



LED FLASHING BEACON/SOUNDER, CS1

C111222005

LED Alarm sounder, White housing, Red, 24 V dc, CS2

- Vertical or horizontal mount, cost effective beacon with sounder
- 86-106 dB Range
- Flashing beacon with 32 tones



PRODUCT DESCRIPTION

The CS1 is a cost effective combination-module with flashing LEDs. Tone selection and noise levels are set using internal dip-switches and the unit is IP65 for mounting both indoors and outdoors.

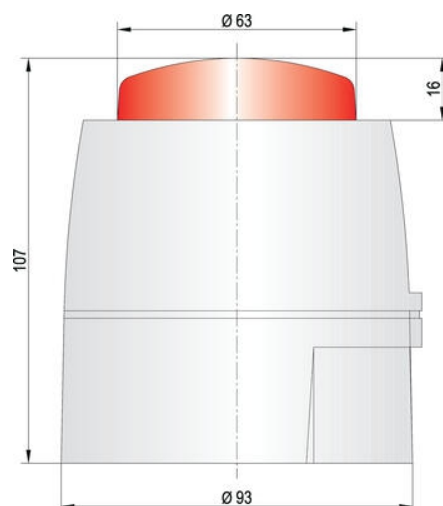
With 32 different tone settings available the CS1 is suitable for many signalling applications.

- cost effective LES flashing beacon electronic multitone siren
- 32 tones
- tone type and volume selectable via DIP switch
- low nominal current (11 - 37 mA)
- quick fit installation by bayonet fixing
- lateral cable entry possible

TECHNICAL DATA

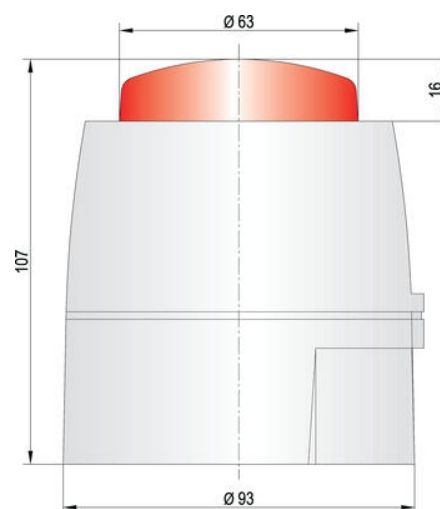
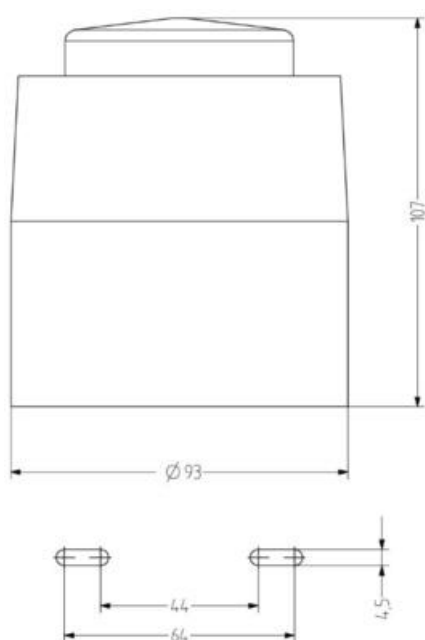
Flash frequency	1 Hz
Housing Colour	White
IP class	IP65
Lens colour	Red
Light source	LED
Light type	Orange LED
Mounting	Horizontal, Vertical
Nominal current max	0.041 A
Nominal current min	0.014 A
Number of tones	32

Sound control	Yes
Sound level max	109 dB
Sound level min	88 dB
Supply voltage	24 V
Supply voltage ac/dc max	35 V
Supply voltage ac/dc min	18 V
Temperature operational max	70 °C
Temperature operational min	-20 °C
Tone frequency max	2900 Hz
Tone frequency min	440 Hz
Weight	258 g



Tontabelle / Tone table

No.	Sound	Tone frequency	DR-switch	2nd stage alarm (Hz)
1	1 F Siren	800 Hz on 0.5 sec	11111	800 cont
2	Overhead tone BS standard	1020 Hz on 24s	11110	800 cont
3	Warning tone BS standard	800/1000 Hz on 0.5 sec	11101	800 cont
4	Overhead tone US standard	1020 Hz on 24s	11100	800 cont
5	1 F Back up horn/alarms	1020 Hz on 0.5 sec on/off	11011	200 cont
6	1 F Back up alarm	1020 Hz on 1.0 sec on/off	11010	800 cont
7	1 F Back up horn/alarms - Int	1020 Hz on 1.0 sec on/off	11001	800 cont
8	1 F Cordless tone BS/US	800 Hz cont	11000	Same tone
9	Overhead tone 1190	1020 Hz on 11s	10111	800 cont
10	Australian slow whoop	Intermittent 970Hz 0.625ms on/0.625ms off	10110	1.75 sec on 0.5 sec off 800/200
11	Dutch sweep tone	970Hz cont	10101	1.5 sec on 0.5 sec off 800/200
12	Overhead tone tone	1020 Hz on 24s	10100	800 cont
13	Overhead tone 24s	1020 Hz on 24s	10011	800 cont
14	Overhead 1F also siren	1020/1000 Hz on 24s	10010	200 cont
15	Test/E-Alarm	800/1000 Hz on 24s	10001	200 cont
16	US Temporal Pattern 1F	2500Hz for 0.5 sec on 0.5 sec off/3 then 1.5 sec then repeat	10000	800 cont
17	Intermittent tone BS standard	Intermittent tone 800Hz on 0.5 sec on/off	01111	800 cont
18	250 BS/1 F BS/527 PS 1 189	Intermittent tone 970Hz 500ms on/500ms off	01110	Same tone
19	Intermittent tone standard	1000 Hz on 0.5 sec on/off	01101	800 cont
20	SC800 1F	Intermittent 2020 Hz 100ms on 400ms off	01100	Same tone
21	Continuous tone	800 Hz continuous	01011	Same tone
22	1 F Siren	800/1000 Hz on 0.5 sec	01010	800 cont
23	1 F Cordless tone	800 Hz	01001	200 cont
24	Overhead tone 24s	1020 Hz on 24s	01000	800 cont
25	Overhead 1F tone	Intermittent 1020/1000 Hz on 11s	00111	800 cont
26	Overhead tone pulse	Intermittent 660 Hz 350 ms on / 550 ms off	00110	Same tone
27	French tone 2190	2190 Hz for 100 ms and 1000 Hz for 500ms	00100	800 cont
28	Overhead tone standard	Continuous 600 Hz	00101	Same tone
29	US Temporal Pattern 1F	2020 Hz for 0.5 sec on 0.5 off/3 off for 1.5 sec then repeat	00011	200 cont
30	Siren 2 sec ramp 1/short	800/2000 Hz rising then falling @ 25 sec	00010	800 cont
31	FP 1033-1 - 1st tone	Intermittent tone 800/970 Hz on 24s	00000	800 cont
32	Siren 2 sec ramp 1/long	800/2000 Hz 3 sec rising / 3 sec falling	00001	800 cont



Nr.	Sound	Tone frequency	DR switch	2nd stage alarm (Hz)
1	LF Buzzer	800 - 1000Hz at 0.5 sec	111111	800 cont
2	Alarm tone with 10% steady	800/900Hz at 2Hz	111110	800 cont
3	Warning tone 10% steady	800/1000Hz at 0.5 sec	111101	800 cont
4	Alarm tone with 10% steady	800/900Hz at 2Hz	111100	800 cont
5	LF Buzzer with 10% steady	800Hz at 1.0 sec on/off	110111	800 cont
6	LF Buzzer with 10% steady	800Hz at 1.0 sec on/off	110110	800 cont
7	LF Buzzer with 10% steady	800Hz at 1.0 sec on/off	110011	800 cont
8	LF Buzzer tone 10% steady	800Hz on/off	110010	800 cont
9	Alarm tone 10% steady	800/900Hz at 1Hz	101111	800 cont
10	Australian slow whoop	Intermittent 970Hz 0.425ms on/0.425ms off	101110	800/900 3.75 sec on 0.425 sec off
11	Dutch sweep tone	970Hz cont	101011	0.5 sec on 0.5 sec off
12	Alarm tone 10% steady	800/900Hz at 2Hz	101010	800 cont
13	Alarm tone 10% steady	800/900Hz at 2Hz	100111	800 cont
14	Alarm tone 10% steady	800/900Hz at 2Hz	100110	800 cont
15	LF Buzzer tone	800/900Hz at 0.5 sec	100011	800 cont
16	US Temporal Pattern 1F	800Hz for 0.5 sec on 0.5 sec off	100010	800 cont
17	Intermittent tone 10% steady	Intermittent 800Hz at 0.5 sec on/off	011111	800 cont
18	800/900 LF 800/900 Hz 10% steady	Intermittent 970Hz 0.425ms on/0.425ms off	011110	800 cont
19	Intermittent tone 10% steady	Intermittent 800Hz at 0.5 sec on/off	011101	800 cont
20	800/900 LF	Intermittent 800Hz at 0.5 sec on/off	011100	800 cont
21	Continuous tone	1000Hz continuous	010111	800 cont
22	LF Buzzer	800/900Hz at 0.5 sec	010110	800 cont
23	LF Buzzer tone	800Hz	010011	800 cont
24	Alarm tone 10% steady	800/900Hz at 2Hz	010010	800 cont
25	German 10% steady	Intermittent 800/900Hz at 1Hz	001111	800 cont
26	Swedish 10% steady	Intermittent 600Hz 150 ms on / 500 ms off	001110	800 cont
27	French tone 10% steady	Intermittent 800Hz at 0.5 sec on/off	001101	800 cont
28	Swedish 10% steady	Intermittent 800Hz	001100	800 cont
29	US Temporal Pattern 1F	800Hz for 0.5 sec on 0.5 sec off	000111	800 cont
30	Alarm 10% steady	Intermittent 800Hz at 0.5 sec on/off	000110	800 cont
31	LF Buzzer 10% steady	Intermittent 800Hz at 0.5 sec on/off	000101	800 cont
32	Alarm 10% steady	Intermittent 800Hz at 0.5 sec on/off	000100	800 cont

