

File Information

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Document Information

No. Of Pages: 1
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Sheets: 1 Sheet: Single Sided

Change History

Rev:	G
Change:	ECN 2031
Date:	06/08/12
User:	Carwyn Frost
Comments:	Update to Voltage rating
Rev:	H
Change:	ECN 2372
Date:	01/10/13
User:	MW/CJW
Comments:	Add Polish text. FURTHER UPDATED 16/12/13

Rev:	-
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User:	-
Comments:	-

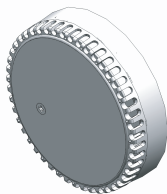
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Comments:	-

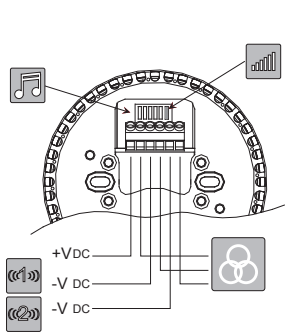
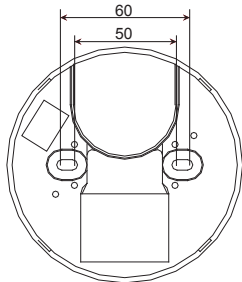
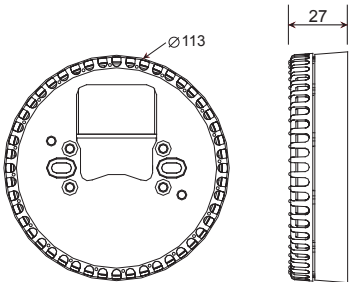
Squashni (SQ)
Squashni (SQ/SV)



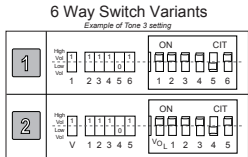
Squashni (SQ): 0832-CPD-0139 (18~28V)
Squashni (SQ/SV): 0832-CPD-1655 (18~28V)
VDS BMA G206022

EN54-3 Fire Alarm Device - Sounder
Dispositif d'alarme incendie EN54-3 – Avertisseur d'incendie
EN54-3 Feueralarmgerät – Töner
Dispositivo di allarme antincendio a norma EN54-3 - Sirena
EN54-3 Pożarowe urządzenia alarmowe - Sygnalizatory akustyczne
EN54-3 Brandalarm – sounder
Dispositivo de alarma de incendios EN54-3 – Timbre de alarma
EN54-3 Brandvarnare – Signalgivare

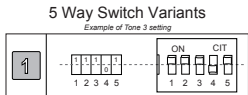
EN54-3		
Squashni (SQ) Squashni (SQ/SV)		
	9 ~ 15VDC 18 ~ 28VDC	9 ~ 28VDC
	35mA max	
	0.28mm ² - 2.5mm ²	
	-10 °C ~ +55 °C	
	ABS V0	
	Type A - IP21C	
	6	32



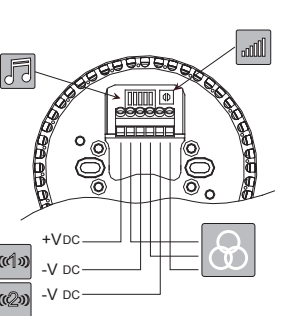
SQ/SV



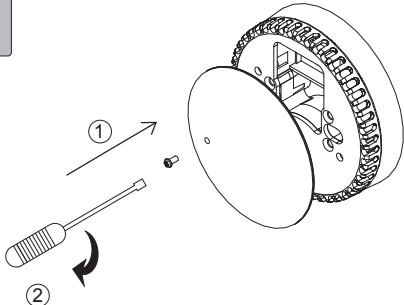
SQ/SV



SQ



SQ



							Main Application	24V @ 20°C		
			Pattern	Frequency Hz	Rate	Depiction		mA	dB(A)	EN54-3 Min SPL @ 28Vdc @ Max Volume @ Loudest node dB(A)
1	14	11111	Alternating	800 & 970	2Hz (250ms-250ms)		BS Fire	18	93	*
2	14	11110	Sweep	800 to 970	7Hz (7/s)		BS Fire	18	93	*
3	14	11101	Sweep	800 to 970	1Hz (1/s)		BS Fire	18	93	91
4	14	11100	Continuous	2850	Steady		General Purpose	32	102	*
5	4	11011	Sweep	2400 to 2850	7Hz		General Purpose	30	102	*
6	4	11010	Sweep	2400 to 2850	1Hz		General Purpose	30	102	*
7	14	11001	Slow whoop	500 to 1200	3s sweep, 0.5 s silence, then repeat		Dutch fire (NEN 2575)	20	91	94
8	14	11000	Sweep (DIN)	1200 to 500	1Hz		German fire (DIN 33 404)	16	91	94
9	4	10111	Alternating	2400 & 2850	2Hz (250ms-250ms)		General Purpose	30	101	*
10	14	10110	Intermittent	970	0.5Hz (1s On/1s Off)		PFEER alert	12	91	*
11	14	10101	Alternating	800 & 970	1Hz (500ms-500ms)		BS Fire	18	92	*
12	4	10100	Intermittent	2850	0.5Hz (1s On/1s Off)		General Purpose	24	98	*
13	14	10011	Intermittent	970	0.8Hz (250ms On/1s Off)		General Purpose	8	87	*
14	14	10010	Continuous	970	Steady		PFEER toxic gas	20	92	86
15	14	10001	Alternating	440 & 554	400ms/100ms		French fire (NFS 32-001)	12	87	*
16	16	10000	Intermittent	660	3.3Hz (150ms On/150msOff)		Swedish (Air Raid)	9	88	*
17	17	01111	Intermittent	660	0.28Hz(1.8s Off /1.8s On)		Swedish (Local warning)	12	92	*
18	18	01110	Intermittent	660	0.05Hz(13s Off / 6.5s On)		Swedish (Pre-mess)	14	93	*
19	19	01101	Continuous	660	Steady		Swedish (All clear)	14	93	*
20	20	01100	Alternating	440 & 554	0.5Hz (1s On/1s Off)		Swedish (Turn out)	13	90	*
21	21	01011	Intermittent	660	1Hz 500ms-500ms)		Swedish general purpose	10	90	*
22	14	01010	Intermittent	2850	4Hz (150ms On/100ms Off)		Pelican crossing	22	98	*
23	14	01001	Sweep	800 to 970	50Hz		BS Fire	18	92	*
24	4	01000	Sweep	2400 to 2850	50Hz		General Purpose	25	102	*
25	25	00111	Intermittent	970	3 x 500ms pulses, 1.5s silence, then repeat		ISO 8201	14	88	*
26	26	00110	Intermittent (I')	800 to 970	3 x 500ms pulsed sweep, 1.5s silence, then repeat		ISO 8201	20	97	*
27	27	00101	Intermittent (I')	970 & 800	3 x 500ms pulsed sweep, 1.5s silence, then repeat		ISO 8201	35	98	*
28	10	00100	Alternating	970 & 800	2Hz (250ms-250ms)		BS Fire	17	92	*
29	988Hz	00011	Alternating	990 & 650	2Hz (250ms-250ms) (Symphoni tones)		BS Fire	18	92	91
30	510Hz	00010	Alternating	510 & 610	2Hz (250ms-250ms) (Squashni Micro tones)		BS Fire	13	90	92
31	14	00001	Sweep	300 to 1200	1Hz		General Purpose	20	91	*
32	510Hz	00000	Alternating	510 & 610	1Hz (500ms-S-500mS)		BS Fire	35	98	*

- (i) Tones certified under the CPD (Fire Alarm Applications) are shown in the column marked EN54-3
(ii) All other SPL measurements are taken 'on axis' & are not third party verified.
(iii) Detailed EN54-3 polar SPL measurements are available in M96-024
(iii) A SPL of at least 65dB(A) is achieved in at least one direction at minimum volume/voltage.
(i) Les tons certifiés dans le cadre de la DPC (application alarme incendie) sont indiqués dans la colonne intitulée EN54-3.
(ii) Toutes les autres mesures NPA sont relevées « sur axe » et ne sont pas vérifiées par un tiers.
(iii) Les mesures NPA polaires détaillées EN54-3 sont disponibles dans M96-024
(i) Die nach CPD (Feuermelderanwendung) zertifizierten Töne sind in Spalte EN54-3.
(ii) Alle anderen Schalldruckmessungen wurden vom akustischen Mittelpunkt ab gelesen und von keiner unabhängigen Stelle verifiziert.
(iii) Detaillierte Polar-SPL-Messungen gemäß EN54-3 sind erhältlich in M96-024
(i) I toni della sirena certificati CPD (applicazione allarme antincendio) sono indicate nella colonna contrassegnata con EN54-3.
(ii) Tutte le altre misurazioni SPL sono state rilevate "sull'asse" e non sono state verificate da terzi.
(iii) Le misurazioni SPL polari ai sensi della norma EN54-3 sono disponibili in M96-024
(i) U vindt tonen die onder CPD (brandalarmtoepassing) zijn gecertificeerd, in de kolom waar EN54-3 staat vermeld.
(ii) Alle andere SPL-afmetingen zijn via de 'as' gedaan en niet door derden geverifieerd.
(iii) Uitgebreide polaire SPL-afmetingen voor EN54-3 zijn beschikbaar in M96-024

- (i) Los sonidos certificados por el CPD (aplicación para alarmas de incendios) se muestran en la columna marcada con EN54-3.
(ii) Cualquier otra medida del SPL (nivel de intensidad acústica) se toma "sobre el eje" y no está verificada por terceras partes.
(iii) Las medidas detalladas del SPL polar EN54-3 están disponibles en M96-024
(i) Signaler som är certifierade för CPD (brandvarnare) visas i kolumnen märkt EN54-3.
(ii) Alla övriga mätningar av ljudtrycket har genomförts "direkt intill" och är inte bekräftade av tredje part.
(iii) Detaljerade polära mätningar av ljudtrycket enligt EN54-3 finns under M96-024
(i) Sygnały dźwiękowe zgodne z CPD (do zastosowań pożarowych) wskazane są w kolumnie EN54-3.
(ii) Pomiar SPL wszystkich pozostałych sygnałów zostały wykonane „w osi” i nie były poddane weryfikacji przez stronę trzecią.
(iii) Szczegółowe dane pomiarów kątowych SPL wg EN54-3 dostępne są w dokumencie M96-024.

CE marking under the CPD was affixed on: (see batch code on product)
La marque CE dans le cadre de la DPC a été apposée le : (voir code de lot sur le produit)
CE-Kennzeichnung unter dem CPD angebracht am: (siehe Chargencode am Erzeugnis)
La marcatura CE ai sensi della direttiva CPD è stata apposta su: (vedi codice sul prodotto)
Znak CE umieszczony na wyrobie zgodny z wymogiem CPD: (patrz numer seryjny lub kod partii)
CE-markering onder CPD is toegewezen d.d.: (zie batchcode op het product)
CE-märkning enligt CPD fastes på: (se satskod på produkten)
Fulleon Ltd., Cwmbran, South Wales, U.K.
www.cooperfulleon.com