

FOT-SensoIRIS BSST

EN54-3

Addressable Base with built-in sounder and strobe

Description

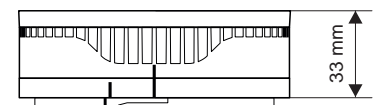
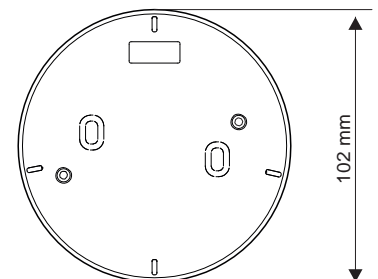
FOT-SensoIRIS BSST is an addressable fire base with built in sounder and strobe in its body. FOT-SensoIRIS BSST is designed for installing in addressable fire alarm systems supporting FFC communication protocol. The device is powered on from the panel and can be controlled via the communication protocol. The device is designed for easy installation and consist from two parts: mounting plane basis and sounder and strobe in a common body with factory mounted fire base.



Technical and Environmental Specifications

Operating Voltage Range 15 - 32VDC
 Maximal consumption at communication. 470 µA @ 27VDC
 Maximal consumption:
 - main tone type 27, low volume level 3 mA @ 27VDC
 - main tone type 27, high volume level 10 mA @ 27VDC
 Power volume (main tone type 27):
 - low volume ~ 88dB (A) ± 3dB @ 1m
 - high volume ~ 96dB (A) ± 3dB @ 1m
 Power volume (other tone types):
 - low volume 82-92dB ± 3dB @ 1m
 - high volume 90-100dB ± 3dB @ 1m
 Frequency of the strobe flashing. 1Hz
 Number of tone types. 32
 Supported communication protocol TTE
 Wire Gauge for terminals 0,4 - 2.0mm²
 Operating temperature -10°C to +60°C
 Relative humidity resistance. (93 ± 3)% @ +40°C
 Weight. ~127 g
 Color White
 Material. SAN, transparent
 Dimensions with SensolRIS T110 (IS)/ S130 (IS) 102 x 63mm
 Dimensions with SensolRIS M140 (IS) 102 x 70mm

CE₁₃
1293
 DoP No: 079



Packing Information

1 units FOT-SensoIRIS BSST includes one mounting base and one sounder and strobe base.

- **Packing box** - 1 unit FOT-SensoIRIS BSST, dimensions 106x106x46 mm.
- **Carton box** - 62 units FOT-SensoIRIS BSST, dimensions 500x367x230 mm.

Compatible Product Range

- **FOT-IRIS** - Addressable Fire Panel, 4 loops and 96 zones
- **FOT-SIMPO** - Addressable Fire Panel, 2 loops and 16 zones
- **FOT-SensoRIS detectors series** – FOT-SensoIRIS T110 (IS), FOT-SensoIRIS S130 (IS), FOT-SensoIRIS M140 (IS)
- **FOT-SensoIRIS Programmer** - Address Programming Tool

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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)

