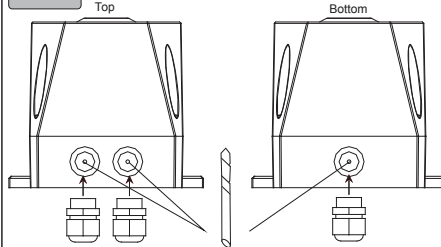
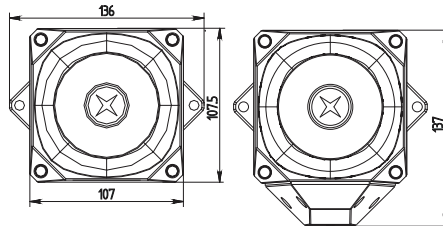
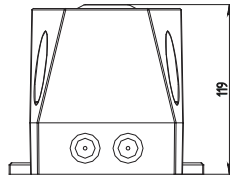
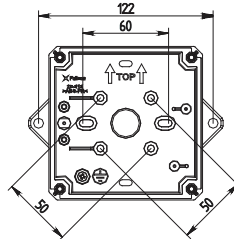
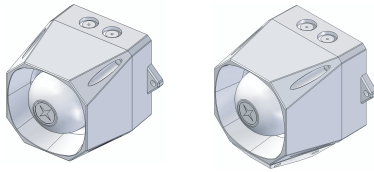
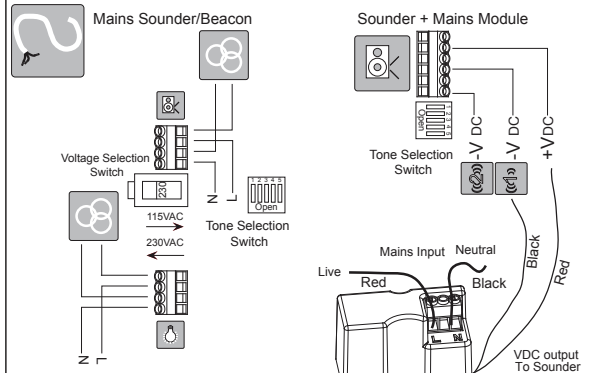
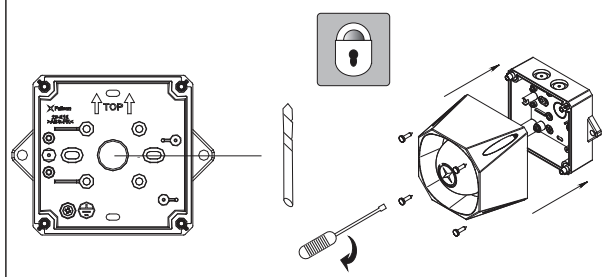


# asserta mini



	Sounder + Mains Module	Sounder/Beacon	
	Mains Module 110VAC ~ 240VAC Sounder 24VDC	115VAC	230VAC
	<20mA	80mA	68mA
	0.28mm <sup>2</sup> ~ 2.5mm <sup>2</sup>	0.28mm <sup>2</sup> ~ 2.5mm <sup>2</sup>	
	-25°C ~ +70°C	-25°C ~ +70°C	
	ABS V0	ABS V0	
	Type B = IP66	Type B = IP66	
	32	32	
	-	1Hz	

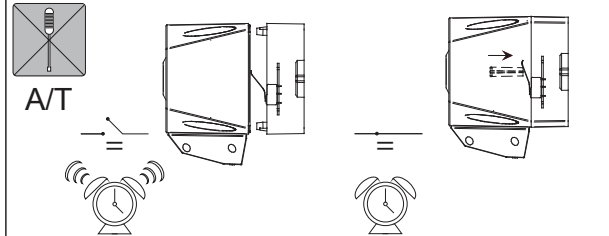
Product exceeds minimum requirements of EN54-3  
 See [www.fullleon.com](http://www.fullleon.com)  
 Le produit dépasse les exigences minimum de EN54-3  
 Voir [www.fullleon.com](http://www.fullleon.com)  
 Das Erzeugnis erfüllt die Mindestanforderungen von EN54-3.  
 Siehe [www.fullleon.com](http://www.fullleon.com)  
 Il prodotto supera i requisiti minimi previsti dalla norma EN54-3  
 Vedi [www.fullleon.com](http://www.fullleon.com)  
 Product overtreft de minimale vereisten van EN54-3.  
 Zie [www.fullleon.com](http://www.fullleon.com)  
 El producto excede los requisitos mínimos de la norma EN54-3  
 Véase [www.fullleon.com](http://www.fullleon.com)  
 Produkten överträffar minsta krav enligt EN54-3  
 Se [www.fullleon.com](http://www.fullleon.com)



Installation must be in accordance with relevant national wiring regulations or codes for the intended application and voltages employed.

A suitable and readily accessible disconnect device shall be incorporated external to the equipment. An external 1A Anti Surge device is required to protect the installation.

**!! Warning !!**  
**Mains to be wired to the module in base only. Do not wire directly to sounder.**



Code	Tone 1	Tone 2	Tone 3	Waveform	Frequency	Pulse	Description	@20°C					
								+ Mains Module		115VAC		230VAC	
								mA	dB(A)	mA	dB(A)	mA	dB(A)
1	14	11111			800 & 970Hz	2Hz (250ms-250ms)	BS Fire Tone	13	100	67	104	43	103
2	14	11110			800 & 970Hz	7Hz (7/s)	BS Fire Tone	13	103	64	104	42	103
3	14	11101			800 & 970Hz	1Hz (1/s)	BS Fire Tone	13	105	61	105	41	105
4	14	11100			2850Hz	Steady	BS Fire Tone	28	104	66	106	41	107
5	4	11011			2400 ~ 2850Hz	7Hz		32	111	64	110	41	109
6	4	11010			2400 ~ 2850Hz	1Hz		33	112	63	111	41	110
7	14	11001			500 ~ 1200Hz	3.5s Sweep, 0.5s silence, then repeat	Dutch Fire Tone	11	106	60	106	41	106
8	14	11000			1200 ~ 500Hz	1Hz	DIN Tone	15	105	67	105	42	106
9	4	10111			2400 & 2850Hz	2Hz (250ms-250ms)		30	109	65	108	41	107
10	14	10110			970Hz	0.5Hz (1s On / 1s Off)		9	102	64	104	42	104
11	4	10101			800 & 970Hz	1Hz (500ms-500ms)	BS Fire Tone	13	102	62	104	43	104
12	4	10100			2850Hz	0.5Hz (1s On / 1s Off)		13	105	65	106	41	106
13	14	10011			970Hz	0.8Hz (250ms On / 1s Off)		6	102	67	103	40	103
14	14	10010			970Hz	Steady	BS Fire Tone	14	102	64	104	42	104
15	14	10001			554 & 440Hz	100ms ~ 400ms	French Fire Tone	17	105	64	106	41	106
16	16	10000			660Hz	3.3Hz (150ms On / 150ms Off)	Swedish Fire Tone	8	101	65	102	42	102
17	17	01111			660Hz	0.28Hz (1.8s On / 1.8s Off)	Swedish Fire Tone	7	102	60	103	52	103
18	18	01110			660Hz	0.05Hz (13s Off / 6.5Hz On)	Swedish Fire Tone	6	102	66	103	40	103
19	19	01101			660Hz	Steady	Swedish Fire Tone	12	102	66	103	39	103
20	20	01100			554 & 440Hz	0.5Hz (1s On / 1s Off)	Swedish Fire Tone	15	105	64	107	39	106
21	21	01011			660Hz	1Hz (500ms ~ 500ms)	Swedish Fire Tone	8	102	62	103	41	103
22	14	01010			2850Hz	4Hz (150ms On / 100ms Off)	Pelican Crossing	19	104	64	106	42	107
23	14	01001			800 ~ 970Hz	50Hz	BS Fire Tone	13	103	66	104	43	104
24	4	01000			2400 ~ 2850Hz	50Hz		32	110	66	110	42	110
25	25	00111			970Hz	3 x 500ms pulses followed by 1.5s silence then repeat	ISO 8201	7	102	66	104	40	104
26	26	00110			970 & 800Hz	3 x 500ms pulsed sweep followed by 1.5s silence	ISO 8201	7	104	66	105	40	106
27	27	00101			970 & 800Hz	3 x 500ms pulsed two tone followed by 1.5s silence		7	102	67	104	39	103
28	10	00100			800 & 970Hz	2Hz (250ms ~ 250ms)	BS Fire Tone	13	102	66	104	40	104
29	988Hz	00011			990 & 650Hz	2Hz (250ms ~ 250ms) (Symphoni Tones)	BS Fire Tone	21	105	67	106	42	106
30	510Hz	00010			510 & 610Hz	2Hz (250ms ~ 250ms) (Squashni Micro Tones)	BS Fire Tone	17	104	63	106	41	105
31	14	00001			300 ~ 1200Hz	1Hz		21	107	63	107	39	108
32	32	00000			510 & 610Hz	1Hz (500ms ~ 500ms)		17	105	63	106	40	106