



AUER - ELEKTRONICZNE SYRENY WIELOTONOWE ES1 - ES2

C110620005

ES1 Syrena wielotonowa, czerwona, 32 tony, 106dB,
24VDC

- 32 tony do wyboru
- IP65
- 86-106 dB



OPIS PRODUKTU

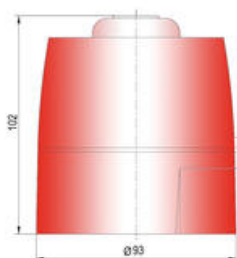
Elektroniczne syreny wielotonowe serii ES1/ES2 firmy Auer wyposażona w 32 tony do wyboru. Natężenie dźwięku oraz wybór tonu jest wybierane za pomocą DIP switch'a. Stopień ochrony IP 65 pozwala na stosowanie w aplikacjach wewnętrznych i zewnętrznych.

DANE TECHNICZNE

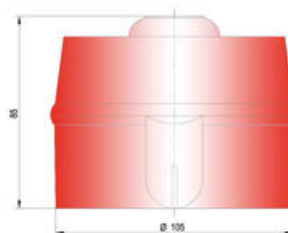
	ES1	ES2
Kolor obudowy	Czerwony, biały	Czerwony, biały
Liczba tonów	32	32
Napięcie	24 V DC	110–230 V AC
Zakres temperatury	-20 °C to +70 °C	-20 °C to +70 °C
Natężenie dźwięku	86–106 dB	86–106 dB
Masa	250 g	295 g
Certyfikaty	CE	CE

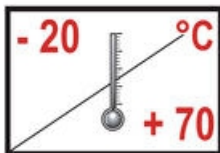
WYMIARY

ES1



ES2





NUMER ZAMÓWIENIA

Nr zamówienia	Typ	Opis
C110620005	ES1	Syrena wielotonowa, czerwona obudowa
C110220005	ES1	Syrena wielotonowa, biała obudowa
C115600113	ES2	Syrena wielotonowa, czerwona obudowa
C115200113	ES2	Syrena wielotonowa, biała obudowa

SPECYFIKACJA TECHNICZNA

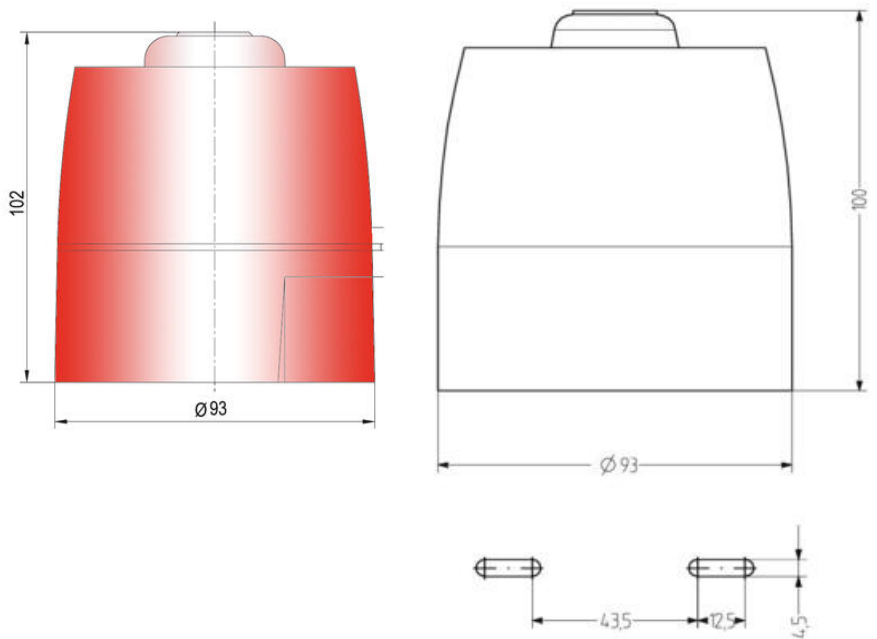
Częstotliwość tonu maks.	2900 Hz
Częstotliwość tonu min.	440 Hz
Kolor obudowy	Czerwony RAL 3000
Liczba tonów	32 szt
Masa	250 g
Max. temperatura pracy	70 °C
Min. temperatura pracy	-20 °C
Montaż	Niezależny
Napięcie zasilania DC max.	24 V DC
Napięcie zasilania DC min.	24 V DC
Natężenie dźwięku maks.	106 dB
Natężenie dźwięku min.	86 dB
Prąd znamionowy maks.	0,035 A
Prąd znamionowy min.	0,006 A
Średnica	93 mm
Sterowanie dźwiękiem	Tak
Stopień ochrony IP	IP65
Terminal połączeniowy	2,5 mm ²

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	31	36	41	46	51	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	
100		40	45	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80			
200			35	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72		
500				31	35	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	

The sound pressure decreases by 3 dB when doubling the distance.

The sound pressure decreases by 6 dB when doubling the distance



Tone table

ES1

No.	Sound	Description	SNR	2nd stage alarm Hz
1	LF sweep	800-1000 Hz @ 0.5 s	1001	800 count
2	alternative whistle	800/900 Hz @ 2 Hz	1010	800 count
3	whistle tone	800/1000 Hz @ 0.5 s	1001	800 count
4	alternative whistle	800/900 Hz @ 2 Hz	1010	800 count
5	HF back up interrupted tone	2.800 Hz @ 1.0 s on/off	1001	2.800 count
6	LF back up alarm	800 Hz @ 100 ms on/off	1010	800 count
7	LF back up alarm, signal tone, fast	2.800 Hz @ 100 ms on/off	1001	800 count
8	LF continuous tone 800/900	800 Hz count	1010	same tone
9	average tone	800/900 Hz @ 1 Hz	1001	800 count
10	Australian alarm whistle	Interrupted tone 910 Hz @ 0.45 s on/off	1010	500-1000 3.5 s on 0.5 s off
11	Quick sweep tone	910 Hz count	1001	500-1000 3.5 s on 0.5 s off
12	intermittent sweep tone	800/900 Hz @ 2 Hz	1010	500 count
13	sweep tone	800/910 Hz @ 2 Hz	1001	800 count
14	alternative HF alarm sweep	2.800-3.800 Hz @ 2 Hz	1010	2.800 count
15	fast HF sweep	2.800-3.800 Hz @ 2 Hz	1001	2.800 count
16	US temporary pattern LF	910 Hz @ 0.5 s on/off, 3 s off for 1.0 s, repeat	1000	800 count
17	intermittent tone 800 Standard	800 Hz @ 0.5 s on/off	0101	800 count
18	ICOM201 LF 800/900 Hz 1000	Intermittent 910 Hz @ 0.5 s on/off	0102	same tone
19	intermittent tone, medium	1.000 Hz @ 0.5 s on/off	0101	800 count
20	ICOM201 HF	910 Hz @ 0.5 s on/off	0102	same tone
21	continuous tone	800 Hz	0101	same tone
22	LF alarm	800/900 Hz average @ 10 Hz	0102	800 count
23	HF continuous	2.800 Hz	0101	2.800 count
24	sweep tone	800-910 Hz @ 2 Hz	0100	800 count
25	German DIN tone	average 1.800-2.000 Hz @ 1 Hz	0101	800 count
26	Beckhoff fire signal	Intermittent 800 Hz @ 100 ms on/off	0101	same tone
27	French tone AFNOR	510 Hz @ 100 ms and 440 Hz @ 100 ms	0101	800 count
28	Beckhoff oil clear signal	continuous 800 Hz	0101	same tone
29	US temporary pattern HF	2.800 Hz @ 0.5 s on/off, 3 s off for 1.0 s, repeat	0101	2.800 count
30	Slow 2-way ramp, short	800/1000 Hz rising then falling 0.5 Hz	0101	800 count
31	FF 0001.1 T-tone	alternating tone 800/910 Hz @ 2 Hz	0101	800 count
32	Slow 2-way ramp, long	500/1.000 Hz @ 0.5 rising/0.5 falling	0101	800 count

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100																						
200																						
500																						

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