

CB2E - UL conventional detector base



The UL conventional standard base (CB2E) has been designed for flexibility, simplicity and speed of installation.

The CB2E has been specifically designed to operate with the Eaton UL Listed range of intelligent addressable control panel interfaces.

The CB2E is designed to provide separate connection terminals for zone in and zone out cables up to 2.5mm² together with a dedicated earth drain wire connection on the base.

This device also has a retaining clip to provide positive feedback when the sensor is correctly fitted and a retaining clip can be replaced with locking device (supplied with base) to prevent unauthorised sensor removal.

Features and benefits

- Two wire connection
- Separate zone in and zone out terminals
- Stand off fixing feature
- Accepts side entry cables
- Selectable detector locking feature
- Quick and simple to install
- Common mounting base for Eaton conventional UL detectors
- Positive "lock" indication
- Multiple cable entry points
- Easy to maintain/service

Specifier's guide

3.4 Accessories

Technical specification

Code	UB2E
Description	Standard Base
Physical	
Construction	PC/ABS
Colour	White
Dimensions (Dia x D)	104mm x 22mm
Compatibility	
Suitable for use with	Eaton UL Fire Systems

Installation

1. Separate terminals are provided for loop in and loop out connections.
2. Each terminal can accept up to 2 x 2.5mm cables.
3. Base incorporates a substantial cable entry aperture in the rear of the base.
4. Breakouts are provided to enable the sensor base to sit neatly over surface run cables and then enter via the rear entry aperture.
5. The base incorporates a stand off feature to help prevent distortion when mounted on an uneven surface.
6. Fixings are suitable for standard BESA box or direct fixing to a suitable surface.

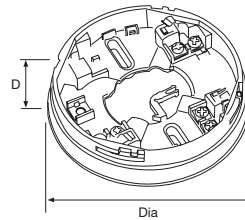
If difficulty is experienced when mounting the detector, this may be due to the following:

- Wiring causing an obstruction - move or shorten wires.
- The base is tolerant to uneven mounting surfaces, a very uneven surface may cause the base to deform when the mounting screws are tightened down - loosen screws to reduce this or reposition the base.

Warning

Do not use high voltage testers when detectors or control panel are connected to the system.

Dimensions

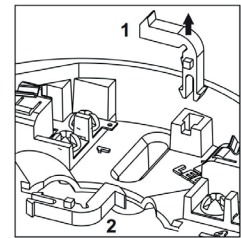


Dia (mm)	D (mm)
104	22

Utilising locking tab

Mounting base includes an optional feature to prevent the removal of the detector without the use of a tool.

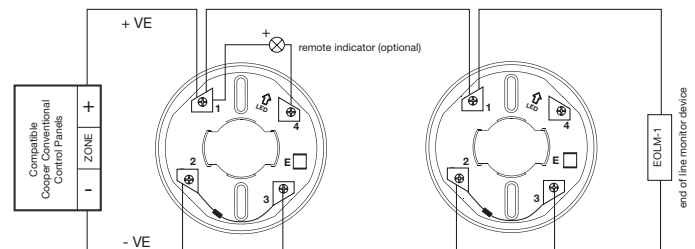
1. Remove the positive "lock" indication module (1).
2. Insert the locking module that is located at the centre of the base as shown (2).



Mount the sensor onto the base and rotate fully clockwise until it finally clicks.

The sensor is now locked into position. Remove by utilising a suitable tool (eg a thin screwdriver) into the hole in the sensor cover. Gently push the tool into the sensor and rotate anticlockwise

Standard connection



Catalogue numbers

Description	Code
Standard detector base	CB2E
2 wire detector, optical	UCPD-2W
2 wire detector, opto-heat	UCPT-2W
2 wire detector, fixed heat 135°F	UCHT-2W
2 wire detector, fixed heat 194°F	UCHTI-2W
2 wire detector, rate of rise and fixed heat 135°F	UCHR-2W
2 wire detector, rate of rise and fixed heat 194°F	UCHRI-2W