DB2368IAS-W

ARITECH 2000 Series sounder base with isolator, white

General

The DB2368IAS-W 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-W cap. Multiple tone selection and full CPR 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.



Details

- 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
- CPR certified

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Technical specifications

General

Compatibility	2000 Series systems

Electrical

Power supply type	Loop powered
Switch on surge	<1.2 mA @ 24 VDC
Operating voltage	17 to 28 VDC
Current consumption	400 µA @ 24 VDC (quiescent) 5.1 mA @ 24 VDC (activated) <6 mA (isolated)
Cable size	0.28 to 2.5 mm²

Sounder

Output level	90 dBA ±3 dB(A) @ 90º
Output level adjustment	8 dB (typical)
Frequency	400 to 2850 Hz (tone dependent)
Selectable tones	32
Synchronization	Automatic
No. of stages	3

Isolation

Type	Negative line break
Series resistance	0.1 Ω
Switch current	<800 mA

Physical

Physical dimensions	115 x 43 mm (Ø x H)
Net weight	140 g
Colour	White
Mounting type	Ceiling mount, Wall mount
Mounting position	Ceiling, Wall
Material	High impact polycarbonate

Environmental

Vandal proof	No
Operating temperature	-10 to +55°C
Storage temperature	-10 to +55°C
Relative humidity	5 to 95% noncondensing
Environment	Indoor
IP rating	IP21

Regulatory

Compliancy	CE, REACH, RoHS 2, WEEE
Certification	EN54-17, EN54-3

Compatible products

Category	Reference	Description
Detection device	DP2061N	ARITECH 2000 Series addressable optical smoke detector
Detection device	DP2061T	ARITECH 2000 Series addressable multisensor fire detector
Detection device	DT2063N	ARITECH 2000 Series addressable heat detector
Notification device	AS2368CAP-W	Aritech 2000 Series locking cap for 2000 series bases

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