

# CAB300

## Eaton's Cooper standard sensor base



The intelligent addressable sensor standard base (CAB300) has been designed for flexibility, simplicity and speed of installation.

The (CAB300) is compatible with the Cooper range of intelligent addressable sensors and fire systems.

This intelligent addressable standard base incorporates a purpose designed shorting link to ensure wiring continuity if a sensor is removed.

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

### Features

- Integral sensor shorting link
- Separate loop in and loop out terminals
- Stand off fixing feature
- Accepts side entry cables
- Selectable sensor locking feature

### Benefits

- Quick and simple to install
- Common mounting base for Cooper intelligent addressable sensors
- Positive "lock" indication
- Multiple cable entry points
- Easy to maintain/service

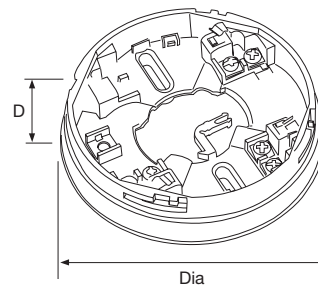
## Technical Specification

|                       |                                       |
|-----------------------|---------------------------------------|
| <b>Code</b>           | <b>CAB300</b>                         |
| Description           | Standard Base                         |
| <b>Physical</b>       |                                       |
| Construction          | PC/ABS                                |
| Colour                | White                                 |
| Dimensions (Dia x D)  | 104mm x 22mm                          |
| <b>Compatibility</b>  |                                       |
| Suitable for use with | Cooper Intelligent Addressable Sensor |

## Installation

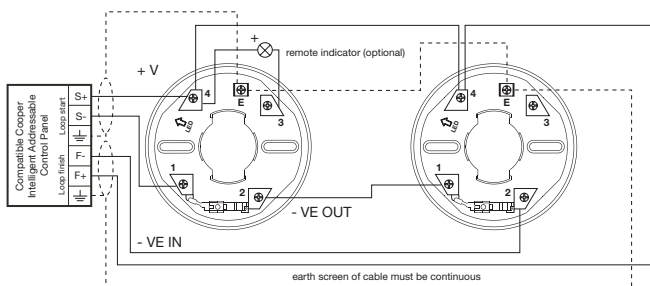
1. Separate terminals are provided for loop in and loop out connections.
2. Each terminal can accept up to 2 x 2.5mm cables.
3. Base incorporates a substantial cable entry aperture in the rear of the base.
4. Breakouts are provided to enable the sensor base to sit neatly over surface cables and then enter via the rear entry aperture.
5. Base mounting 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 suitable surface.

## Dimensions



| Dia (mm) | D (mm) |
|----------|--------|
| 104      | 22     |

## Standard Connections



**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.

## User Interface

1. Heavy duty terminals are provided for each connection, each terminal can accept 2 x 2.5mm cables
2. Separate loop in and loop out terminals are provided for each connection.

## Catalogue numbers

| Description            | Code    |
|------------------------|---------|
| Standard Base          | CAB300  |
| Optical Smoke Sensor   | CAP320  |
| Photo/Thermal Sensor   | CAPT340 |
| Multi-Mode Heat Sensor | CAH330  |