DB2368IAS-R

2000 Series Base Sounder w/ Isolator - RED

General

The DB2368IAS-R is an addressable base sounder with integrated isolator for fire alarm systems running 2000 series addressable fire protocol. It may be installed below a 2000 series detector or used as standalone with the AS2368CAP-R cap. Multiple tone selection and full CPD approval ensure conformance to local regulations.

All 2000 series sounders operate over a 2-wire 2000 series loop and are loop powered i.e. no external power supply is required. They are compatible with automatic phased-start synchronisation controlled from the fire panel.

Installation

Device cabling is done to the base sounder and allows a detector to be fitted and locked into position afterwards. Only one set of connections is used for both the base sounder and the detector. A separate earth terminal is provided in the base for connecting the screen or functional earth when required.

Efficient and versatile

The 2000 series sounders may be put into different operating modes depending on local requirements. They provide high sound output at a low current, thus reducing power standby requirements and overall system cost. They are supplied with high/low volume settings as standard, allowing final audio adjustments to be made during installation.

All sounders are tone selectable during installation, with 32 tone settings available.

Standard Features

- Loop powered
- Integrated isolator
- High sound output with low current consumption
- Multiple tone selection
- Suitable for multiple stage evacuation with up to 3 pre-set tones
- Automatic synchronisation
- CPD certified

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Specifications

Electrical

Operating voltage	17 to 28 VDC

Sounder

Frequency	400 - 2850 Hz *
Output @ 90° ± 3 dB(A)	94 dBA *
Selectable tones	32
Frequency range	400 - 2850 Hz *
Volume adjustment	8 dB (typical)

Physical

Physical dimensions	115 x 43 mm (Ø x H)
Net weight	140 g
Body	High Impact Polycarbonate
Weight	140 g
Dimensions (dia x h)	115 x 43 mm
Cable size	0.28 mm² to 2.5 mm²

Environmental

Operating temperature	-10 to +55°C
Storage temperature	-10 to +55°C
Relative humidity	5 to 95% noncondensing
Environment	Indoor
IP rating	IP21
Operating Temperature	-10°C to +55°C
Storage temperature	-10°C to +55°C
Relative humidity (non condensing)	5% to 95%
IP Rating	IP21

Standards & regulation

Certification	EN54-3, EN54-17

Operating voltage

	17-28 VDC

Supply current @ 24 VDC

Switch on surge	< 1.2 mA
Quiescent	400 µA
Activated	5.1 mA
Isolated	< 6 mA

Isolator

Line	Negative breaking isolator
Line resistance	0.1 Ohms

Ordering Information

Part No.	Description
DB2368IAS-R	2000 Series Base Sounder w/ Isolator - RED
AS2368CAP-R	LOCKING RED CAP FOR DB2368 SERIES BASE SOUNDERS

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