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

Open-Area Alarm Devices

Two-Wire - Devices

Part No. 55000-018APO | 55000-017

www.illuminoignis.co.uk

Product Details

The AlarmSense Open-Area Alarm Devices are zone powered, wall mounted devices which are connected to an AlarmSense system.

The range comprises sounder, beacon and sounder beacon, all designed to fi t to a common mounting base.



Key Features

- synchronisation of tones and fl ashes
- common 'first-fix' base
- device locking facility

How Alarmsense Works

AlarmSense sounders and manual call points are fi tted to the same zone as detectors. In quiescent state, the zone is powered at between 9V and 15V, nominally 12V, at which only detectors and call points operate. Sounders require 24V to operate.

When an alarm is detected on a zone, the control panel increases the line voltage to 24V on that zone causing the sounders to produce a continuous 'Evacuate' sound. Any voltage-sensitive output devices - relay modules or other alarm devices - also operate.

When the voltage is increased to 24V, the detector alarm current will reduce to 1.5mA. The detectors are latched in alarm until they are reset by reducing the voltage to less than 2V for greater than 1 second. Output devices will de-activate each time the voltage is reduced to 12V unless otherwise stated in their specifi cation.

It is possible to generate an 'Alert' tone by pulsing the supply voltage from 12V to 24V and the sounders configured to continuous output. Pulse frequency of 1 second on, 1 second off, is recommended for compliance with BS5839 Pt1.

Head Removal Monitoring

Unauthorised removal of a sounder/beacon head results in the generation of a fault warning.
In the event that a sounder/beacon has been removed, there will be no loss of power to any device on that zone.

Synchronisation

Synchronisation is achieved by the control panel.

Mechanical Construction

The alarm devices have a base which is fi tted to the mounting surface and wired as a 'first fix'.

Technical Specifications

Quiescent Current at 12V	<100µA	
Maximum Surge Current	200µA	
Head Removal load	47Ω for 10ms every 4s	
Polarity	Polarity insensitive	
Operated Current (Nominal) @ 24V	Sounder	17.5mA
	Sounder Beacon	19mA
Sound Output (Head)	up to 99dB(A) at 1m	
IP rating	65 No condensation or icing	
Dimensions	104 x 97.5mm	
Weight	Sounder	225g
	Sounder Beacon	260g

Note: All dB(A) figures are to within ±3dB(A)

A maximum of five Open-Area Alarm Devices to be connected per zone, if you require more than five please contact Apollo Technical Sales by emailing techsales@apollo-fire.co.uk.

0203 00 44 855
sales@illuminoignis.co.uk
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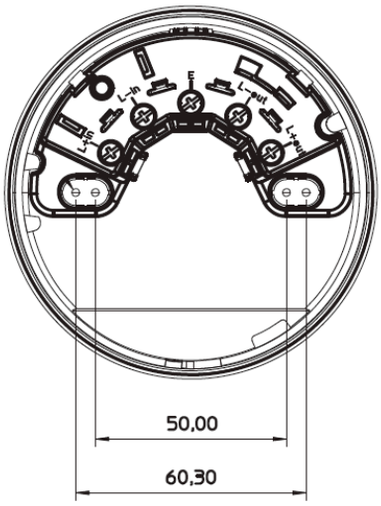
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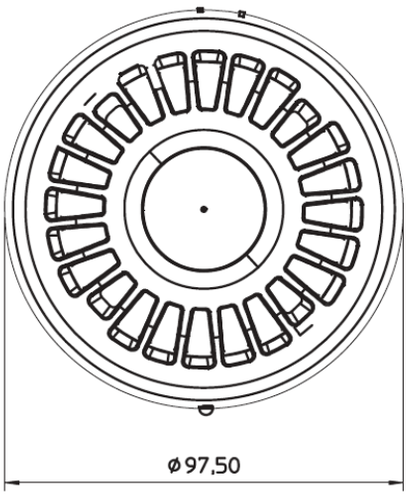
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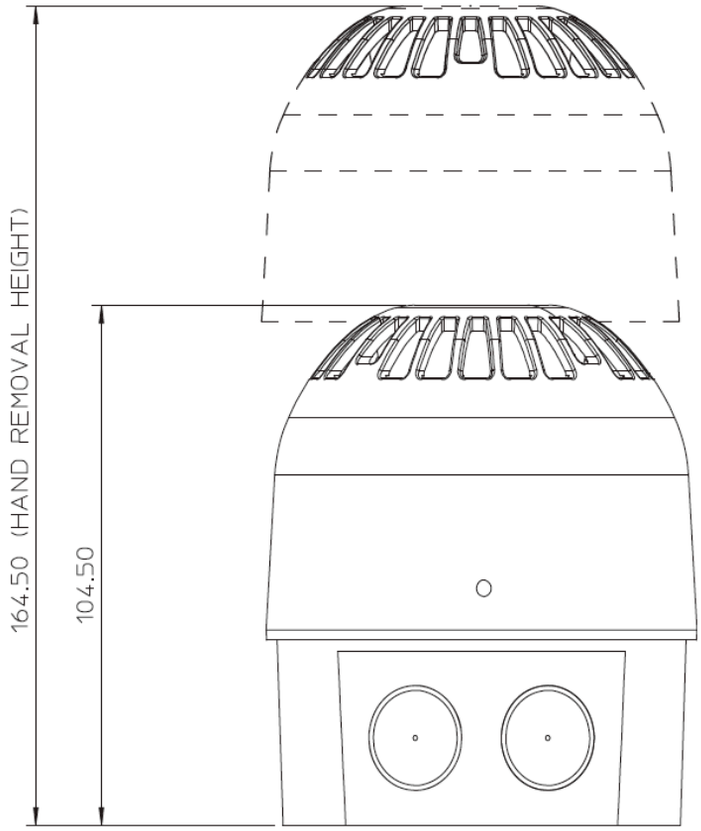
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Dimensional Drawings

All measurements shown are in mm.







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