

AS-ABS

The AS-ABS analogue addressable base sounder, for indoor use, is a part of the Sensortec AS Protocol addressable range of devices.

16 different tone options can be selected on the sounder, each of them having one main alarm tone and a separate alert tone. Activating the main alarm tone overrides the alert tone.

The low current analogue addressable sounder AS-ABS can be configured in two ways.

As a sounder base to a Sensortec detector, the AS-ABS is fitted with an STB4-EV-AB base.

AS-ABS can also be used as a stand-alone ceiling mounted sounder, available with an option of either a red or a white cap/plate depending on your fire system requirements.



Model Name	AS-ABS
Application	Type A, indoor use
Part Number	F16-81563
Product range	Sensortec Addressable
Address setting	8-way DIP Switch
Available separately:	Part Number
Detector base UB-4-EV-AB	F03-83020
Red Cover VCT-03-CPR	F06-82411
White Cover VCT-03-CPW	F06-82410
Operating Voltage	22 - 28 VDC
Nominal Voltage	24VDC
Current Consumption:	
Quiescent	300 µA
Alarm, low (750Hz)	4.2 mA
Alarm, high (750Hz)	7.3 mA
Operating Temperature	-10°C to +55°C
Storage Temperature	-20°C to +60°C
Relative Humidity	≤ RH95%
	Non-condensing
IP Rating	IP21C
Weight	91 g
Primary material	Staroy PC/ABS VB-1202F
Dimensions:	
AS-ABS	Ø114mm, H 28mm
AS-ABS/UB-4-EV-AB	Ø114mm, H 40mm
Tone Types	15, see tone table
Volume Control	Low – High Pot.
Frequency Range	440-3000 Hz
Sound Pressure @ 1 metre	
Alarm, Horizontal (Tone 1)	15° - 165°: 72 - 82 dBA
Alarm, Vertical (Tone 1)	15° - 165°: 74 - 91 dBA
Test Standard:	EN54-3:2001
	(Ceiling mounted)
CPR Certificate:	0905-CPR-00498
UKCA Certificate:	0359-UKCA-CPR-00008
Declaration of Performance:	00498
EMC Tested in accordance with	EN 50130-4:1996:A2
	Para: 11, 12 & 13

End of life disposal:
Do not dispose of in general waste or waste destined to end up in landfill.

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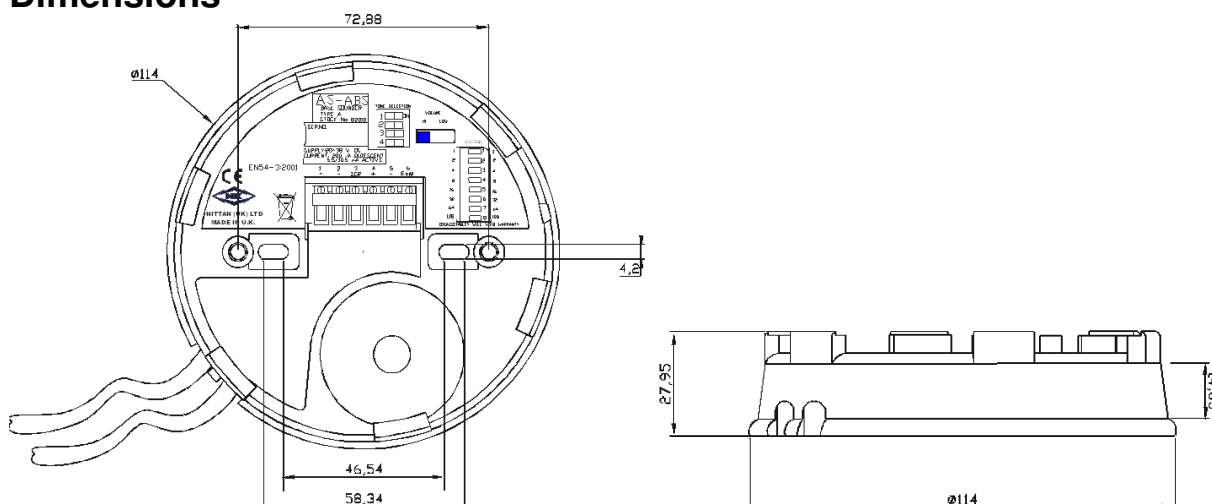


Quality System Certificate No. 041
Assessed to BS EN ISO 9001:2000

Hipley Street, Old Woking, Surrey, England, GU22 9LQ, UK

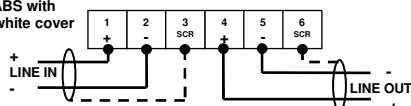
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Dimensions

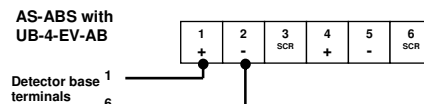


Connection

AS-ABS with
red/white cover



AS-ABS with
UB-4-EV-AB



Tone Table

Tone	Alarm	Alert	SW1	SW2	SW3	SW4
1 Approved	Standard alarm tone. 750Hz/1000Hz alternating, 0.5s for each tone.	10	ON	ON	ON	ON
2	Warble tone, general use. 850-950Hz sweep at 9Hz.	10	OFF	ON	ON	ON
3	Sweep 1s (UK). 800Hz to 970Hz sweep over 1s, repeating.	10	ON	OFF	ON	ON
4	French fire tone. 440Hz for 400ms, 554Hz for 100ms, repeating.	10	OFF	OFF	ON	ON
5	German DIN tone. 1200Hz to 500Hz sweep over 1s, repeating.	10	ON	ON	OFF	ON
6	Dutch tone. 500Hz to 1200Hz over 3.5s, 0.25s gap, repeating.	10	OFF	ON	OFF	ON
7	Pulsed tone 1s on, 1s off at 750Hz.	10	ON	OFF	OFF	ON
8	Continuous, 750Hz.	10	OFF	OFF	OFF	ON
9	Continuous, 1000Hz.	10	ON	ON	ON	OFF
10	Pulsed tone 1s on, 1s off at 1000Hz.	10	OFF	ON	ON	OFF
11	Alternating at 2250Hz for 0.5s, 3000Hz, for 3s.	10	ON	OFF	ON	OFF
12	Sweep 9Hz. 2250Hz to 3000Hz, repeating.	10	OFF	OFF	ON	OFF
13	Sweep 1Hz. 2250Hz to 3000Hz, repeating.	10	ON	ON	OFF	OFF
14	Continuous, 3000Hz.	10	OFF	ON	OFF	OFF
15	Pulsed tone 1s on, 1s off at 3000Hz.	10	ON	OFF	OFF	OFF
16	Silent (no sound).	10	OFF	OFF	OFF	OFF

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