

FOT-SensoIRIS BSOU

Addressable Base with built-in sounder

EN54-3

Description

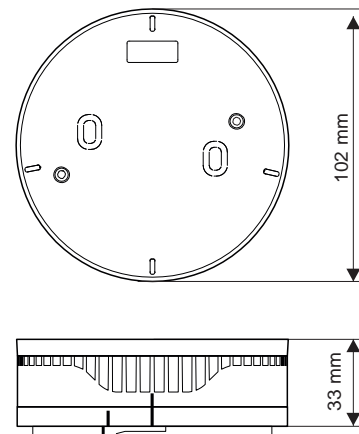
FOT-SensoIRIS BSOU is an addressable fire base with built-in sounder in its body. FOT-SensoIRIS BSOU is designed for installing in addressable fire alarm systems supporting FFC communication protocol. The device is powered on from the panel and can be controlled via the communication protocol. The device 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 Functional Specifications

Operating Voltage Range 15 - 32VDC
 Maximal consumption at communication. 470µA@ 27VDC
 Maximal consumption:
 - main tone type 27, low volume level 2,8 mA @ 27VDC
 - main tone type 27, high volume level 9,8 mA@ 27VDC
 Power volume (main tone type 27):
 - low volume ~ 92dB (A) ± 3dB @ 1m
 - high volume ~ 99dB (A) ± 4dB @ 1m
 Power volume (other tone types):
 - low volume 82-92dB ± 3dB @ 1m
 - high volume 90-100dB ± 3dB @ 1m
 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. ABS
 Dimensions with FOT-SensoIRIS T110 (IS)/ S130 (IS) . . . 102 x 63mm
 Dimensions with FOT-SensoIRIS M140 (IS) 102 x 70mm

CE₁₃
1293
 DoP No: 078



Packing Information

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

- **Packing box** - 1 unit FOT-SensoIRIS BSOU, dimensions 106x106x46 mm.
- **Carton box** - 62 units FOT-SensoIRIS BSOU, 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-SensoIRIS 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)

