COOPER Safety
Fire Systems

EN54

Standard Base MDB800

Suitable detectors for use with the MDB800 standard base

MPD821 optical detector

MPT951 photo-thermal detector

MFR830, MMT860, MHT890 heat detectors

MDB800 standard base

Overview

The MDB800 Menvier conventional base has been specifically designed to be compatible with the Menvier range of conventional detectors.

This standard base has been designed for flexibility, simplicity and speed of installation.

It incorporates purpose designed devices to provide fault warning if detector is removed whilst maintaining full zone wiring integrity.

The base has a spring contact switch and a parallel zener diode to enable fault monitoring.
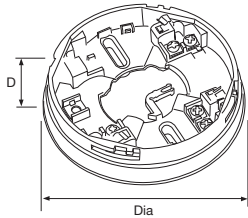
Features

- Quick and simple to install
- Separate zone in and zone out terminals
- Stand off fixing feature
- Selectable detector locking

Benefits

- Accepts side entry surface cables
- Common base for Menvier conventional detectors

MENVIER

Dimensions

Dia (mm)	D (mm)
104	22

Technical Specification

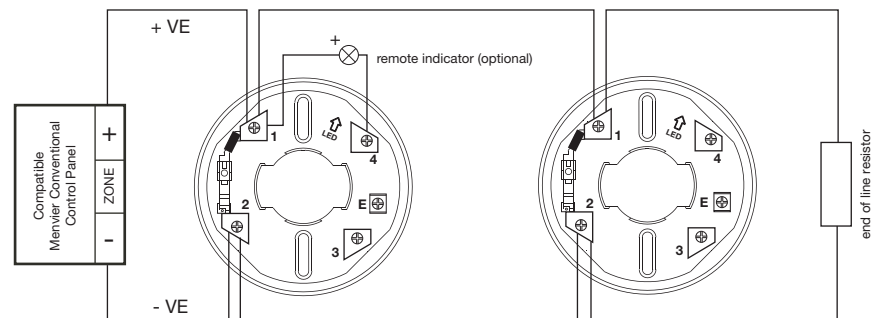| Code	MDB800
Description	Standard base
Physical	
Construction	PC/ABS
Colour	White
Dimensions (Dia x D)	104mm x 22mm
Compatibility	
Suitable for use with	Menvier conventional detectors

Installation

1. Base incorporates a retaining clip to provide positive feedback when detector is correctly fitted.
2. Separate terminals are provided for zone in and zone out connections.
3. Each terminal can accept up to 2 x 2.5mm cables
4. Base incorporates a substantial cable entry aperture in the rear of the base.
5. Breakouts are provided to enable the detector base to sit neatly over surface cables and then enter via the rear entry aperture.
6. Base mounting incorporates a stand off feature to help prevent distortion when mounted on an uneven surface.
7. Fixings are suitable for standard BESA box or direct fixing to suitable surface
8. Optional locking devices (supplied with base) to prevent unauthorised detector removal.

Interface Options

1. Menvier conventional detectors and bases support the use of a remote LED (optional extra CIR301).

Standard Connection

WARNING:
If using the outer connection on terminal 2, ensure the operation of the switch is not impeded and that there are no shorts between terminal 2 and the switch contact - use sleeves for end of line resistor. Ensure that cable or end of line resistor leg does not short onto the contact.

Product Codes

Code	Description
MDB800	Conventional standard base
MDB800*10	Conventional standard base (pack of 10)
CIR301	Conventional remote indicator