1-23900-K216

Kidde 950 Series Integrated Base Sounder with Beacon and Isolator

General

The DB952IVAS is a loop-powered sounder and beacon combined with a standard 900 series mounting base. It is used to signal a ¿re alarm in enclosed areas. It may be used either with a detector ¿tted or with a cap for operation as a stand-alone alarm device. The DB952IVAS is supplied with a built-in isolator.

Tones

The DB952IAS sounders support multiple tones. The low volume range is useful in areas such as hospitals where a ¿re alert is initially intended to warn staff only. The sounder is set to the high range for general use.

Syncronisation

Synchronisation of tones ensures the integrity of the signal. Tones from different sounders do not merge into one signal that could be mistaken for a different tone.

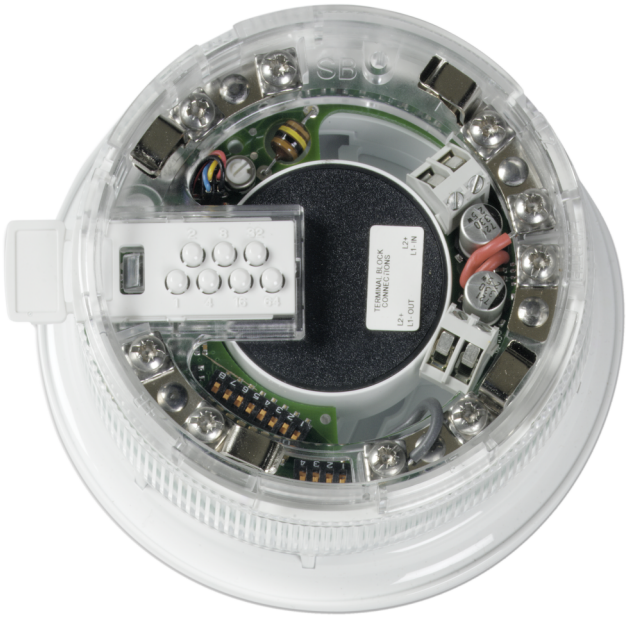
It is possible to synchronise the sound and ¿ash outputs of all sounder beacon bases connected to a loop. Other alarm devices such as loop sounders, base sounders, sounder circuit controllers and loop-powered beacons will all be syncronised when connected to the same control panel.

Self Test

The beacon self test is achieved by means of an LED monitoring circuit whilst the acoustic self-test means that the sounder listens to itself when it is switched on. If the LEDs fail during operation or no sound is detected within 5 seconds of the sounder being switched on, a fault signal is transmitted to the control panel.

Electrical Considerations

The DB952IVAS is loop powered so needs no external power supply. It is polarity-sensitive.



Details

- Beacon flash rate of 1 Hz
- Synchronisation of beacon flash, alert and evacuate tones
- Individual addressing
- Built-in isolator
- Unique beacon and acoustic self-test
- Two volume ranges 55–75dB(A) and 75–91dB(A)

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Technical specifications

Electrical

Operating voltage	17 to 28 VDC Protocol pulses: 5 to 9 V
Current consumption	Switch-on surge, <1s: 1.2 mA, at 24 V Quiescent: 300 µA, at 24 V Activated: 8 mA, at 24 V

Sounder

Output level	91 db(A), maximum at 90°
Output level adjustment	Sound pressure level: tone dependent

Physical

Physical dimensions	115 x 38 mm
Net weight	160 g

Environmental

Operating temperature	-20 to +60°C
Relative humidity	0 to 95% noncondensing
IP rating	IP21D

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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