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

Sounder Beacon High Output Red LED with /without Isolator

Addressable - Devices

Part No. EV-HIOP-SB-R

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Product Details

EV-HIOP-SB-R-SCI is a Type B Outdoor High Output Sounder Beacon (Red LED), with integral –ve line Short circuit isolator compatible with Evolution analogue addressable system devices.

The device enclosure is waterproof to IP65 rating and is suitable for Indoor or Outdoor installation.

The address may be set using EV-AD2-EXT handheld programmer using the Universal Addressing Lead.

The Short Circuit Isolator will protect the system, whilst allowing the device to continue communication from the opposite side. The isolator will self-reset when the fault clears.



Key Features

- IP65 rated
- 32 Tones DIP Switch Selected (3 Approved Tones)
- EEPROM Addressed (Programmer)
- FSK Signalling Protocol
- Beacon Rating W 2.4-3.0 / 22m3

Note*

+ve and -ve isolator styles cannot be mixed on a system.

Not compatible with Advanced MxPro4 (Mx4000) Panel. Please use Non-SCI model.

Contact Nittan Technical Support for more details and information on panel compatibility.

Technical Specifications

Sounder Device	Rocking Armature Transducer
Sounder Output	Up to 95 dB(A) @ 1 m (Tone/Angle dependent)
Sounder Tones	32 Tones DIP Sw select (3 Approved Tones)
Beacon Type	Type B Outdoor
Beacon Device	High Power LED Red
Beacon VAD Specification	W 2.4-3.0 / 22m^3
Operating loop voltage	24 to 38 Vdc
Quiescent current	200 µA
Alarm current	20 mA

Current in short circuit	13 mA
Operating temperature	-25°C to +70°C
Storage temperature	-25°C to +70°C
Relative humidity	< RH 95% (Non-condensing)
Cable terminals	0.75 to 2.5 mm^2
Material	ABS
Weight	250 g
Dimensions Flush	Ø104mm x 91.5mm
I.P. Protection Rating	IP65

The specifications described herein are subject to change without notice

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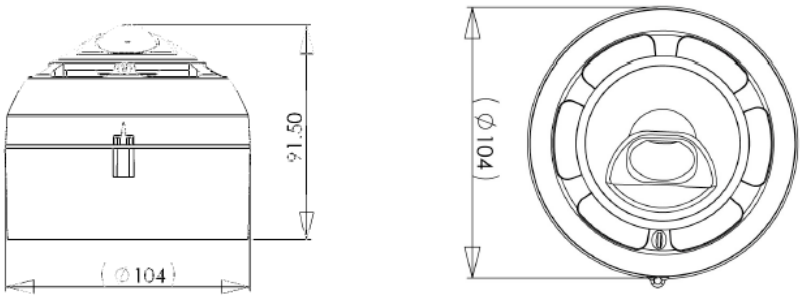
Short Circuit Isolator

Minimum sw open voltage (Vso min)	9 Vdc
Maximum sw open voltage (Vso max)	11 Vdc
Minimum sw close voltage (Vsc min)	10 Vdc
Maximum sw close voltage (Vsc max)	13 Vdc
Maximum line current (Ic max)	800 mA
Maximum switching current (Is max)	1500 mA
Maximum leakage current (Il max)	13 mA
Maximum switch resistance (Zc max)	150 mΩ

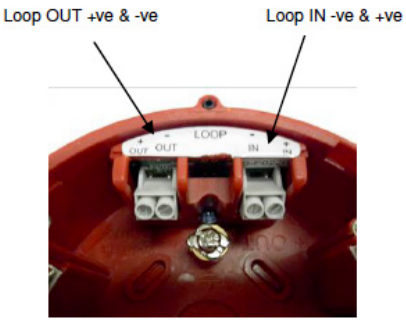
All wiring must conform to the current edition of IEE Wiring regulations and BS5839 Part 1

All loop Cable Screens shall be connected together, but must be Isolated from Ground. Cable Screens shall be connected to Earth Ground within the Control Panel ONLY.

Dimensions



Connections



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