

## Relay Base MDB800R

Suitable detectors for use with  
the MDB800R relay base



MPD821 optical detector



MPT951 photo-thermal detector



MFR830, MMT860, MHT890 heat detectors



MDB800R relay base

### Overview

The MDB800R Menvier conventional relay base has been specifically designed to be compatible with the Menvier range of conventional detectors.

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

It provides a local relay signal in the event of its host detector being triggered, making it ideal for instigating a local response.

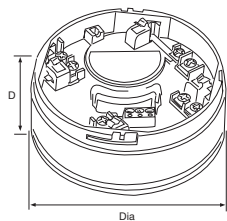
### Features

- Quick and simple to install
- Designed specifically for use with Menvier detectors
- Provides remote signal for external interfacing

### Benefits

- First fix mounting plate for ease of installation
- Local control output from host detector

Dimensions



| Dia (mm) | D (mm) |
|----------|--------|
| 102      | 40     |

Technical Specification

| Code                      | MDB800R                        |
|---------------------------|--------------------------------|
| Description               | Relay base                     |
| Specification             |                                |
| Relay Contact Rating      | 1A at 24V dc                   |
| Relay Trigger Source      | Detector remote LED output     |
| Detector Locking Facility | Supplied as standard           |
| Physical                  |                                |
| Construction              | PC/ABS                         |
| Colour                    | White                          |
| Dimensions (Dia x D)      | 102mm x 40mm                   |
| Compatibility             |                                |
| Suitable for use with     | Menvier conventional detectors |

Installation

- 1. Relay base is supplied with a first fix fixing plate.
- 2. Fixing plate has a central cable aperture.
- 3. Cable entry is from rear.
- 4. Main body is then clipped into place on base, body locks into place when pressed into position.

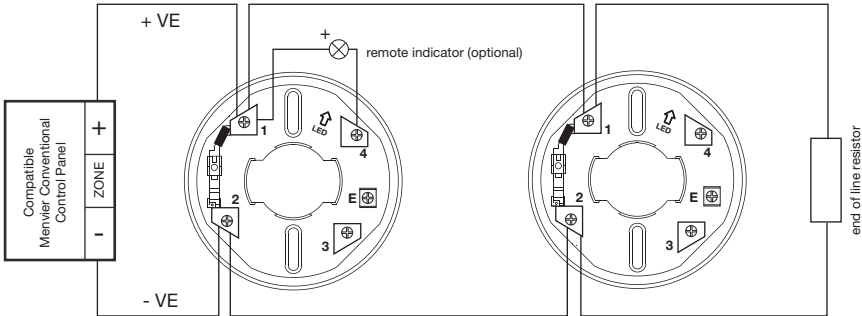
Interface Options

- 1. Bases are compatible with latest generation conventional Menvier detectors.

System Functionality

- 1. Relay is controlled by status of host detector.
- 2. If host detector is triggered relay activates.

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             |
|---------|-------------------------|
| MDB800R | Conventional relay base |