



ELEKTRONISK MULTISIREN ES1-ES2

C110220005

ES1 SIREN 32 TONER 24VDC IP65

- 32 valbara toner
- IP65
- 86-106 dB



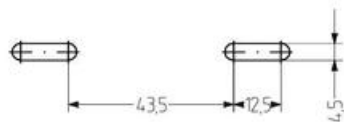
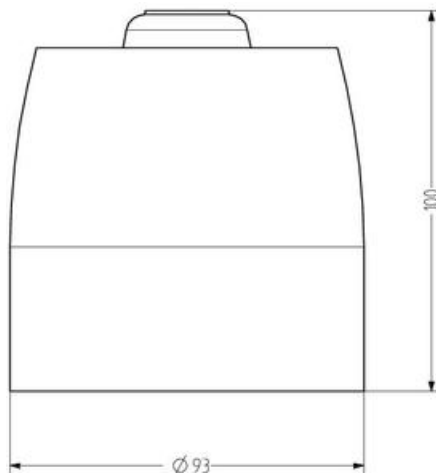
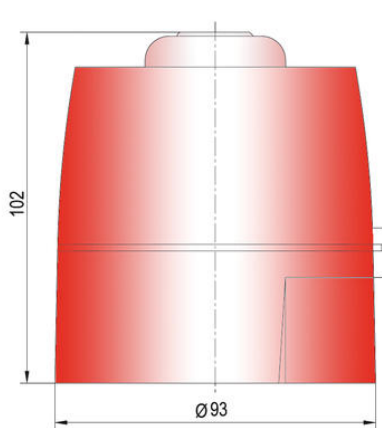
PRODUKTBESKRIVNING

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	93 mm
Färg hus	Vit
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 ²
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	DSP	2nd stage stereo Hz
1	LF sweep	800-1200 Hz @ 0.5 s	000	800 count
2	alternative words	800-1200 Hz @ 0.5 s	000	800 count
3	words tone	800-1200 Hz @ 0.5 s	000	800 count
4	alternative words	800-1200 Hz @ 0.5 s	000	800 count
5	HF back up interrupted tone	2.800 Hz @ 1.5 s on/off	000	2.800 count
6	LF back up alarm	800 Hz @ 100 ms on/off	000	800 count
7	HF back up interrupted tone, fast	2.800 Hz @ 100 ms on/off	000	800 count
8	LF continuous tone B3B3B3	800 Hz count	000	same tone
9	sweep tone	800-1200 Hz @ 1 Hz	000	800 count
10	Australian close whelp	Interrupted tone 970 Hz @ 0.425 s on/off	000	2.75 s on 0.25 s off 1000 x 2000 0.5 s on
11	Dutch sweep tone	970 Hz count	000	2.5 s on 0.5 s off
12	amalgam sweep tone	800-1200 Hz @ 0.5 s	000	800 count
13	sweep tone	800-1200 Hz @ 0.5 s	000	800 count
14	alternative HF slow sweep	2.200-2.800 Hz @ 0.5 s	000	2.400 count
15	fast HF sweep	2.400-2.800 Hz @ 0.5 s	000	2.400 count
16	LF temporal pattern LF	800 Hz @ 0.5 s on/off x 3, off for 1.5 s, repeat	000	800 count
17	interrupted tone B3 B3 B3 B3	800 Hz @ 0.5 s on/off	000	800 count
18	B3B3B3 LF B3B3B3 LF 11888	Interrupted 970 Hz @ 0.5 s on/off	000	same tone
19	interrupted tone, medium	1.000 Hz @ 0.25 s on/off	000	800 count
20	B3B3B3 HF	970 Hz @ 0.5 s on/off	000	same tone
21	continuous tone	1000 Hz	000	same tone
22	LF fast	800-1200 Hz sweep @ 100 Hz	000	800 count
23	HF continuous	2.800 Hz	000	2.800 count
24	sweep tone	800-1200 Hz @ 0.5 s	000	800 count
25	German DIN tone	sweep 1.000-1.500 Hz @ 1 Hz	000	800 count
26	Swedish fire signal	Interrupted 660 Hz @ 100 ms on/off	000	same tone
27	French tone B3B3B3	800 Hz @ 100 ms and 140 Hz @ 100 ms	000	800 count
28	Swedish LF alarm signal	continuous 800 Hz	000	same tone
29	LF temporal pattern HF	2.800 Hz @ 0.5 s on/off x 3, then off for 1.5 s, repeat	000	2.400 count
30	Swedish 3-way ramp, short	500-1.000 Hz rising then falling 0.25 s	000	800 count
31	HF B3B3 B3 B3 B3	interrupting tone 800-1200 Hz @ 0.5 s	000	800 count
32	Swedish 3-way ramp, long	500-1.000 Hz @ 0.5 s rising @ 1 falling	000	800 count

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
2	59	64	69	74	79	84	86	88	90	92	94	96	98	100	102	104
3	55	60	65	70	75	80	82	84	86	88	90	92	94	96	98	100
5	51	56	61	66	71	76	78	80	82	84	86	88	90	92	94	96
10	45	50	55	60	65	70	72	74	76	78	80	82	84	86	88	90
20	39	44	49	54	59	64	66	68	70	72	74	76	78	80	82	84
30	35	40	45	50	55	60	62	64	66	68	70	72	74	76	78	80
50	31	36	41	46	51	56	58	60	62	64	66	68	70	72	74	76
100																
200																
500																

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