

FX006, MWB824 - Conventional bells



The conventional 6 inch bell, FX006, incorporates highly efficient rotary centrifugal movements combining high sound output with low current consumption.

The FX006 is compatible with the Eaton range of conventional fire systems.

Bells still remain a popular choice for many applications such as schools where they can sometimes be used as a signal for non fire purposes such as class change.

The MWB824 is a weatherproof 8 inch bell that can be used for external use. The MWB824 enables a common bell sound to be achieved throughout a complete site, including areas where a weatherproof device is required.

Features and benefits

- High sound output
- Low current consumption
- Multi-fixing base plate
- Quick and simple to install
- Can be used for non fire applications
- Easy to maintain/service

Specifier's guide

4.3 Accessories

Technical specification

Code	FX006	MWB824
Description	Internal 6 inch bell	Weatherproof 8 inch bell
Standards	EN54 Pt3 2001	EN54 Pt3 2001
Specification		
Operating voltage	24V dc	24V dc
Current consumption	25mA at 24V dc	28mA at 24V dc
Sound output	93-95dB(A) at 24V dc	95dB(A) (+/-2)
Environmental		
Operating temperature	-10°C to +55°C	-10°C to +55°C
Humidity (non condensing)	0 to 93% RH	0 to 93% RH
Physical		
Construction	Gong-steel/base-polycarbonate	Stove enamelled
Colour	Red	Red
Dimensions (Dia x D)	152mm x 63mm	200mm x 104mm
Weight	0.85kg	0.49kg
Ingress protection	IP21C	IP54
Cable entry	Rear	Via separate back box
Compatibility		
Suitable for use with	Eaton conventional fire systems	Eaton conventional fire systems

Installation

FX006

- Multiple rear fixing options, can be fixed direct to wall or mounted on suitable BESA box.
- Cable entry into bell is from rear.
- Incorporates heavy duty terminals suitable for 2.5mm cables.

MWB824

- Supplied with heavy duty gasketed back box which supports bottom entry cables.
- Incorporates heavy duty terminals

Device functionality

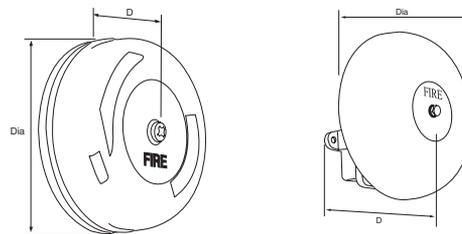
FX006

- Operation is driven by an internal motor and striker arrangement.
- Bells are polarised and suppressed.

MWB824

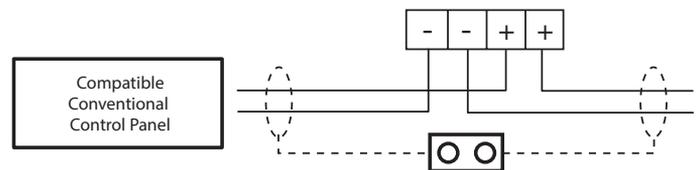
- Bell operates via solenoid.
- Bell is polarised and suppressed.

Dimensions



Description	Dia (mm)	D (mm)
6 inch internal bell	152	63
8 inch weatherproof bell	200	104

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 cable

Catalogue numbers

Description	Code
Internal 6 inch bell	FX006
Weatherproof 8 inch bell	MWB824