



## ELEKTRONISK MULTISIREN ES1-ES2

C110620005

ES1 Siren 32 toner 24 V DC IP65 (E5378979)

- 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	93 mm
Färg hus	Röd RAL 3000
IP-klass	IP65
Kabelingång	Botten eller från sidan
Ljudnivå max	106 dB
Ljudnivå min	86 dB
Ljudreglering	Ja
Matningsspänning DC max	24 V DC
Matningsspänning DC min	24 V DC
Montering	Ingen
Nominell ström max	0,035 A
Nominell ström min	0,006 A
Plintanslutning	2,5 mm <sup>2</sup>
Temperaturområde från	-20 °C
Temperaturområde till	70 °C

Tonfrekvens max

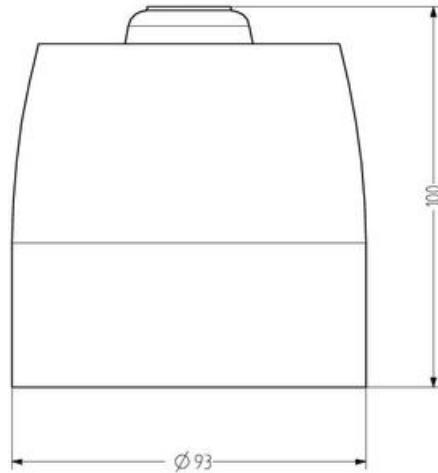
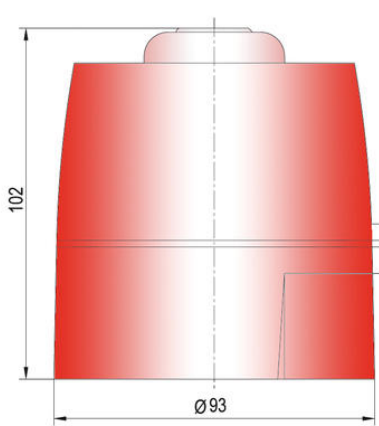
2900 Hz

Tonfrekvens min

440 Hz

Vikt

250 g



Tone table

ES1

No.	Sound	Description	DF	2nd stage drive Hz
1	LF sweep	800-1200 Hz @ 0.5 s	000	800 sweep
2	alternative warble	800 Hz @ 0.5 Hz	1000	800 sweep
3	warble tone	800/1000 Hz @ 0.5 s	1000	800 sweep
4	alternative warble	800/800 Hz @ 2 Hz	1000	800 sweep
5	MF back up interrupted tone	2.800 Hz @ 1.5 s on/off	0000	2.800 sweep
6	LF back up driver	800 Hz @ 100 ms on/off	1000	800 sweep
7	MF back up interrupted tone, fast	2.800 Hz @ 100 ms on/off	1000	800 sweep
8	LF continuous tone BS0301	800 Hz cont.	1000	same tone
9	sweep tone	800/900 Hz @ 1 Hz	0000	800 sweep
10	Australian clear whelp	interrupted tone 910 Hz @ 0.425 ms on/off	0000	2.75 s on 0.25 s off 1000/2000 0.5 s on
11	Quick sweep tone	910 Hz cont.	0000	0.5 s on
12	interrupted sweep tone	800/800 Hz @ 2 Hz	0000	800 sweep
13	sweep tone	800/910 Hz @ 2 Hz	0000	800 sweep
14	alternative MF slow sweep	2.200/2.900 Hz @ 2 Hz	0000	2.400 sweep
15	fast MF sweep	2.400-2.800 Hz @ 2 Hz	0000	2.400 sweep
16	LF temporal pattern LF	900 Hz @ 0.5 s on/off 0.5 s off for 1.5 s, repeat	0000	800 sweep
17	interrupted tone BS	800 Hz @ 0.5 s on/off	0000	800 sweep
18	BS0301 LF BS0301 FL 11888	interrupted 910 Hz @ 0.5 s on/off	0000	same tone
19	interrupted tone, medium	1.000 Hz @ 0.25 s on/off	0000	800 sweep
20	BS0301 HF	910 Hz @ 0.5 s on/off	0000	same tone
21	alternative tone	1000 Hz	0000	same tone
22	LF fast	800-910 Hz sweep @ 100 Hz	0000	800 sweep
23	MF continuous	2.800 Hz	0000	2.800 sweep
24	sweep tone	800-910 Hz @ 2 Hz	0000	800 sweep
25	Chirp-LN tone	sweep 1.000-2.000 Hz @ 1 Hz	0000	800 sweep
26	Beetle fly signal	interrupted 600 Hz @ 100 ms on/off	0000	same tone
27	LF sweep tone SFNCR	550 Hz @ 100 ms and 140 Hz @ 100 ms	0000	800 sweep
28	Beetle fly signal	continuous 600 Hz	0000	same tone
29	LF temporal pattern LF	2.900 Hz @ 0.5 s on/off 0.5 s off for 1.5 s, repeat	0000	2.900 sweep
30	Slow 2-way ramp, short	500/1.000 Hz rising then falling 0.25 s	0000	800 sweep
31	FP BS031 T-tacoma	alternating tone 800/910 Hz @ 2 Hz	0000	800 sweep
32	Slow 2-way ramp, long	500/1.000 Hz @ 0.5 s rising 0.5 s falling	0000	800 sweep

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	96	98	100	102	104	106	108	110	112	114	116	118	120
2	59	64	69	74	79	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114
3	55	60	65	70	75	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110
5	51	56	61	66	71	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106
10	45	50	55	60	65	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100
20	39	44	49	54	59	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94
30	35	40	45	50	55	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
50	30	35	40	45	50	55	57	59	61	63	65	67	69	71	73	75	77	79	81	83	85
100	25	30	35	40	45	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80
200	20	25	30	35	40	45	47	49	51	53	55	57	59	61	63	65	67	69	71	73	75
500	15	20	25	30	35	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70

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