

OPEN AREA SOUNDER BEACON



S-A4025



DESCRIPTION

The Open Area Sounder Beacon Indicator is an alarm device comprising of a sounder and a visual indicator used to provide audible and visual warning of fire and is controlled by the fire control panel by means of the protocol. This particular features of the sounder visual indicator are available only when it is being controlled by the full protocol with the panel programmed accordingly.

THE RIGHT LEVEL OF SOUND

The sounder is set during commissioning to one of 7 levels of sound, the highest level being normally 100db (A).

THE RIGHT TONE FOR YOUR INSTALLATION.

The Open Area Sounder Beacon offers a choice of 15 evacuation tones, including the standard evacuation tone. One of these tones is selected during commissioning in order to suit local regulations or customs.

Whichever evacuation tone is selected there is a secondary tone which may be used for alerting or warning of a possible evacuation.

SOUNDER BEACON OR BOTH

The SHIELD Open Area Sounder Beacon normally switches both sounder and beacon to provide an alert or evacuation signal. There might be instances where a flash or a sounder would not be permitted. It is a simple choice as to whether to switch both sounder and beacon together or to switch either as necessary.

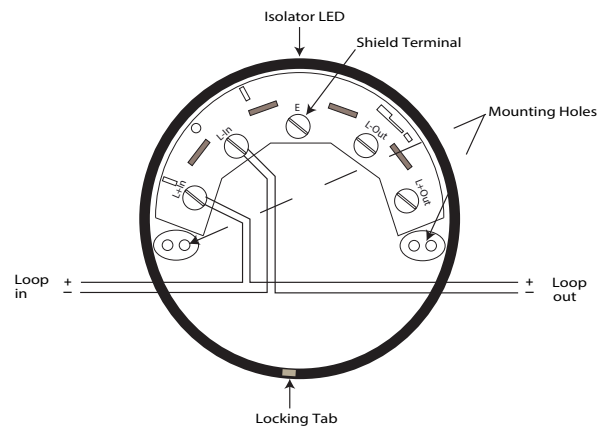
LOCATION –SPECIFIC VOLUME SETTING

Detectors and sounder beacons are installed in many different types of environment. When configuring the Open

FEATURES

- 15 evacuation tones + 15 secondary or alert tones.
- 7 volume levels.
- Alarm switching by individual device, of all devices on loop.
- Independent control of sounder and beacon.
- Set-up and testing of devices at point of installation.
- Sounder automatically silences after 20 minutes (optional).
- Class Change Bell Tone.
- IP65.

Loop Powered Open Area Sounder Base Wiring Diagram



TECHNICAL DATA

Operating voltage	17 - 28 V DC
Protocol Pulses	5-9 V (peak to peak)
Current Consumption at 24V	
Supervisory Standby	<1s 1,2mA
Switch-On-Surge	
Normal Standby Current	750 µA
Quiescent	430 µA
Alarm Current @ Max. Volume	8.2 mA
Candela Rating	2 cd
Flash Rate	1 Hz
Maximum Sound Output	100 dB(A)
Temperature Range	-10°C to +55°C
Humidity Range	0 - 95 %

Area Sounder Beacon the adjustment of the volume can be done at the point of installation. The commissioning engineer simply sets the control panel to 'Set-up' and then walks from one devices to the next to set the required volume, using a magnetic wand. When all devices have been set the engineer simply presses a button on the control panel which then registers all the individual volume settings.