

FL-RL-R-SEP

Combined Flashing light and Siren



40-440	FL-RL-R-SEP, Red, combined flashing light & siren, 18..28V DC (85 mA at 24 VDC)
40-441	FL-BL-V-SEP, Blue, combined flashing light & siren, 18..28V DC (85 mA at 24 VDC)
40-442	FL-OL-V-SEP, Orange, combined flashing light & siren, 18..28V DC (85 mA at 24 VDC)
40-420	SOCK-H-R-230 Socket for 230V AC
40-420-ND	Extra power supply for SOCK-H-R-230 (Used if flashing light and siren are used separately)

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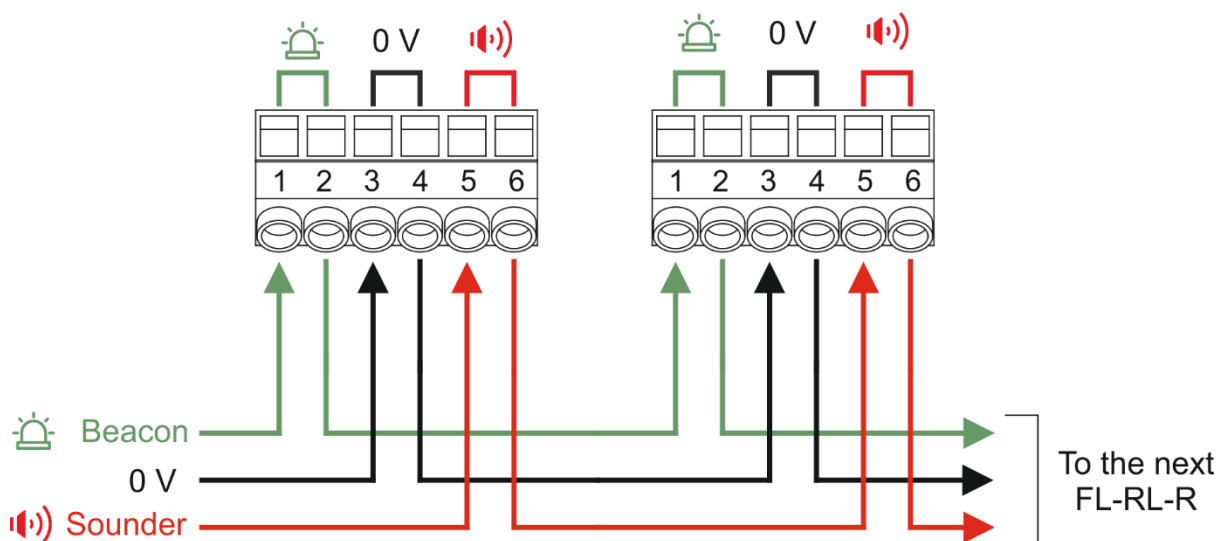
Technical data

Nominal voltage:	24 VDC (18..28 VDC)
Current consumption:	94 mA max (See Setup: index nr. 5)
Sound level:	104 dB(A) (See Setup: index nr. 7)
Cable area:	0,28 mm ² ..2,5 mm ²
Operating temperature range:	-10..55 °C
Housing material:	ABS V0
Ingress protection class:	IP65 (with standard high socket)

Connection terminals

Connector	Function	Direction	Note
1	Beacon	In	Terminals 1 and 2 are connected internally
2	Beacon	Out	
3	Ground	In	Terminals 3 and 4 are connected internally
4	Ground	Out	
5	Sounder	In	Terminals 5 and 6 are connected internally
6	Sounder	Out	

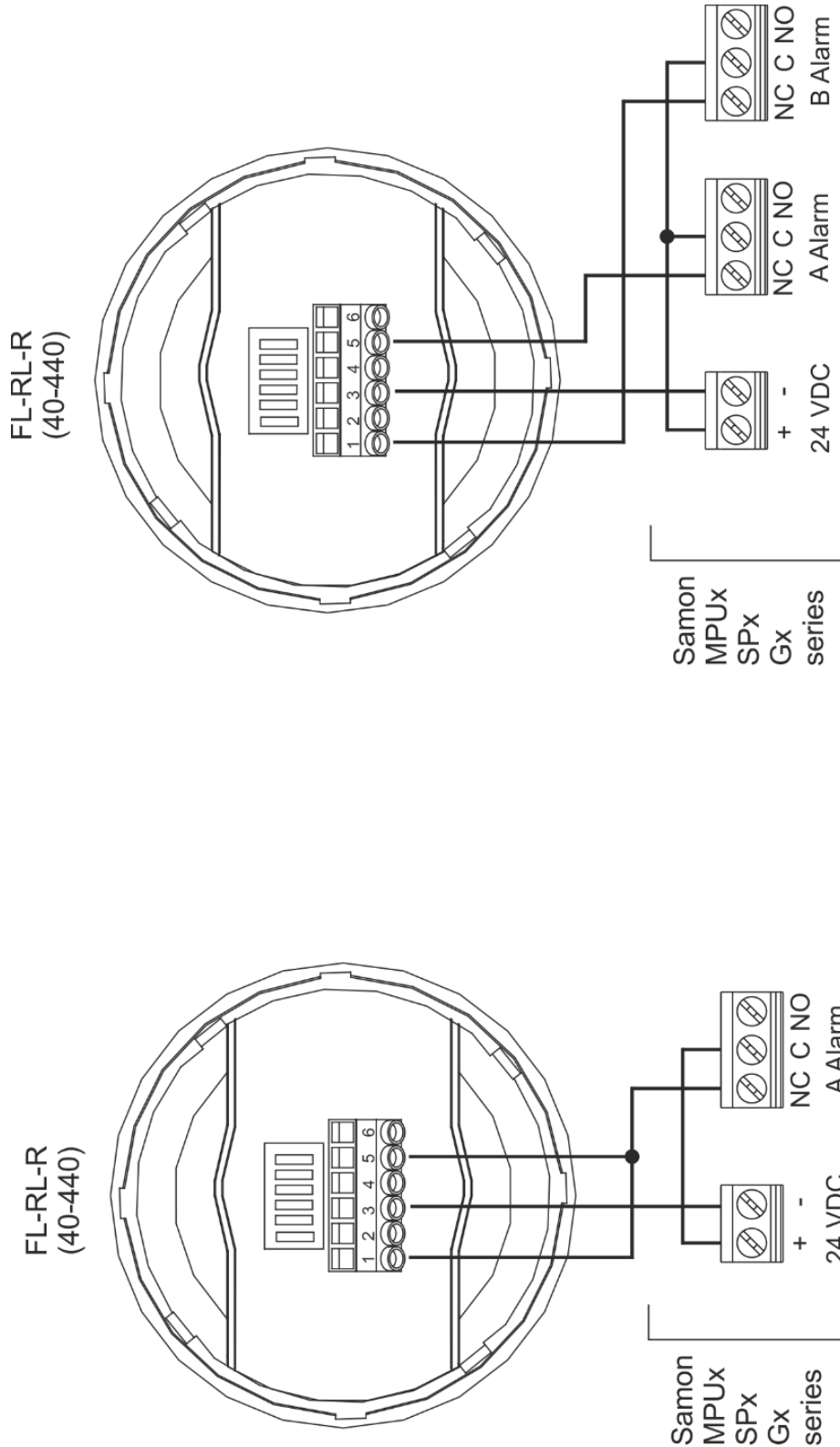
Connection of multiple units



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Connection to Samon products

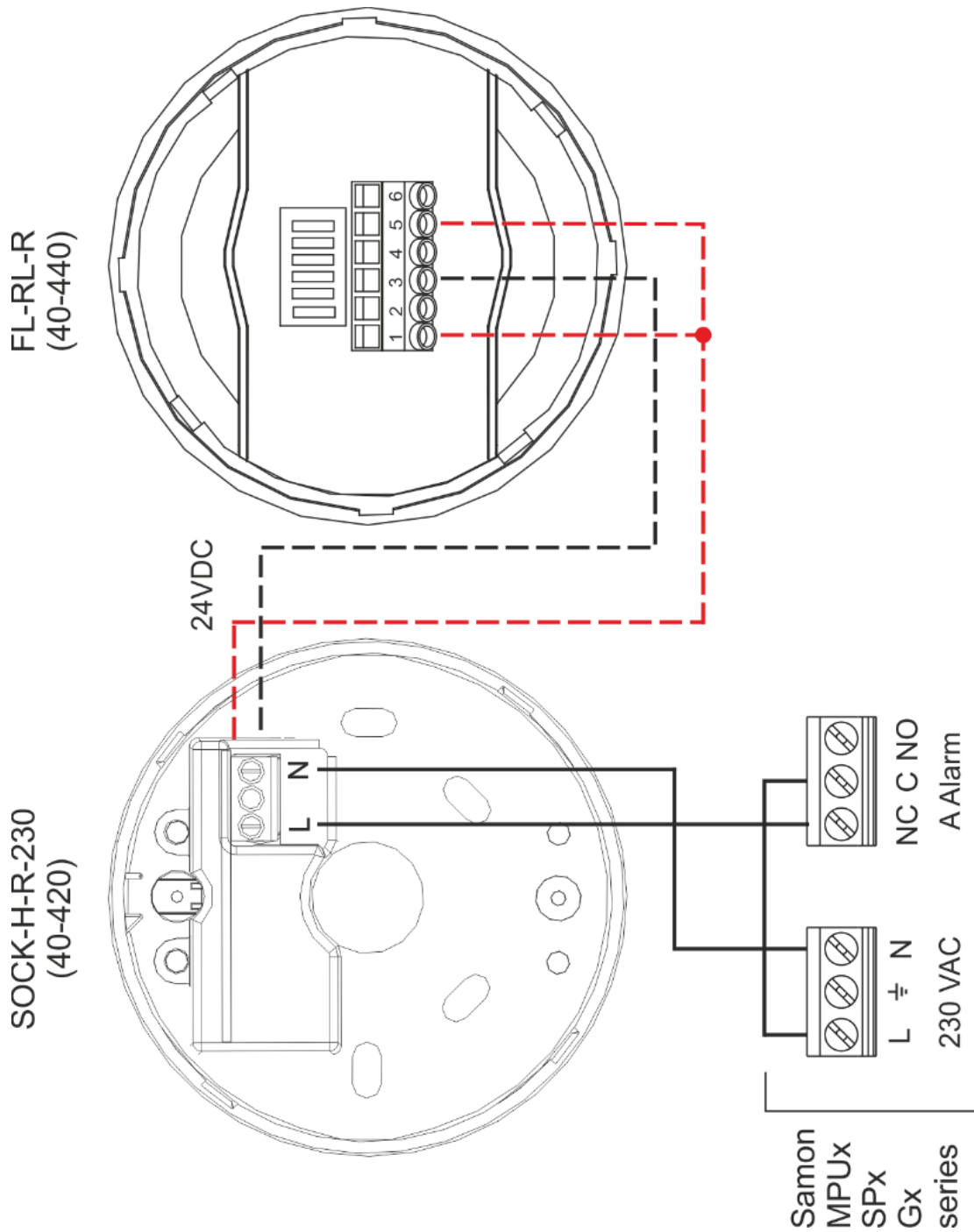


Beacon and siren activated separately

Beacon and siren activated at the same time

FL-RL-R-SEP

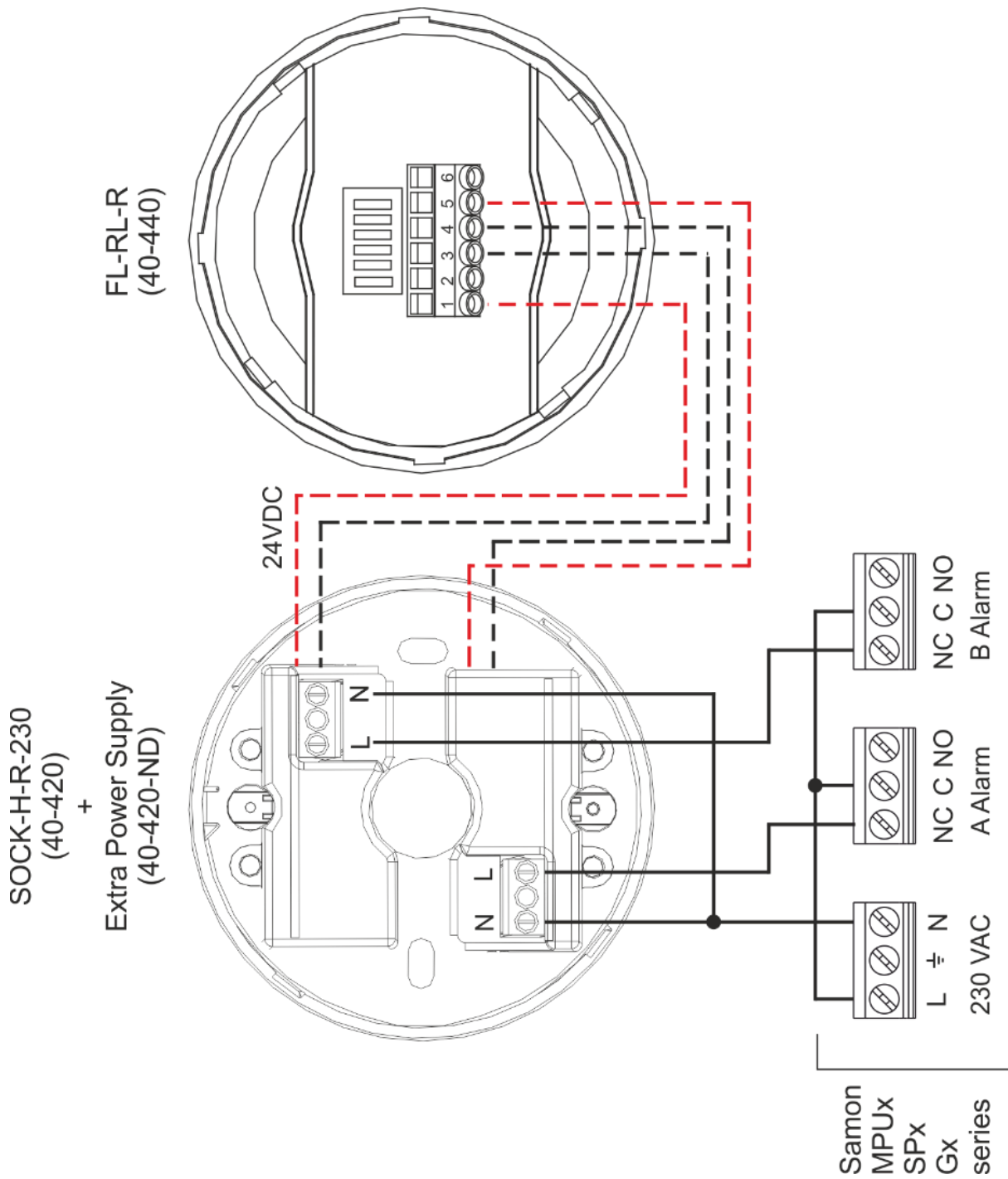
Combined Flashing light and Siren



Beacon and siren activated at the same time

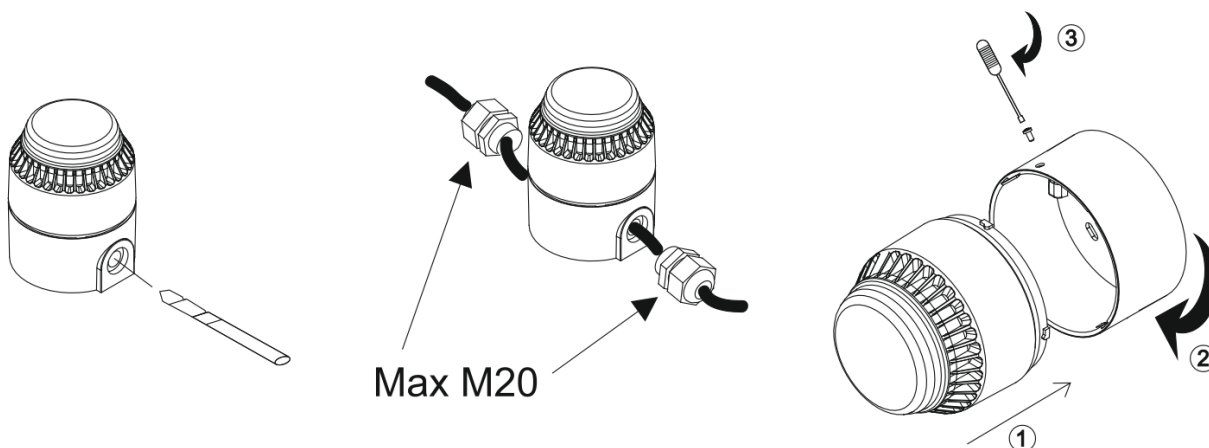
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Combined Flashing light and Siren

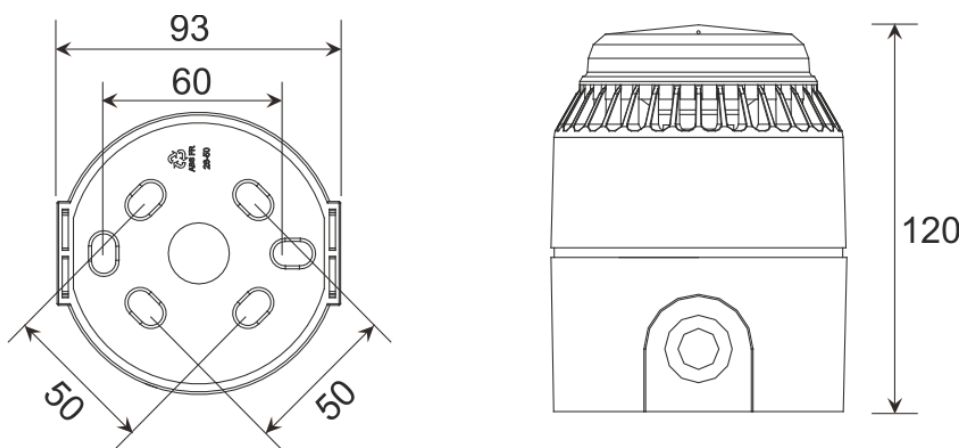


Beacon and siren activated separately

Installation

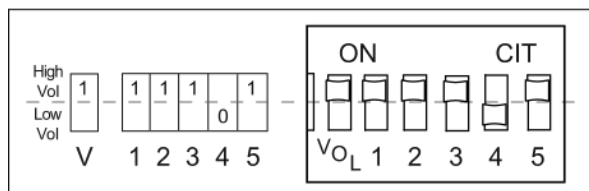


Dimensions



Setup - DIP switch positions

Example of Tone 3 setting



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Setup		Sound			Main Application	24V @ 20 °C	
Index	DIP Switch	Pattern	Frequency Hz	Rate		mA	dB(A)
1	11111	Alternating	800 & 970	2Hz (250ms-250ms)	BS Fire	86	92
2	11110	Sweep	800 to 970	7Hz (7/s)	BS Fire	86	91
3	11101	Sweep	800 to 970	1Hz (1/s)	BS Fire	86	93
4	11100	Continuous	2850	Steady	General Purpose	93	95
5	11011	Sweep	2400 to 2850	7Hz	General Purpose	94	95
6	11010	Sweep	2400 to 2850	1Hz	General Purpose	92	101
7	11001	Slow whoop	500 to 1200	3s sweep, 0.5 s silence, then repeat	Dutch fire (NEN 2575)	84	104
8	11000	Sweep (DIN)	1200 to 500	1Hz	German fire (DIN 33 404)	87	95
9	10111	Alternating	2400 & 2850	2Hz (250ms-250ms)	General Purpose	92	94
10	10110	Intermittent	970	0.5Hz (1s On/1s Off)	PFEER alert	85	95
11	10101	Alternating	800 & 970	1Hz (500ms-500ms)	BS Fire	85	92
12	10100	Intermittent	2850	0.5Hz (1s On/1s Off)	General Purpose	88	92
13	10011	Intermittent	970	0.8Hz (250ms On/1s Off)	General Purpose	83	95
14	10010	Continuous	970	Steady	PFEER toxic gas	85	91
15	10001	Alternating	554 & 440	100ms-400ms	French fire (NFS 32-001)	87	92
16	10000	Intermittent	660	3.3Hz (150ms On/150ms Off)	Swedish (Air Raid)	84	93
17	01111	Intermittent	660	0.28Hz (1.8s On/1.8s Off)	Swedish (Local warning)	84	92
18	01110	Intermittent	660	0.05Hz (13s Off / 6.5Hz On)	Swedish (Pre-mess)	85	93
19	01101	Continuous	660	Steady	Swedish (All clear)	84	93
20	01100	Alternating	554 & 440	0.5Hz (1s On/1s Off)	Swedish (Turn out)	86	93
21	01011	Intermittent	660	1Hz (500ms-500ms)	Swedish general purpose	84	93
22	01010	Intermittent	2850	4Hz (150ms On/100ms Off)	Pelican crossing	90	94
23	01001	Sweep	800 to 970	50Hz	BS Fire	85	92
24	01000	Sweep	2400 to 2850	50Hz	General Purpose	93	101
25	00111	Intermittent	970	3 x 500ms pulses, 1.5s silence, then repeat	ISO 8201	83	92
26	00110	Intermittent	800 to 970	3 x 500ms pulsed sweep, 1.5s silence, then repeat	ISO 8201	84	94
27	00101	Intermittent	970 & 800	3 x 500ms pulsed sweep, 1.5s silence, then repeat	ISO 8201	83	91
28	00100	Alternating	800 & 970	2Hz (250ms-250ms)	BS Fire	86	91
29	00011	Alternating	990 & 650	2Hz (250ms-250ms) (Symphoni tones)	BS Fire	87	95
30	00010	Alternating	510 & 610	2Hz (250ms-250ms) (Squashni Micro tones)	BS Fire	86	91
31	00001	Sweep	300 to 1200	1Hz	General Purpose	87	95
32	00000	Alternating	510 & 610	1Hz (500ms-500ms)	BS Fire	86	92