

# File Information

Filename: **25-10378-C**  
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 Modified By: **Carwyn Frost**  
 Date Created: -  
 Date Modified: **07/08/12**

# Document Information

No. Of Pages: **1**  
 Print Colours: **Black**  
 Material Spec: **Stock White 80gsm**  
 Binding: **None**  
 Hole Punching: **None**  
 Folding Instructions: **Standard**  
 Dimensions: **A4 (297x210mm)**  
 Sheets: **1 Sheet: Single Sided**

## ROSHNI LP SOLISTA (ROLPSB) ROSHNI LP SOLISTA (ROLPSB/SV)

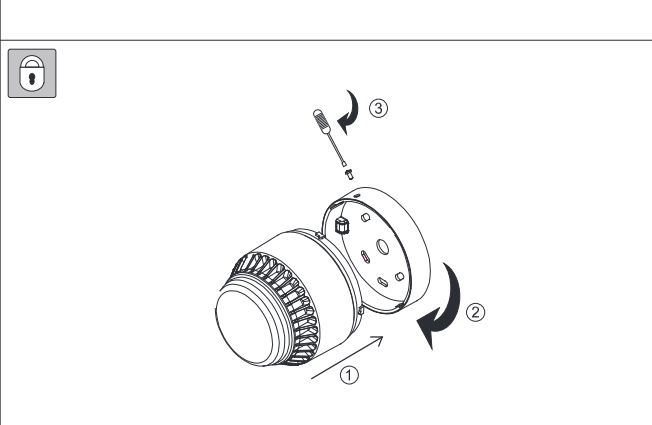
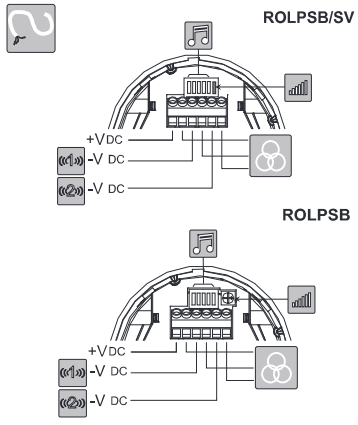
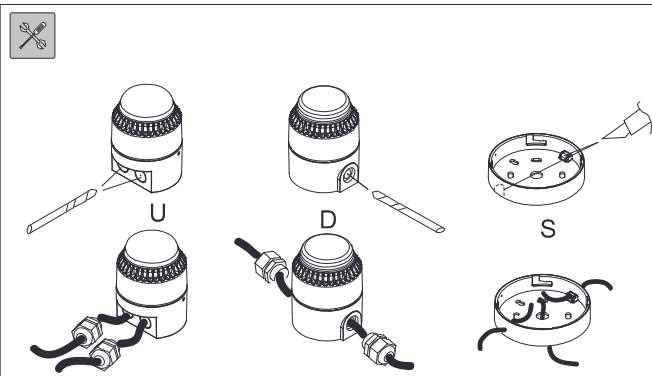
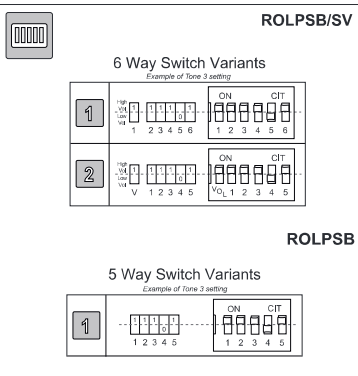
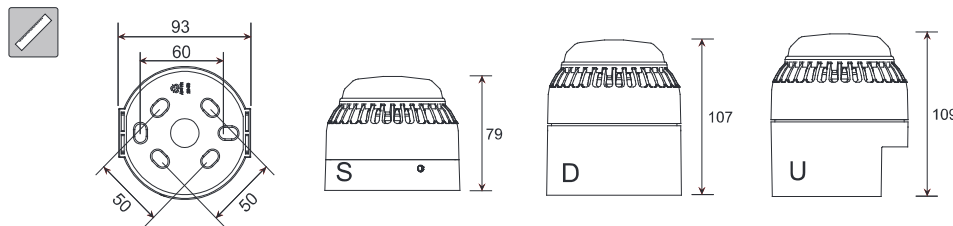


ROLPSB : 0832-CPD-0132  
 ROLPSB/SV : 0832-CPD-1652

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 Brandalarm – sounder  
 Dispositivo de alarma de incendios EN54-3 – Timbre de alarma  
 EN54-3 Brandvarnare – Signalgivare  
 EN54-3 Urządzenie systemów SAP - Sygnalizator

EN54-3	
ROLPSB & ROLPSB/SV	
V	18 ~ 28 VDC 9 ~ 15VDC
I	36mA max
A	0.28mm <sup>2</sup> ~ 2.5mm <sup>2</sup>
T	-10°C ~ +55°C
C	ABS V0
P	Type A = (IP21C*)
M	6
N	32

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



Pattern	Frequency Hz	Rate	Depiction	Main Application	Roshni LP (ROLPSB)					
					*12Vdc on axis @1M	EN54-3 15Vdc see notes	mA	dB(A)	*24Vdc on axis @1M	EN54-3 28Vdc see notes
1	14	11111	Alternating	BS Fire	9	95	*	16	101	*
2	14	11110	Sweep	BS Fire	11	94	*	15	100	*
3	14	11101	Sweep	BS Fire	9	95	92	15	102	95
4	14	11100	Continuous	General Purpose	19	99	*	35	105	*
5	4	11011	Sweep	General Purpose	19	103	*	35	109	*
6	4	11010	Sweep	General Purpose	19	105	*	35	112	*
7	14	11001	Slow whoop	Dutch fire (NEN 2575)	9	97	93	15	103	97
8	14	11000	Sweep (DIN)	German fire (DIN 33 404)	10	96	93	18	103	94
9	4	10111	Alternating	General Purpose	18	99	*	34	105	*
10	14	10110	Intermittent	PFEER alert	8	95	*	11	101	*
11	14	10101	Alternating	BS Fire	9	95	*	15	101	*
12	4	10100	Intermittent	General Purpose	12	99	*	20	105	*
13	14	10011	Intermittent	General Purpose	6	94	*	8	101	*
14	14	10010	Continuous	PFEER toxic gas	10	95	93	17	101	95
15	14	10001	Alternating	French fire (NFS 32-001)	11	96	*	20	102	*
16	16	10000	Intermittent	Swedish (Air Raid)	7	94	*	9	100	*
17	17	01111	Intermittent	Swedish (Local warning)	7	95	*	10	101	*
18	18	01110	Intermittent	Swedish (Pre-mess)	6	95	*	9	101	*
19	19	01101	Continuous	Swedish (All clear)	8	95	*	13	101	*
20	20	01100	Alternating	Swedish (Turn out)	10	96	*	19	102	*
21	21	01011	Intermittent	Swedish general purpose	7	94	*	9	101	*
22	14	01010	Intermittent	Pelican crossing	15	98	*	30	104	*
23	14	01001	Sweep	BS Fire	9	93	*	15	100	*
24	4	01000	Sweep	General Purpose	18	102	*	35	108	*
25	25	00111	Intermittent	ISO 8201	7	95	*	10	101	*
26	26	00110	Intermittent (I*)	ISO 8201	7	95	*	9	102	*
27	27	00101	Intermittent (I*)	ISO 8201	6	94	*	9	101	*
28	10	00100	Alternating	BS Fire	9	95	*	15	101	*

**ROSHNI LP SOLISTA (ROLPSB)**  
**ROSHNI LP SOLISTA (ROLPSB/SV)**

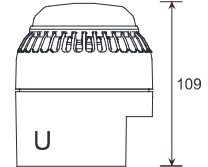
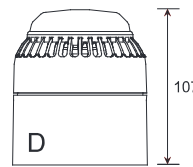
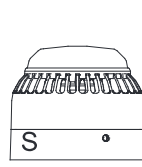
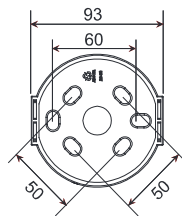


ROLPSB : 0832-CPD-0132  
 ROLPSB/SV : 0832-CPD-1652

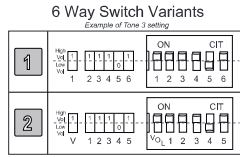
EN54-3 Fire Alarm Device - Sounder  
 Dispositif d'alarme incendie EN54-3 – Avertisseur d'incendie  
 EN54-3 Feueralarmgerät – Töner  
 Dispositivo di allarme antincendio a norma EN54-3 - Sirena  
 EN54-3 Brandalarm – sounder  
 Dispositivo de alarma de incendios EN54-3 – Timbre de alarma  
 EN54-3 Brandvarnare – Signalgivare  
 EN54-3 Urządzenie systemów SAP - Sygnalizator

EN54-3	
ROLPSB & ROLPSB/SV	
18 ~ 28 VDC 9 ~ 15VDC	9 ~ 28Vdc
36mA max	
0.28mm <sup>2</sup> - 2.5mm <sup>2</sup>	
-10°C ~ +55°C	
ABS V0	
Type A = (IP21C*)	
6	32

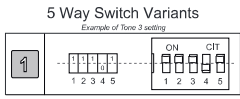
\*Product exceeds minimum requirements of EN54-3  
 See www.cooperfulleon.com  
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 Vedi www.cooperfulleon.com  
 Product overtreft de minimale vereisten van EN54-3.  
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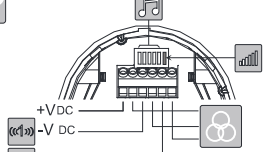
**ROLPSB/SV**



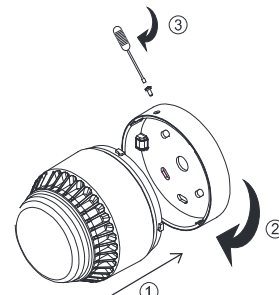
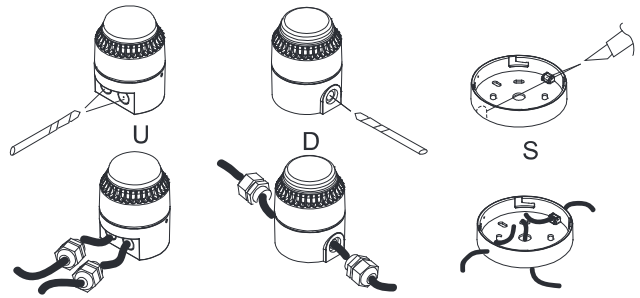
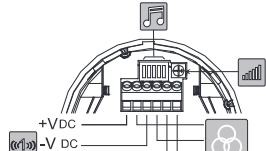
**ROLPSB**



**ROLPSB/SV**



**ROLPSB**



Pattern	Frequency Hz	Rate	Depiction	Main Application	Roshni LP (ROLPSB)						
					*12Vdc on axis @1M	EN54-3 15Vdc see notes	*24Vdc on axis @1M	EN54-3 28Vdc see notes	mA	dB(A)	mA
1	14	11111	Alternating	800 & 970	2Hz (250ms-250ms)	9	95	*	16	101	*
2	14	11110	Sweep	800 to 970	7Hz (7/s)	11	94	*	15	100	*
3	14	11101	Sweep	800 to 970	1Hz (1/s)	9	95	92	15	102	95
4	14	11100	Continuous	2850	Steady	19	99	*	35	105	*
5	4	11011	Sweep	2400 to 2850	7Hz	19	103	*	35	109	*
6	4	11010	Sweep	2400 to 2850	1Hz	19	105	*	35	112	*
7	14	11001	Slow whoop	500 to 1200	3s sweep, 0.5 s silence, then repeat	9	97	93	15	103	97
8	14	11000	Sweep (DIN)	1200 to 500	1Hz	10	96	93	18	103	94
9	4	10111	Alternating	2400 & 2850	2Hz (250ms-250ms)	18	99	*	34	105	*
10	14	10110	Intermittent	970	0.5Hz (1s On/1s Off)	8	95	*	11	101	*
11	14	10101	Alternating	800 & 970	1Hz (500ms-500ms)	9	95	*	15	101	*
12	4	10100	Intermittent	2850	0.5Hz (1s On/1s Off)	12	99	*	20	105	*
13	14	10011	Intermittent	970	0.8Hz (250ms On/1s Off)	6	94	*	8	101	*
14	14	10010	Continuous	970	Steady	10	95	93	17	101	95
15	14	10001	Alternating	554 & 440	100ms-400ms	11	96	*	20	102	*
16	16	10000	Intermittent	660	3.3Hz (150ms On/150ms Off)	7	94	*	9	100	*
17	17	01111	Intermittent	660	0.28Hz (1.8s On/1.8s Off)	7	95	*	10	101	*
18	18	01110	Intermittent	660	0.05Hz (13s Off / 6.5Hz On)	6	95	*	9	101	*
19	19	01101	Continuous	660	Steady	8	95	*	13	101	*
20	20	01100	Alternating	554 & 440	0.5Hz (1s On/1s Off)	10	96	*	19	102	*
21	21	01011	Intermittent	660	1Hz (500ms-500ms)	7	94	*	9	101	*
22	14	01010	Intermittent	2850	4Hz (150ms On/100ms Off)	15	98	*	30	104	*
23	14	01001	Sweep	800 to 970	50Hz	9	93	*	15	100	*
24	4	01000	Sweep	2400 to 2850	50Hz	18	102	*	35	108	*
25	25	00111	Intermittent	970	3 x 500ms pulses, 1.5s silence, then repeat	7	95	*	10	101	*
26	26	00110	Intermittent (I*)	800 to 970	3 x 500ms pulsed sweep, 1.5s silence, then repeat	7	95	*	9	102	*
27	27	00101	Intermittent (I*)	970 & 800	3 x 500ms pulsed sweep, 1.5s silence, then repeat	6	94	*	9	101	*
28	10	00100	Alternating	800 & 970	2Hz (250ms-250ms)	9	95	*	15	101	*
29	988Hz	00011	Alternating	990 & 650	2Hz (250ms-250ms) (Symphoni tones)	13	99	93	23	105	96
30	510Hz	00010	Alternating	510 & 610	2Hz (250ms-250ms) (Squashni Micro tones)	11	94	91	19	100	92
31	14	00001	Sweep	300 to 1200	1Hz	13	98	*	17	103	*
32	510Hz	00000	Alternating	510 & 610	1Hz (500ms-500ms)	11	95	*	19	100	*

- (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-metingen zijn via de 'as' gedaan en niet door derden geverifieerd.
- (iii) Uitgebreide polaire SPL-metingen 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) Sygnaly tonowe zgodne z certyfikatem CPD dla systemów sygnalizacji pożaru wskazane są w kolumnie EN54-3.
- (ii) Wszystkie pomiary SPL są wykonane w osi sygnalizatora i nie były poddane weryfikacji przez inną stronę.
- (iii) Szczegóły pomiarów kątowych SPL wg EN54-3 dostępne są w 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)  
 CE-markering under CPD is toegewezen d.d.: (zie batchcode op het product)  
 CE-märkning enligt CPD fästes på: (se satskod på produkten)  
 Oznakowanie CE i CPD zostało naniesione na produkt.

Fullcon Ltd, Cwmbran, South Wales, U.K.  
 www.cooperfulleon.com