

Surface Sounders MWS424SB and MWS424DB



MWS424DB weatherproof surface sander



MWS424SB low profile surface sander



low profile base



weatherproof base

Overview

These general purpose conventional surface sounders have been specifically designed to work with Menvier conventional control panels.

MWS424SB

The MWS424SB is a low profile surface sander.

Volume is adjustable via the internal volume control and 32 different alarm tone selections are provided.

Depending on the selected tone, sound levels of up to 105dB(A) can be achieved.

MWS424DB

The MWS424DB is a weatherproof (IP65) surface sander.

Volume is adjustable via the internal volume control and 32 different alarm tone selections are provided.

Depending on the selected tone, sound levels of up to 105dB(A) can be achieved.

Features

MWS424SB

- Low profile design
- Pre drilled cable entries
- 32 selectable tones

MWS424DB

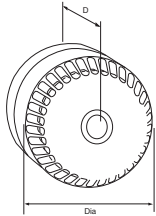
- Weatherproof version (IP65)
- Choice of cable entry positions
- 32 selectable tones

Benefits

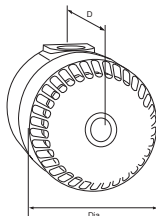
- Low current, high sound output
- Suitable for a wide range of applications
- Automatic synchronisation

Conventional Surface Sounders - MWS424SB and MWS424DB

Dimensions



Low profile surface sounder



Weatherproof surface sounder

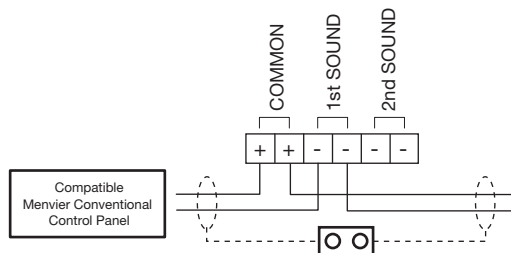
Description	Dia (mm)	D (mm)
Low profile surface sounder	93	63
Weatherproof surface sounder	93	93

Technical Specification

Code	MWS424SB	MWS424DB
Description	Low profile surface sounder	Weatherproof surface sounder
Standards	EN54 Pt3	EN54 Pt3
Specification		
Operating Voltage	9V dc to 28V dc	9V dc to 28V dc
Current Consumption	16mA at 24V dc	16mA at 24V dc
Sound Output	105dB(a) max (+/-2) at 24V dc	105dB(a) max (+/-2) at 24V dc
Number of Tones	32	32
Environmental		
Operating Temperature	-25°C to +70°C	-25°C to +70°C
Humidity (Non Condensing)	0 to 93% RH	0 to 93% RH
Physical		
Construction	PC/ABS	PC/ABS
Colour	Red	Red
Dimensions (Dia x D)	93mm x 63mm	93mm x 93mm
Weight	0.24kg	0.3kg
Ingress Protection	IP54	IP65
Cable Entry	Rear	Rear/side
Compatibility		
Suitable for use with	Menvier conventional fire systems	Menvier conventional fire systems

Standard Connection

MWS424SB / MWS424DB



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

Screen (Earth) must be continuous along entire length of cable

NOTE:
Diagram shown with 1st sound connected, if 2nd sound is required connect both negative in and negative out to the second sound terminal.

Installation

MWS424SB

1. Supplied with simple to install first fix mounting base.
2. Fixing and cable entry holes are pre-drilled.
3. Cable entry is from rear.
4. Connections are to main sounder body.
5. Separate zone in and zone out terminals are provided.
6. Main body is pushed into sounder base and then twisted to lock into place.

MWS424DB

1. Supplied with simple to install first fix mounting base.
2. To maintain weatherproof integrity, fixing holes are drilled upon installation.
3. Cable entry can be rear or side.
4. Connections are to main sounder body.
5. Separate zone in and zone out terminals are provided.
6. Main sounder body is pushed into mounting base and twisted to lock.

Interface Options

MWS424SB / MWS424DB

1. Operates from nominal 24V dc supply and can be connected to any suitably rated conventional sounder circuit.

Options

MWS424SB / MWS424DB

1. Choice of tone setting (set via DIP switches can be altered at any time).

Product Codes

Code	Description
MWS424SB	Conventional low profile surface sounder
MWS424DB	Conventional weatherproof surface sounder