ULCAS380
UL addressable sounder base





ULCAS380 - Sounder Base

The UL intelligent addressable sounder base (ULCAS380) can be used both with a sensor or as a stand alone device.

The (ULCAS380) is compatible with the Cooper UL Listed range of intelligent addressable fire systems.

This device incorporates a sensor mounting base, a sensor can be fitted to the sounder base or alternatively an optional cover plate (CASC) can be used to enable the sounder to operate as a dedicated discreet stand alone sounder.

The (ULCAS380) requires no set up on installation once wired and connected to the intelligent addressable control panel. The sounder tone and volume are set by the control panel system set up programming or via PC programming using the Eaton site installer software, thereby saving both on installation and set up time, giving cost savings on the system installation.

Features

- Integral short circuit isolator
- Integral sensor mounting base
- Can be used with a sensor as a sounder base or stand alone as a sounder
- Cover plate (CASC) optional

Benefits

- Quick and simple to install
- First fix base
- Selectable tones controlled by the panel
- Adjustable volume controlled by the panel
- Single point connection for sensor and sounder (saving on both time and installation costs)
- Easy to maintain/service

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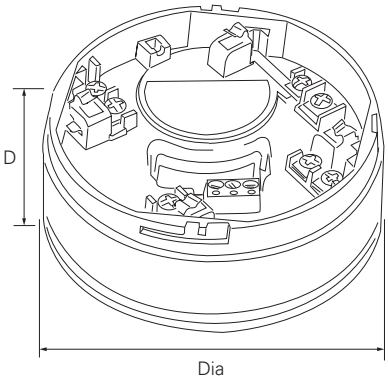
Eaton: Cooper product datasheet
UL addressable fire products

Dimensions



Dia (mm)	D (mm)
102	40

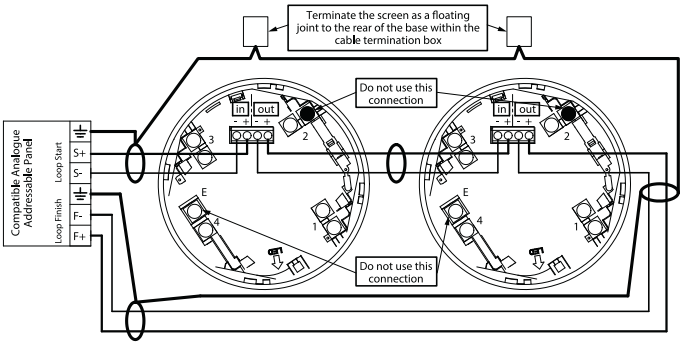
Installation

1. Installation is simple using first fix base
2. First fix base is fixed to mounting surface via 2 mounting holes
3. Cables enter through aperture in base (rear entry only)
4. Main body is then clipped into place on base, main body
5. locks into place when pressed into position
6. Cables pass through aperture in sounder body and terminate at the front
7. Connections are to connector block on front of main sounder body
8. Sensor or cover plate is then fixed to sounder
9. Sensor or cover plate can be locked in place if required

System functionality

1. Volume and tone are set by control panel, no need to access sounder to alter setting
2. Soft addressed

Standard connection



Warning: Do NOT use high voltage testers if ANY equipment is connected to the system.

Earth screen must be continuous along entire length of loop.

Note: Base terminal 1, 2, 3 and 4 not used. All wiring terminates as shown above.

Technical specification

Code	ULCAS380	
Description	Sounder Base	
Standards	UL464	
Specification		
Operating Voltage	21V dc to 32V dc	
Current (Nominal)	388µA	
Tones (set by panel)	Continuous Three tone temporal	
Sound Output	**Continous Tone**	**Three Tone Temporal**
Low volume	71.7dB at < 13.2mA	71.3dB at < 13.6mA
Medium volume	77.2dB at < 13.5mA	74.0dB at < 13.6mA
High volume	79.0dB at < 13.9mA	75.4dB at < 13.9mA
(set by panel)		
Environmental		
UL listed temp. range	32° to 100° F (0° to 38° C)	
Operating temp. range	14° to 131° F (-10° to 55° C)	
Humidity (non condensing)	0% to 93% RH	
Physical		
Construction	PC/ABS	
Colour	White	
Dimensions (Dia x D)	120mm x 40mm	
Weight	0.2kg	
Ingress Protection	IP40	
Compatibility		
Suitable for use with	Eaton UL Fire Systems	

Product codes

Code	Description
ULCAS380	Intelligent Addressable Sounder Base
CASC	Sounder Cover Plates (pack of 5)

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