

# MLB124SB, MLB124DB - Conventional LED indicators



The LED indicators can still provide reliable light indication in areas which do not have to meet the new regulations regarding EN54-23 visual alarm devices.

The low profile, MLB124SB, is simple to install, and offers a reduced depth with pre-drilled fixing and cable entry holes, suitable for both wall or ceiling mounting.

The weatherproof variant, MLB124DB, is IP65 rated making them ideal for both outdoor and industrial applications.

Both the low profile and weatherproof indicators utilise 18 carefully positioned LEDs to provide a high intensity output. Both output intensity and flash frequency is selectable using internal DIP switch.

## Features and benefits

- The MLB124SB has an unobtrusive low profile design
- The MLB124DB is the weatherproof variant with an IP65 rating
- Low power consumption LED's
- Choice of flash frequency
- Choice of power settings
- Pre drilled cable entries on the MLB124SB and a choice of cable entry positions on the MLB124DB.
- Low power requirement
- Selectable flash frequency
- Selectable flash intensity

# Specifier's guide

## 4.3 Accessories

### Technical specification

Code	MLB124SB	MLB124DB
<b>Description</b>	Low profile LED indicator	Weatherproof LED indicator
<b>Specification</b>		
Operating voltage	18V dc to 30V dc	18V dc to 30V dc
Current consumption	3 to 6mA at 24V dc (depending on power setting)	3 to 6mA at 24V dc (depending on power setting)
Flash rate	1Hz (Switchable to 0.5Hz)	1Hz (Switchable to 0.5Hz)
<b>Environmental</b>		
Operating temperature	-10°C to +55°C	-10°C to +55°C
Humidity (non condensing)	0 to 93% RH	0 to 93% RH
<b>Physical</b>		
Construction	PC/ABS	PC/ABS
Colour	Red	Red
Lens colour	Red	Red
Dimensions (Dia x D)	95mm x 53mm	95mm x 80mm
Weight	0.1kg	0.15kg
Ingress protection	IP54	IP65
Cable entry	Rear	Rear/side
<b>Compatibility</b>		
Suitable for use with	Eaton conventional fire systems	Eaton conventional fire systems

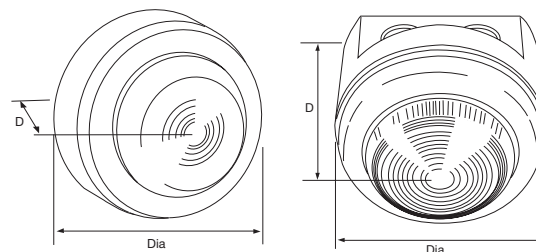
### Installation

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 on MLB124SB and both rear and side on MLB124DB.
4. Connections are to main beacon body.
5. Separate alarm line in / out terminals are provided.
6. Main body is pushed into base and then twisted to lock into place.

### Interface options

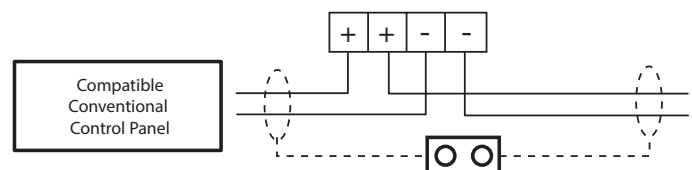
Operates from nominal 24V dc supply and can be connected to any suitably rated conventional sounder circuit.

### Dimensions



Description	Dia (mm)	D (mm)
Low profile LED indicator	95	53
Weatherproof LED indicator	95	80

### 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
Low profile LED indicator	MLB124SB
Weatherproof LED indicator	MLB124DB