

File Information

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Comments:	Update to Voltage rating
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Change:	ECN 2372
Date:	01/10/13
User:	MWC/JW
Comments:	Add Polish text. FURTHER UPDATED 16/12/13
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Comments:	-

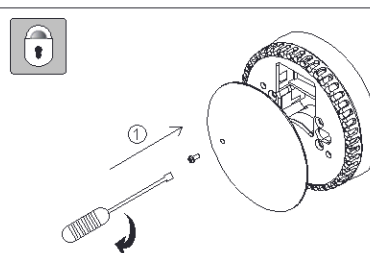
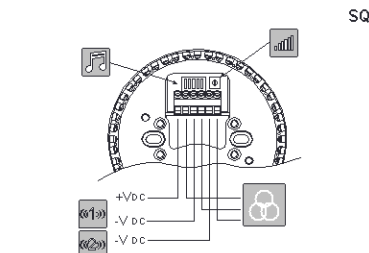
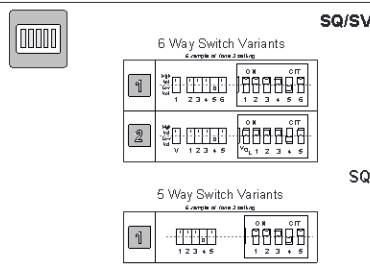
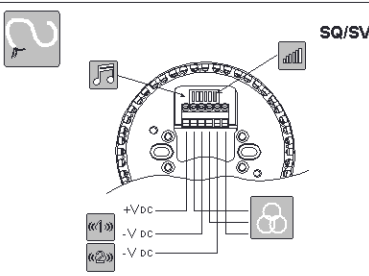
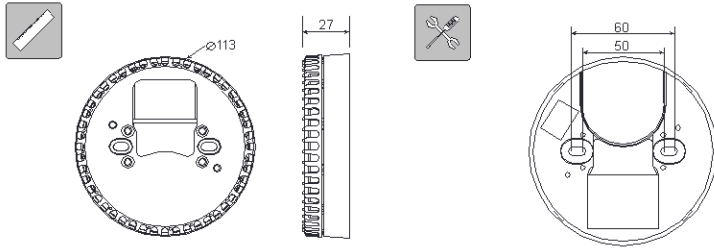
Squashni (SQ) Squashni (SQ/SV)



Squashni (SQ): 0832-CPD-0139 (18-28V)
 Squashni (SQ/SV): 0832-CPD-1655 (18-28V)
 VDS BMA G 206022

EN54-3 Fire Alarm Device - Sounder
 Dispositif d'alarme incendie EN54-3 - Avertisseur d'incendie
 EN54-3 Feueralarmgerät - Töner
 Dispositivo de alarma antincendio a norma EN54-3 - Sirena
 EN54-3 Pożarowe urządzenie 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 16 - 28VDC	0 - 28VDC
35mA max.	
0.28m ² - 2.5m ²	
-10°C - +55°C	
ABS VO	
Type A - IP21C	
6	32



Pattern	Frequency Hz	Rate	Deviation	Main Application	24V @ 20°C				
					mA	dB(A)	EN54-3 Min SPL @ 28Vdc @ Max Volume & Lowest no. of dB(A)		
1	14	11111	Alternating	800 & 970	2Hz (250ms-250ms)	18	93	-	
2	14	11110	Sweep	800 to 970	7Hz (7s)	18	93	-	
3	14	11101	Sweep	800 to 970	1Hz (1/s)	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 (On)	1200 to 500	1Hz	German fire (DIN 33 404)	18	91	94
9	4	10111	Intermittent	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	88
15	14	10001	Alternating	440 & 554	400ms/100ms	French fire (NF S 32-001)	12	97	-
16	18	10000	Intermittent	660	3.3Hz (150ms On/150ms Off)	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 (1.3s 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 (Tum 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)	Pallan 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 (*)	800 to 970	3 x 500ms pulsed sweep, 1.5s silence, then repeat	ISO 8201	20	97	-
27	27	00101	Intermittent (*)	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	999Hz	00011	Alternating	990 & 650	2Hz (250ms-250ms) (Symphonic tones)	BS Fire	18	92	91
30	510Hz	00010	Alternating	510 & 610	2Hz (250ms-250ms) (Squashni Microtones)	BS Fire	13	90	92
31	14	00001	Sweep	300 to 1200	1Hz	General Purpose	20	91	-
32	510Hz	00000	Alternating	510 & 610	1Hz (600ms-500ms)	BS Fire	35	98	-

(1) Tons certified under the CPD (Fire Alarm Applications) are shown in the column marked EN54-3
 (2) All other SPL measurements are taken 'on axis' & are not third party verified.
 (3) Detailed EN54-3 polar SPL measurements are available in M96-024
 (4) A SPL of at least 65dB(A) is achieved in at least one direction at minimum volume/voltage.
 (5) Les tons certifiés dans le cadre de la DPC (application alarme incendie) sont indiqués dans la colonne intitulée EN54-3.
 (6) Toutes les autres mesures NPA sont relevées « sur axe » et ne sont pas vérifiées par un tiers.
 (7) Les mesures NPA polaires détaillées EN54-3 sont disponibles dans M96-024
 (8) Die nach CPD (Feuermelderanwendung) zertifizierten Töne sind in Spalte EN54-3.
 (9) Alle anderen Schalldruckmessungen wurden vom akustischen Mittelpunkt ab gehalten und von keiner unabhängigen Stelle verifiziert.
 (10) Detallierede Polar-SPL-Messungen gemäß EN54-3 sind erhältlich in M96-024
 (11) I toni della sirena certificati CPD (applicazione allarme incendio) sono indicati nella colonna con assegnata con EN54-3.
 (12) Tute le altre misurazioni SPL sono state rilevate "sull'asse" e non sono state verificate da terzi.
 (13) Le misurazioni SPL polari ai sensi della norma EN54-3 sono disponibili in M96-024
 (14) U vindtonen die onder CPD (brandalarmtoepassing) zijn gecertificeerd, in de kolom waar EN54-3 staat vermeld.
 (15) Alle andere SPL-metingen zijn via de 'as' gedaan en niet door derden geverifieerd.
 (16) Utgelyste polare SPL-metinger voor EN54-3 zijn beschikbaar in M96-024

(1) Los tonidos certificados por el CPD (aplicación para alarmas de incendio) se muestran en la columna marcada con EN54-3.
 (2) Cualquier otra medida del SPL (nivel de intensidad acústica) se toma "sobre el eje" y no está verificada por terceros partes.
 (3) Las medidas detalladas del SPL polar EN54-3 están disponibles en M96-024
 (4) Signalat som är certifierade för CPD (brandvarnare) visas i kolumnen märkt EN54-3.
 (5) Alla övriga mätningar av ljudtryck har genomförts "direkt till" och är inte bakåttäta av tredje part.
 (6) Detaljerade polära mätningar av ljudtrycket enligt EN54-3 finns under M96-024
 (7) Signály dźwiękowe zgodne z CPD (do zarost owymi pożarowych) wskazane są w kolumnie EN54-3.
 (8) Pomiar SPL wieszskich pozostających sygnałów zostały wykonane „w osi” i nie były poddane weryfikacji przez stronę trzecią.
 (9) Szczegółowe dane pomiarów kątowych SPL wg EN54-3 dostępne są w dokumencie M96-024.
 (10) 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 lots 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 zgodnie z wymogiem CPD: (patrz numer seryjny lub kod partii)
 CE-märkning under CPD is tillagad på: (se batchcode on het product)
 CE-märkning enligt CPD fästes på: (se statokod på produkten)
 Fullcon Ltd, Cwmbran, South Wales, U.K.
 www.cooperfullcon.com

