LPSWP
Description	Internal wall sounder	Weatherproof wall sounder
Standards	EN54 Pt3	EN54 Pt3
Specification		
Operating voltage	17V dc to 32V dc	17V dc to 32V dc
Standby current	< 320µA	< 320µA
Tones (set by panel)	Continuous: 984Hz Pulsed: 984Hz / 0Hz pulse 1Hz Two tone: 644 / 984Hz at 1Hz cycle Slow whoop: 500-1200Hz in 3.5 seconds/0.5secs gap	Continuous: 984Hz Pulsed: 984Hz / 0Hz pulse 1Hz Two tone: 644 / 984Hz at 1Hz cycle Slow whoop: 500-1200Hz in 3.5 seconds/0.5secs gap
Sound output at +/-3db (Set by panel)	Low volume : 87dB at < 2mA Medium volume : 93dB at < 3mA High volume: 100dB at < 6mA	Low volume : 87dB at < 2mA Medium volume : 93dB at < 3mA High volume: 100dB at < 6mA
Environmental		
Operating temperature	-10°C to +55°C	-10°C to +55°C
Humidity (non condensing)	0 to 95% RH	0 to 95% RH
Physical		
Construction	PC/ABS	PC/ABS
Colour	Red	Red
Dimensions (H x W x D)	105mm x 105mm x 95mm	108mm x 108mm x 103mm
Weight	0.25kg	0.57kg
Ingress protection	IP42	IP66
Cable entry	Rear/side	Rear/side
Compatibility		
Suitable for use with	JSB intelligent addressable fire systems	JSB intelligent addressable fire systems

Installation

FXN538LPS

1. Installation is simple using first fix base.
2. First fix base is fixed to mounting surface using 2 fixing holes.
3. Cable entry can be rear or side.
4. Connections are to connector block on main sounder body.
5. Main body is then clipped into position on mounting base, body locks into position when pressed home.

FXN538LPSWP

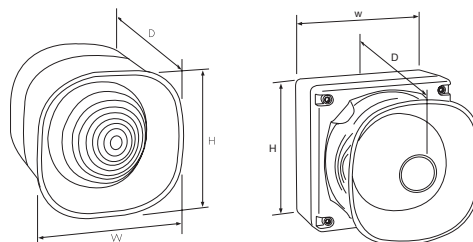
1. Installation is simple using first fix base.
2. First fix base is fixed to mounting surface using 2 fixing holes.
3. Cable entry can be rear or side.
4. Connections are to connector block on main sounder body.
5. Main body is then fastened onto base, using 4 allen head screws (supplied).

System functionality

FXN538LPS/FXN538LPSWP

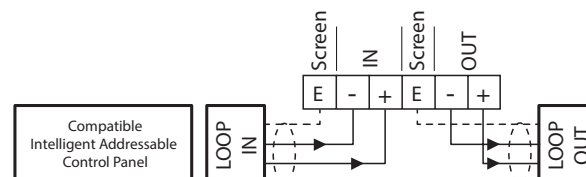
1. Volume is set by fire control panel, no need to access sounder to alter setting.
2. Tone is set by fire control panel, no need to access sounder to alter setting.

Dimensions



Description	H (mm)	W (mm)	D (mm)
Internal	105	105	95
Weatherproof	108	108	103

Standard connections



WARNING:

Do NOT use high voltage testers if ANY equipment is connected to the system.

Screen (Earth) must be continuous along entire length of loop.

Catalogue numbers

Description	Code
Internal wall sounder	FXN538LPS
Weatherproof wall sounder	FXN538LPSWP