

Electrical and Acoustical Parameter

Rated voltage (VDC)	12/24*
Operating voltage (VDC)	9 to 15 / 18 to 28
Current consumption (mA@rated voltage)	110 / 68
Light output (l)	0.7
Flash frequency (Hz)	1
Sound Output (dB(A))	103 / 101
Tones (versions are available with user selectable tones)	Pre-set to tone 5 (12v) Pre-set to tone 3 (24v)
Volume Control (dB)	20
Monitoring	Reverse polarity
Remark:	AUTOMATIC SOUNDER SYNCHRONISATION * 110 to 230Vac with powered base

Mechanical, Environmental Parameter

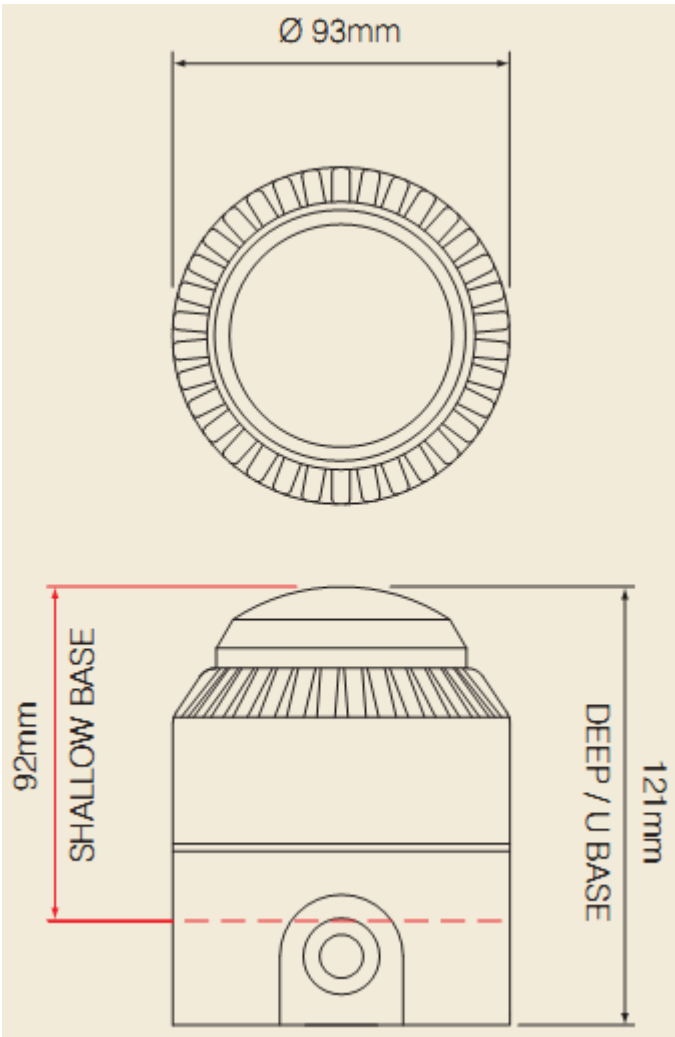
Contact	screw contact
Operating temperature (°C)	-10 to +55
Storage temperature (°C)	-10 to +55
Material housing	FR ABS + PC (lens)
Colour Housing	Red + withe
Lens Colour	Red, amber, blue, green or clear
IP rating	54(s), 65(d)
Component weight (g)	330
Packaging	box
Remark:	(s) shallow base, (d) deep base

Approval

RoHs	☒
UL	☐

Designed by	KH	03.08.2011	Dimensions without tolerance ±0.3mm	Index: 00	Current date
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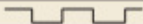
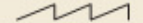
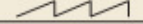
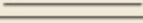
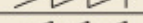
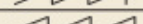
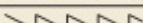
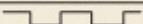
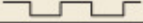
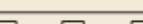
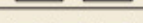
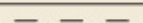
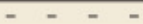
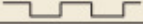
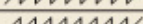
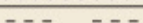
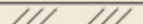
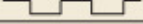
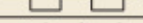
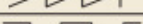
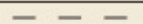
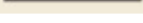
Drawing of Component



Designed by	KH	03.08.2011	Dimensions without tolerance $\pm 0.3\text{mm}$	Index: 00	Current date
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Schematic Diagrams and Characteristics

Tone table

TONE DESCRIPTION						
1st TONE	2nd TONE	TYPE	FREQUENCIES	TEMPORAL PATTERN		TYPICAL APPLICATION
1	14	Alternating	800 & 970	2Hz (250ms-250ms)		BS Fire tone
2	14	Sweep	800 to 970	7Hz (7/s)		BS Fire tone
3	14	Sweep	800 to 970	1Hz (1/s)		BS Fire tone
4	14	Continuous	2850	Steady		General purpose
5	4	Sweep	2400 to 2850	7Hz		General purpose
6	4	Sweep	2400 to 2850	1Hz		General purpose
7	14	Slow whoop	500 to 1200	3.5s sweep, 0.5 s silence, then repeat		Dutch tone (NEN 2575)
8	14	Sweep	1200 to 500	1Hz		Din tone (33 404)
9	4	Alternating	2400 & 2850	2Hz (250ms-250ms)		General purpose
10	14	Intermittent	970	0.5Hz (1s On/1s Off)		PFEER alert
11	14	Alternating	800 & 970	1Hz (500ms-500ms)		BS Fire tone
12	4	Intermittent	2850	0.5Hz (1s On/1s Off)		General purpose
13	14	Intermittent	970	0.8Hz (250ms On/1s Off)		General purpose
14	14	Continuous	970	Steady		PFEER Toxic-gas
15	14	Alternating	554 & 440	100ms-400ms		French fire tone
16	16	Intermittent	660	3.3Hz (150ms On/150ms Off)		Swedish (Air raid)
17	17	Intermittent	660	0.28Hz (1.8s On/1.8s Off)		Swedish (Local warning)
18	18	Intermittent	660	0.05Hz (13s Off / 6.5Hz On)		Swedish (Pre-mess)
19	19	Continuous	660	Steady		Swedish (All clear)
20	20	Alternating	554 & 440	0.5Hz (1s On/1s Off)		Swedish (Turn out)
21	21	Intermittent	660	1Hz (500ms-500ms)		Swedish tone
22	14	Intermittent	2850	4Hz (150ms On/100ms Off)		Pelican crossing
23	14	Sweep	800 to 970	50Hz		BS Fire tone
24	4	Sweep	2400 to 2850	50Hz		General purpose
25	25	Intermittent	970	3 x 500ms pulses followed by 1.5s silence then repeat		ISO 8201 / Australia
26	26	Intermittent (I)	800 to 970	3 x 500ms pulsed sweep followed by 1.5s silence then repeat		ISO 8201 / Australia
27	27	Intermittent (I)	970 & 800	3 x 500ms pulsed two tone followed by 1.5s silence then repeat		ISO 8201 / Australia
28	10	Alternating	800 & 970	2Hz (250ms-250ms)		BS Fire tone
29	33	Alternating	990 & 650	2Hz (250ms-250ms) (Symphoni tones)		BS Fire tone
30	35	Alternating	510 & 610	2Hz (250ms-250ms) (Squashni Micro tones)		BS Fire tone
31	14	Sweep	300 to 1200	1Hz		General purpose
32	35	Alternating	510 & 610	1 Hz (500ms-500ms)		BS Fire tone
33	(1)	Continuous	990	Steady		BS Fire tone
34	(1)	Intermittent	990	1Hz (500ms On/500ms Off)		BS Fire tone
35	(1)	Continuous	510	Steady		BS Fire tone
36	(1)	Intermittent	510	1Hz (500ms On/500ms Off)		BS Fire tone
37	(1)	Continuous	850	Steady		BS Fire tone
38	(1)	Continuous	2650	Steady		General purpose

Reliability test

n.a.

Packaging Information

n.a.

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