



ELEKTRONISK MULTISIREN ES1-ES2

C115600113

ES2 Siren 32 toner 230 V AC IP65

- 32 valbara toner
- IP65
- 86-106 dB



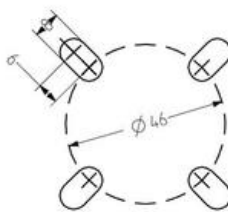
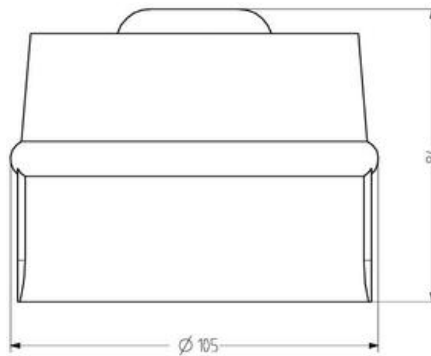
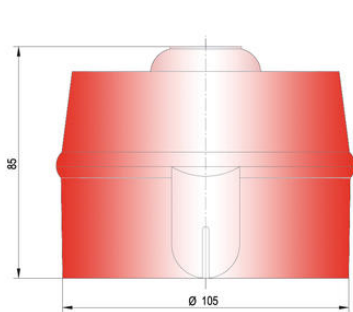
PRODUKTBESKRIVNING

ES1/ES2 är en kostnadseffektiv siren med 32 valbara toner. Volymen och tonvalet ställs in via dip-switchar. IP65 gör att den passar för såväl inomhus- som utomhusmontage.

TEKNISK DATA

Antal toner	32 st
Diameter	105 mm
Färg hus	Röd RAL 3000
IP-klass	IP65
Kabelingång	Botten eller från sidan
Ljudnivå max	107 dB
Ljudnivå min	77 dB
Ljudreglering	Ja
Matningsspänning AC max	230 V AC
Matningsspänning AC min	120 V AC
Montering	Ingen
Nominell ström max	0,035 A
Nominell ström min	0,006 A
Plintanslutning	2,5 mm ²
Strömförbrukning max	0,012 A
Temperaturområde från	-20 °C

Temperaturområde till	70 °C
Tonfrekvens max	2850 Hz
Tonfrekvens min	440 Hz
Vikt	295 g



Tone table

ES2

No.	Time	SP output	End stage alarm [Hz]
1	Wardle tone 800/1000 Hz @ 0.5 sec	8000	800
2	Wardle tone 800/1000 Hz @ 0.25 sec	8000	1000
3	Interpreted tone 800 Hz @ 0.5 sec on/off	8000	800
4	Interpreted tone 800 Hz @ 0.25 sec on/off	8000	1000
5	Blue Whistle 500-1000 Hz in 3 sec then 0.5 sec off	1000	500
6	Blue Whistle 1000-500 Hz in 3 sec then 0.5 sec off	1000	1000
7	Reduction tone 900 Hz @ 0.5 sec in 0.5 sec 0.25 sec off	1000	500
8	L.F. Sweep Frequency 800-1000 Hz in 0.5 sec	1000	800
9	L.F. Sweep Frequency 900-1000 Hz in 0.25 sec	1000	800
10	L.F. Sweep Frequency 800-1000 Hz in 0.1 sec	1000	800
11	Sweep Frequency 1000-800 Hz in 1 sec	1000	1000
12	Wardle tone 500 Hz @ 0.5 sec	1000	500
13	Wardle tone 500 Hz for 0.7 sec 1.400 Hz for 0.5 sec	1000	500
14	Interpreted tone 500 Hz for 0.5 sec on/off	1000	500
15	Interpreted tone 500 Hz for 0.25 sec on/off	1000	500
16	Interpreted tone 500 Hz for 0.1 sec on/off	1000	500
17	Group of 3 interpreted tone 1000 Hz @ 0.5 sec on/off then 1.5 sec off	1000	1000
18	Group of 3 interpreted tone 1000/500 Hz @ 0.5 sec then 1.5 sec off	1000	1000
19	Group of 3 Sweep 500-1000 Hz in 0.5 sec on/off then 1.5 sec off	1000	500
20	Group of 3 Sweep 1000-500 Hz in 0.5 sec then 1.5 sec off	1000	1000
21	Linear Frequency sweep 2000-2500 Hz in 0.5 sec	1000	2000
22	Linear Frequency sweep 2500-2000 Hz in 0.5 sec	1000	2000
23	H.F. warble tone 2000/2500 Hz @ 0.5 sec	1000	2000
24	H.F. warble tone 2500/2000 Hz @ 0.5 sec	1000	2000
25	H.F. Interpreted tone 2000 Hz @ 0.5 sec on/off	1000	2000
26	H.F. Interpreted tone 2500 Hz @ 0.5 sec on/off	1000	2000
27	Very fast H.F. sweep 2000-2500 Hz in 0.25 sec (30 Hz)	1000	2000
28	Fast H.F. sweep 2000-2500 Hz in 0.5 sec (15 Hz)	1000	2000
29	H.F. Sweep 2000-2500 Hz in 0.5 sec (30 Hz)	1000	2000
30	2 wing ramp 500-1000 Hz rising then falling in 0.25 sec	1000	500
31	Steady 2 wing ramp 3 sec rising then 3 sec falling 500-1000 Hz	1000	500
32	Long rising group 2000-500 Hz then 500-800 Hz off for 1 sec	1000	700

The sound pressure decreases by 6 dB when doubling the distance; the following distance table is to be seen as indication, as also factors like tone type, wind speed, wind direction, humidity, weather conditions etc. do influence the sound pressure level.

Distance (m)	Sound pressure dB (A)																			
1	65	70	75	80	85	90	92	94	95	98	100	102	104	106	108	110	112	114	116	118
2	59	64	69	74	79	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112
3	55	60	65	70	75	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108
5	51	56	61	66	71	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104
10	45	50	55	60	65	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98
20	39	44	49	54	59	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92
30	35	40	45	50	55	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88
50	31	36	41	46	51	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84
100	27	32	37	42	47	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80
200	23	28	33	38	43	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76
500	19	24	29	34	39	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72

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