EvacGo

Open Area Sounder

Product Information

The EvacGo open area sounder is designed for use in open-areas, and includes features such as group and individual control, and status reporting

The open are sounders offer 6 EN 54-3 approved volume levels to choose from, as well as one non-approved volume level for specialist applications, all configured through the EvacGo control panel.



Features

- Adjustable tone and volume (15 tone pairs, seven volume levels)
- Software defined group addressing with up to 16 group addresses
- Alarm switching by individual device, by group address or of all individual devices on the loop
- Built-in controllable isolator
- Set-up and testing of devices at point of installation
- Unique acoustic self test

Standards and Approvals

- EN 54-3:2001 +A1:2002 +A2:2006 - Sounders
- EN 54-3:2014 +A1:2019 - Sounders
- EN 54-17:2005 - Short circuit isolators
- EN IEC 63000:2018 - Hazardous substances
- BS EN 61000-6-3:2007 +A1:2011 - Electromagnetic compatibility
- BS EN 50130-4:2011 +A1:2014 - Electromagnetic compatibility

Order Codes and Options

EVAC-SNDR/R	Open area sounder (Red)
EVAC-SNDR/W	Open area sounder (White)
EVAC-MB/R	Sounder mounting base (Red)
EVAC-MB/W	Sounder mounting base (White)

Specification

Supply voltage	17V - 35V dc
Quiescent current	890µA
Alarm current, LED on	5.95mA (max volume at 24V)
Alarm current at each volume	Volume 7: 5.95mA
	Volume 6: 5.20mA
	Volume 5: 4.50mA
	Volume 4: 3.75mA
	Volume 3: 3.10mA
	Volume 2: 2.35mA
	Volume 1: 1.65mA (Not an EN 54-3 approved volume level)
Maximum sounder output at 90° at 1m	101dB(A)
Operating temperature	-10°C to +55°C
Storage temperature	-10°C to +55°C
Humidity	0% to 95% RH (No condensation or icing)
IP rating	IP21C
Dimensions	113mm diameter x 65mm deep
Weight	178g
Materials	Housing: White or red flame-retardant polycarbonate
	Terminals: Tin plated stainless steel

Note: All data is supplied subject to change without notice. Specifications are typical at 24V, +25°C and 50% RH unless otherwise stated.

The right tone for the installation

The EvacGo open area sounder offers a choice of 15 evacuation tones. A tone is selected during commissioning in order to suit local regulations or customs.

Whichever evacuation tone is selected there is a secondary tone which may be used for alerting or warning of a possible evacuation.

The right level of sound

The sounder is set during commissioning to one of seven levels of sound, the highest level being nominally 101 db(A) at 1m.

At less than 60 db(A) the lowest level falls outside the scope of the EN 54 standard. It has been included to provide a very local warning for the use of personnel in particular environments, such as nurse stations in hospitals.

Location specific volume setting

Detectors and sounder indicators are installed in many different types of environment.

When configuring the EvacGo open area sounder devices the adjustment of the volume can be done at the point of installation.

The commissioning engineer simply sets the control panel to ‘Set-up’ and then walks from one device to the next to set the required volume, using a magnetic wand. When all devices have been set the engineer simply presses a button on the control panel which then registers all the individual volume settings.

EMC Directive 2014/30/EU

The EvacGo open area sounder complies with the essential requirements of the EMC Directive 2014/30/EU, provided that it is used as described in this data sheet.

Conformity of the open area sounder with the EMC Directive, does not confer compliance with the directive on any apparatus or systems connected to them.

Construction Products Regulation (EU) 305/2011

The Intelligent Open-Area Sounder complies with the essential requirements of the Construction Products Regulation (EU) 305/2011.

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.