



High Output Sounder with /without Isolator

Addressable – Devices

Part No. EV-HIOP-SDR

www.illuminoignis.co.uk

Product Details

EV-HIOP-SDR-SCI is a Type B Outdoor High Output Sounder, 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

Note*

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

It is not possible to mix +ve and –ve isolator styles on a system.

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)
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	225 g
Dimensions Flush	Ø104mm x 80.0mm
I.P. Protection Rating	IP65

Short Circuit Isolator

Minimum Sw Open Voltage (V_{so} min)	9V d.c.
Maximum Sw Open Voltage (V_{so} max)	11V d.c.
Minimum Sw Close Voltage (V_{sc} min)	10V d.c.
Maximum Sw Close Voltage (V_{sc} max)	13V d.c.
Maximum Line Current (I_c max)	800mA
Maximum Switching Current (I_s max)	1500mA
Maximum Leakage Current (I_l max)	13mA
Maximum Switch Resistance (Z_c max)	150mΩ

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.

The specifications described herein are subject to change without notice



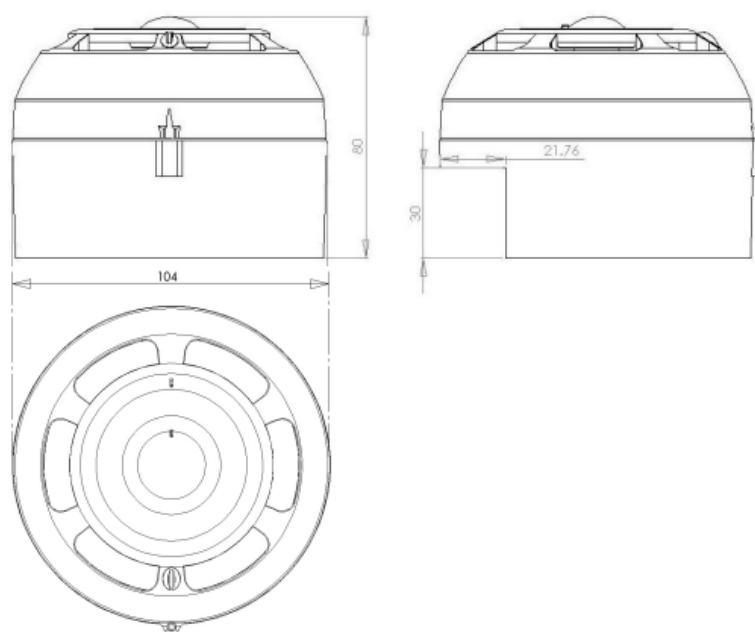
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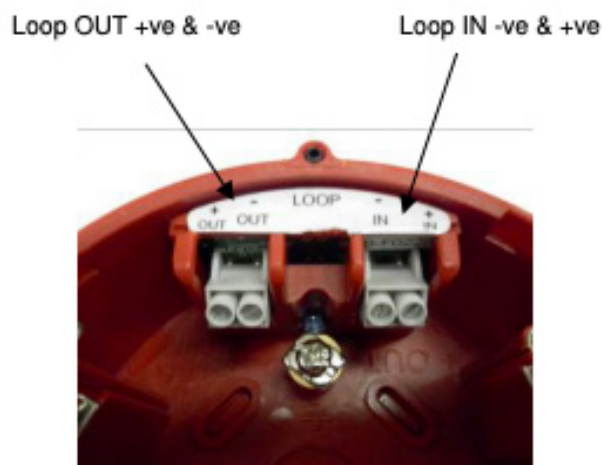
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Dimensions



Connections



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