

SensoIRIS WSST EN54-23 Addressable Wall Mount Sounder&Strobe

EN54-3/23

Description

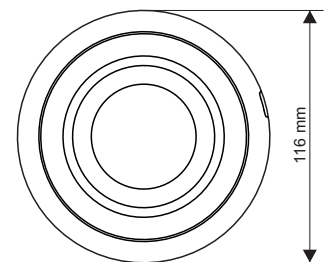
SensoIRIS WSST EN54-23 is VAD addressable Wall Mount Sounder and Strobe designed for installing in addressable fire alarm systems supporting TTE communication protocol. The device is powered on from the panel and can be controlled via the communication protocol. The device SensoIRIS WSST EN54-23 is compatible with fire bases B124 for ceiling mounting and WSB IP65 for wall mounting.



Technical and Environmental Specifications

| | |
|---|-------------------------|
| Operating Voltage Range | 15 - 32VDC (Nom. 27VDC) |
| Nominal consumption (stand-by) | < 500µA@27VDC |
| Maximal consumption (main tone type 27): | |
| - low volume level, sound only | < 5mA |
| - low volume level, sound and strobe | < 12mA |
| - high volume level, sound only | < 16.5mA |
| - high volume level, sound and strobe | < 22mA |
| Maximal consumption (other tone types): | |
| - low volume level, sound only | < 4mA |
| - low volume level, sound and strobe | < 11mA |
| - high volume level, sound only | < 10mA |
| - high volume level, sound and strobe | < 16.5mA |
| Power volume (main tone type 27): | |
| - low volume | ~ 80dB (A) ± 6dB @ 1m |
| - high volume | ~ 92dB (A) ± 5dB @ 1m |
| Power volume (other tone types): | |
| - low volume | 75-85dB ± 3dB @ 1m |
| - high volume | 80-95dB ± 3dB @ 1m |
| Number of tone types | 32 |
| Supported communication protocol. | TTE |
| Wire Gauge for terminals | 2.5mm ² |
| Relative humidity resistance | (93 ± 3)% @ 40°C |
| Color | white, transparent |
| Material | SAN |

DoP No: 008
 1293-CPR-0461 Rev.1
 Tested by EVPU



Packing Information

- **Packing box** - 1 unit SensoIRIS WSST EN54-23, dimensions 117x120x57mm.
- **Carton box** - 40 units SensoIRIS WSST EN54-23, dimensions 520x250x367mm.

Compatible Product Range

- **IRIS** - Addressable Fire Panel, 4 loops, 96 zones
- **SIMPO** - Addressable Fire Panel, 2 loops, 48 zones
- **SensoIRIS Programmer** - Address Programming Tool
- **SensoIRIS B124** - Standard Base, indoor mounting
- **SensoIRIS WSB IP65** - Waterproof IP65 Base, outdoor mounting

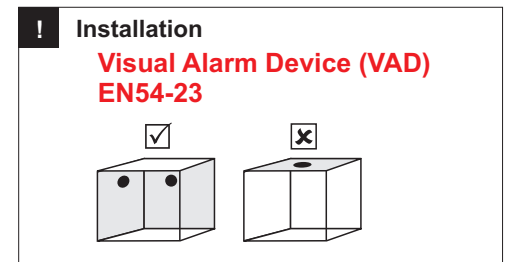
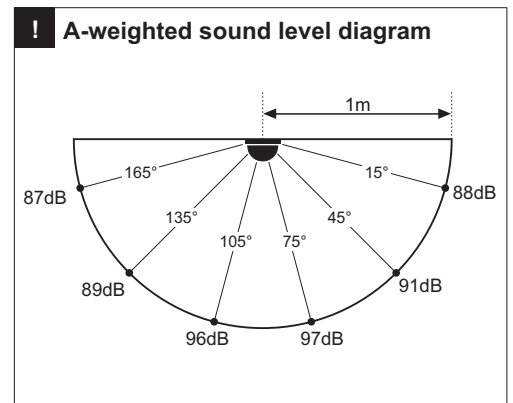
Contact Information:

SensoIRIS WSST EN54-23 Addressable Wall Mount Sounder&Strobe

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Supported Tone Types and Description

| Tone | Tone Type | Tone Description / Application |
|------|-----------|---|
| 1 | | 970Hz |
| 2 | | 800Hz/970Hz @ 2Hz |
| 3 | | 800Hz - 970Hz @ 1Hz |
| 4 | | 970Hz 1s OFF/1s ON |
| 5 | | 970Hz, 0.5s/ 630Hz, 0.5s |
| 6 | | 554Hz, 0.1s/ 440Hz, 0.4s (AFNOR NF S 32 001) |
| 7 | | 500 - 1200Hz, 3.5s/ 0.5s OFF (NEN 2575:2000) |
| 8 | | 420Hz 0.625s ON/0.625s OFF (Australia AS1670 Alert tone) |
| 9 | | 500 - 1200Hz, 0.5s/ 0.5s OFF x 3/1.5s OFF (AS1670 Evacuation) |
| 10 | | 550Hz/440Hz @ 0.5Hz |
| 11 | | 970Hz, 0.5s ON/0.5s OFF x 3/ 1.5s OFF (ISO 8201) |
| 12 | | 2850Hz, 0.5s ON/0.5s OFF x 3/1.5s OFF (ISO 8201) |
| 13 | | 1200Hz - 500Hz @ 1Hz (DIN 33 404) |
| 14 | | 400Hz |
| 15 | | 550Hz, 0.7s/1000Hz, 0.33s |
| 16 | | 1500Hz - 2700Hz @ 3Hz |
| 17 | | 750Hz |
| 18 | | 2400Hz |
| 19 | | 660Hz |
| 20 | | 660Hz 1.8s ON/1.8s OFF |
| 21 | | 660Hz 0.15s ON/0.15s OFF |
| 22 | | 510Hz, 0.25s/ 610Hz, 0.25s |
| 23 | | 800/1000Hz 0.5s each (1Hz) |
| 24 | | 250Hz - 1200Hz @ 12Hz |
| 25 | | 500Hz - 1200Hz @ 0.33Hz |
| 26 | | 2400Hz - 2900Hz @ 9Hz |
| 27 | | 2400Hz - 2900Hz @ 3Hz 2500Hz (main sound frequency) |
| 28 | | 800Hz - 970Hz @ 100Hz |
| 29 | | 800Hz - 970Hz @ 9Hz |
| 30 | | 800Hz - 970Hz @ 3Hz |
| 31 | | 800Hz, 0.25s ON/1s OFF |
| 32 | | 500Hz - 1200Hz, 3.75s/0.25s OFF (AS2220) |



Installation

- IP43C (EN54-3)*
IP65 (EN60529)**
- 10°C ÷ +50°C
- ~183g
- Indoor use*
- Outdoor use**

* When used with base B124
** When used with base WSB IP65

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