



## SAMOSTATNÉ VIACTÓNOVÉ SIRÉNY SÉRIE ES1 / ES2

Série ES1/ES2

C115600113  
ES2 siréna červená 32 tónov 230 V



- Výber zo 32 druhov tónov
- 86 - 106 dB
- Krytie IP65
- Priaznivá cena

### POPIS PRODUKTU

Sirény pre vnútorné i vonkajšie použitie (IP 65), druh tónu je voliteľný DIP-prepínačom vnútri. Oba typy možno objednať v červenej a bielej farbe.

### ŠPECIFIKÁCIA

Druh montáže	Nezávislý
Farba tela	Červená RAL 3000
Frekvencia max	2850 Hz
Frekvencia min	440 Hz
Hladina zvuku max	107 dB
Hladina zvuku min	77 dB
Hmotnosť	295 g
Menovitý prúd max	0,035 A
Menovitý prúd min	0,006 A
Napájacie napätie AC max.	230 V AC
Napájacie napätie AC min.	120 V AC
Ovládanie zvuku	Áno
Počet tónov	32 ks
Prevádzková teplota max.	70 °C
Prevádzková teplota min.	-20 °C
Priemer	105 mm
Prierez vodičov	2,5 mm <sup>2</sup>

## Spotreba max.

0,012 A

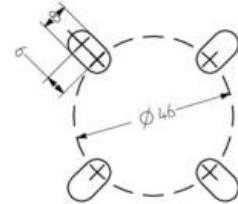
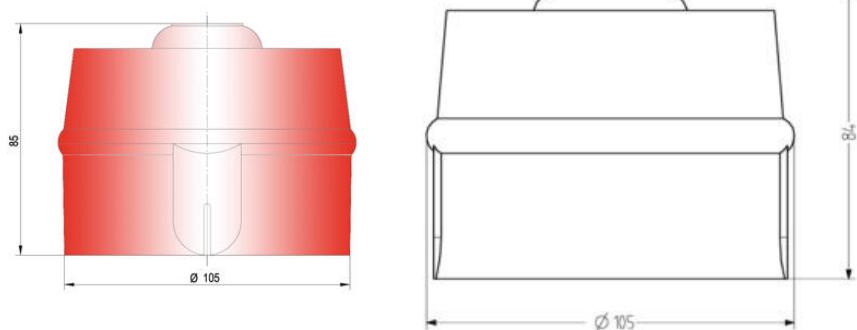
## Trieda krytie

IP65

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)																				
	65	70	75	80	85	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120
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	88	92	96	98	100	102	104	106	108	110	112	114	116	118	120
3	55	60	65	70	75	80	82	84	88	90	92	94	96	98	100	102	104	106	108	110	112
5	51	56	61	66	71	76	80	82	84	88	90	92	94	96	98	100	102	104	106	108	110
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	70	72	74	76	78	80	82	84	86	88	90	92	94	96
30	35	40	45	50	55	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
50	36	41	46	51	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88
100	40	45	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86
200	39	44	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84
500	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78

The sound pressure decreases by 6 dB when doubling the distance



## Tone table

### ES2

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)																				
	65	70	75	80	85	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120
1	65	69	74	79	84	88	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120
2	59	64	69	74	79	84	88	92	94	96	98	100	102	104	106	108	110	112	114	116	118
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	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108
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	70	72	74	76	78	80	82	84	86	88	90	92	94	96
30	35	40	45	50	55	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90
50	36	41	46	51	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88
100	40	45	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86
200	39	44	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84
500	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78

The sound pressure decreases by 6 dB when doubling the distance

No.	Tone	DIN switch	2nd stage switch [Hz]
1	Whistle tone 800/2000 Hz @ 0.5 sec	0/000	800
2	Whistle tone 800/2000 Hz @ 0.25 sec	0/000	1.000
3	Whistle tone 800/2000 Hz @ 0.125 sec	0/000	2.000
4	Interrupted tone 1000 Hz in 0.5 sec on/off	0/000	1.000
5	Slow Whoop 600/2000 Hz in 0.5 sec on/off	0/000	600
6	Slow Whoop 600/2000 Hz in 0.2 sec on/off	0/000	1.200
7	Slow Whoop 600/2000 Hz in 0.1 sec on/off	0/000	2.400
8	L.F. Sweep Frequency 800-1000 Hz @ 0.5 sec	0/000	800
9	L.F. Sweep Frequency 800-1000 Hz @ 0.25 sec	0/000	1.000
10	L.F. Sweep Frequency 800-1000 Hz @ 0.125 sec	0/000	2.000
11	Whistle tone 500-1000 Hz @ 0.5 sec	0/000	1.000
12	Whistle tone 500-1000 Hz @ 0.25 sec	0/000	2.000
13	Whistle tone 500-1000 Hz @ 0.125 sec	0/000	4.000
14	Interrupted tone 400 Hz for 0.5 sec on/off	0/000	400
15	Interrupted tone 400 Hz for 0.25 sec on/off	0/000	800
16	Interrupted tone 400 Hz for 0.125 sec on/off	0/000	1.600
17	(Group of 3) Interrupted tone 3000 Hz @ 0.5 sec on/off than 1.5 sec off	0/000	600
18	(Group of 3) Interrupted tone 3000 Hz @ 0.25 sec on/off than 1.5 sec off	0/000	1.200
19	(Group of 3) Interrupted tone 3000 Hz @ 0.125 sec on/off than 1.5 sec off	0/000	2.400
20	Very Fast H.F. sweep 2000-2500 Hz in 0.5 sec	1/000	2.000
21	Fast H.F. sweep 2000-2500 Hz in 0.25 sec	1/000	4.000
22	H.F. sweep tone 2000/2500 Hz @ 0.5 sec	0/000	2.000
23	H.F. sweep tone 2000/2500 Hz @ 0.25 sec	0/000	4.000
24	H.F. sweep tone 2000/2500 Hz @ 0.125 sec	0/000	8.000
25	H.F. interrupted tone 2000 Hz @ 100 msec on/off	0/000	2.000
26	H.F. interrupted tone 2000 Hz @ 50 msec on/off	0/000	4.000
27	Very Fast H.F. sweep 2000-2500 Hz in 0.5 sec	1/000	2.000
28	Fast H.F. sweep 2000-2500 Hz in 0.25 sec	1/000	4.000
29	H.F. sweep 2000-2500 Hz in 0.125 sec	1/000	8.000
30	Fast H.F. sweep 2000-2500 Hz in 0.25 sec	1/000	16.000
31	Slow F.mg. comp. 3 sec ringing than 0.5 sec falling, 500-1000 Hz	0/000	900
32	Omg. Ding group 2700-0 Hz, than 570-80 Hz off for 4 sec	0/0000	900

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