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Illumino Ignis Ltd™
LIGHTING & FIRE DESIGN, SUPPLY & SUPPORT

BiWire Ultra base sounder & base sounder VAD

Two-Wire - Devices

Part No. EF5021BWS | EF5021BWSB

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Product Details

The BiWire Ultra base sounder and base sounder VAD can be used both with a sensor or as a stand alone devices.

The base sounders are approved to EN54-23 and are compatible with the BiWire Ultra 5 in 1 detector, as part of Eaton's BiWire Ultra fire system.

The base sounder and base sounder VAD both incorporate a sensor mounting base, a sensor can be fitted directly to the base, or alternatively an optional cover plate can be used to provide a dedicated discreet stand alone device.



Key Features

- Available in both sounder only and sounder VAD
- Certified to EN54-3 & EN54-23
- Standalone base sounder or base sounder VAD offers the flexibility of use with or without the detector
- Cover plate (optional)

Benefits

- First fix base, offers a compact design and reduces time of installation of the base with the detector
- Easy to maintain and service

Technical Specifications

Supply Voltage (Alarm)	25.5~35 Vdc
Supply Voltage (Standby)	18~25.5 Vdc
Cable Size/type	0.5~2.5mm / FIRETUF, FP200 or MICC
Standby Current (BiWire Mode)	<15µA
Current (High Volume)	Sdr Only = 4.7mA, AV = 11mA
Current (Low Volume)	Sdr Only = 2.6mA, AV = 8.7mA
Sound Output (High Volume)	90 +/- 3dB(A)
Sound Output (Low Volume)	80 +/- 3dB(A)
Operating Temperature	-10 to +55°C (93% ± 3%RH)
Material	ABS / PC FR Plastic
Environmental Category	IP21C
Tones	3
Flash Rate	0.5Hz (Not applicable to EF5021BWS)
Flash On Period	60ms (Not applicable to EF5021BWS)

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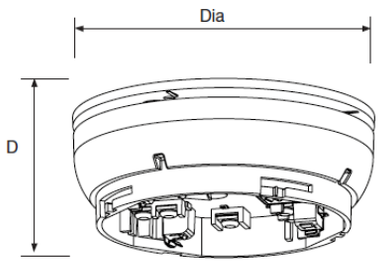
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Dimensions



Dia (mm)	115
D (mm)	44

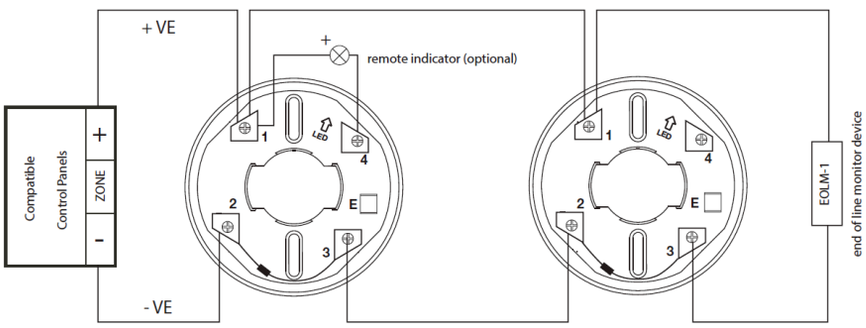
Installation

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

System functionality

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

Standard connections



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