AS2363

Aritech 2000 Series addressable loop powered sounder, multi-tone with shallow base

General

The AS2363 is a RED bodied, shallow base addressable room sounder for fire alarm systems running 2000 series addressable fire protocol. Multiple tone selection and full CPR approval ensure conformance to local regulations.

The 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 and allows the sounder to be fitted and locked into position afterwards. A separate earth terminal is provided in the base for connecting the screen or functional earth when required.

Efficient and versatile

These sounders can be put into different operating modes depending on local requirements. It provides 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.

The sounder is tone selectable during installation. 32 Tone settings are available.



Details

- Loop powered
- 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
- VdS Approved

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Technical specifications

General

Compatibility	2000 Series systems
Addressing method	DIP Switches
System support	Addressable systems

Electrical

Power supply type	Loop powered
Power consumption	120 mW
Switch on surge	<1.2 mA @ 24 VDC
Operating voltage	17 to 28 VDC
Communication voltage	5 to 9 V
Current consumption	310 µA (Quiescent @ 24 VDC) 5.1 mA (Activated @ 24 VDC)
Cable size	0.28 mm² to 2.5 mm²

Sounder

Output level	< 97 dBA (±3 dB(A)) at 1 m @ 90º (tone and voltage dependent)
Output level adjustment	8 dB (Typical)
Frequency	400 - 2850 Hz (Tone dependent)
Selectable tones	32
Synchronization	Supported
No. of stages	3

Physical

Physical dimensions	100 x 81 mm (Ø x H)
Net weight	215 g
Colour	Red
Mounting type	Ceiling mount, Wall mount
Mounting position	Ceiling, Wall
Mounting base	Shallow
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	EN54-3

Compatible products

Category	Reference	Description
Notification device	AS2363W	
Notification device	AS2364	
Notification device	AS2364W	
Notification device	AS36RIM	
Notification device	DB2368IAS-W	

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Last updated on 6 May 2026 - 13:17