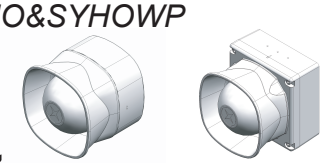
Symphoni HO

SYHO&SYHOWP

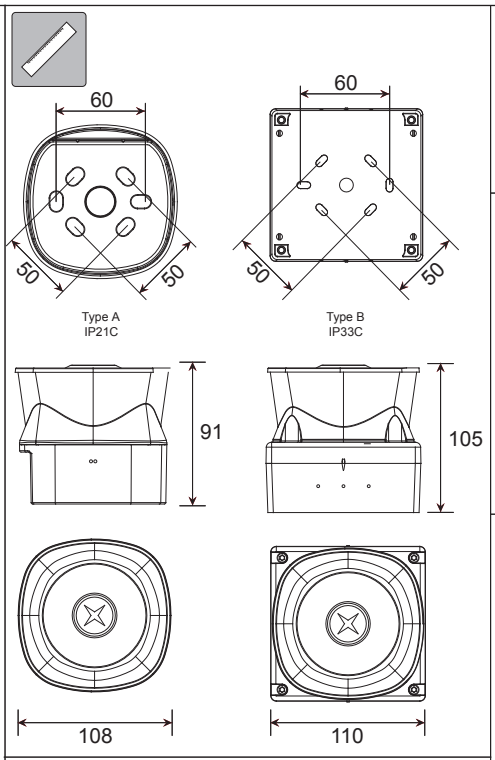


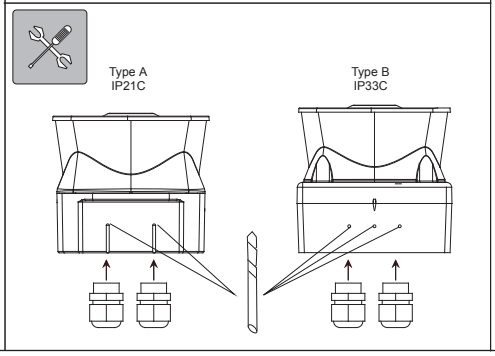
0832-CPD-0142 (18~28V)

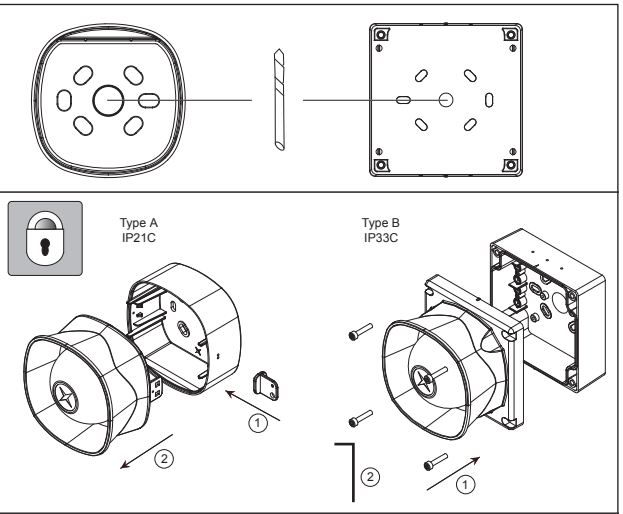
EN54-3 Fire Alarm Device - Sounder
Dispositif d'alarme incendie EN54-3 – Avertisseur d'incendie
EN54-3 Feueralarmgerät – Töner
Dispositivo di allarme antincendio a norma EN54-3 - Sirena
EN54-3 Brandalarm – sounder
Dispositivo de alarma de incendios EN54-3 – Timbre de alarma
EN54-3 Brandvarnare – Signalgivare

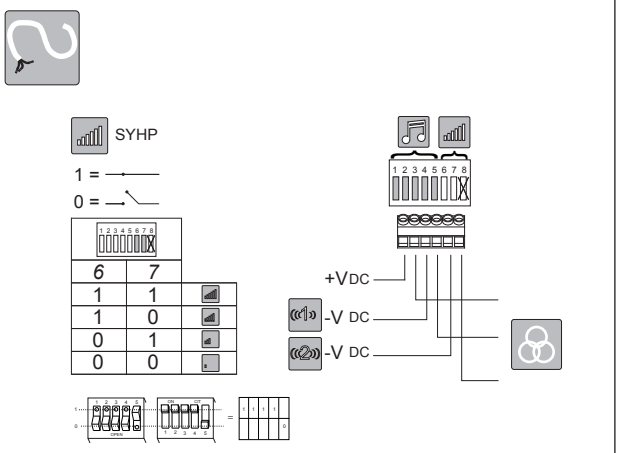
EN54-3		
	SYHO	
	18 ~ 28VDC	9 ~ 18VDC
	260mA	
	0.28mm² ~ 2.5mm²	
	-10℃ ~ +55℃ -25℃ ~ +70℃ (WP)	
	ABS V0	
	Type A = IP21C Type B = IP33C	
	6	32

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









							24V @20˚c		
							mA	dB(A) @1M	EN54-3 Min SPL @ 28Vdc @ Max Volume @ Loudest node dB(A) @ 1M
1	14	11111		800 & 970Hz	2Hz (250ms~250ms)	BS Fire Tone	240	113	*
2	14	11110		800 & 970Hz	7Hz (7/s)	BS Fire Tone	230	113	*
3	14	11101		800 & 970Hz	1Hz (1/s)	BS Fire Tone	240	114	110
4	14	11100		2850Hz	Steady		210	119	*
5	4	11011		2400 ~ 2850Hz	7Hz		210	118	*
6	4	11010		2400 ~ 2850Hz	1Hz		210	120	*
7	14	11001		300 ~ 1200Hz	3s Sweep, 0.5s silence, then repeat	Dutch Fire Tone	240	113	110
8	14	11000		1200 ~ 500Hz	1Hz	DIN Tone	240	112	109
9	4	10111		2400 & 2850Hz	2Hz (250ms~250ms)		210	117	*
10	14	10110		970Hz	0.5Hz (1s On / 1s Off)		250	113	*
11	14	10101		800 & 970Hz	1Hz (500ms~500ms)	BS Fire Tone	230	113	*
12	4	10100		2850Hz	0.5Hz (1s On / 1s Off)		210	117	*
13	14	10011		970Hz	0.8Hz (250ms On / 1s Off)		260	113	*
14	14	10010		970Hz	Steady	BS Fire Tone	250	112	109
15	14	10001		554 & 440Hz	100ms ~ 400ms	French Fire Tone	200	108	*
16	16	10000		660Hz	3.3Hz (150ms On / 150ms Off)	Swedish Fire Tone	230	111	*
17	17	01111		660Hz	0.28Hz (1.8s On / 1.8s Off)	Swedish Fire Tone	230	111	*
18	18	01110		660Hz	0.05Hz (13s Off / 6.5Hz On)	Swedish Fire Tone	240	111	*
19	19	01101		660Hz	Steady	Swedish Fire Tone	220	110	*
20	20	01100		554 & 440Hz	0.5Hz (1s On / 1s Off)	Swedish Fire Tone	210	108	*
21	21	01011		660Hz	1Hz (500ms ~ 500ms)	Swedish Fire Tone	230	111	*
22	14	01010		2850Hz	4Hz (150ms On / 100ms Off)	Pelican Crossing	210	116	*
23	14	01001		800 ~ 970Hz	50Hz	BS Fire Tone	230	112	*
24	4	01000		2400 ~ 2850Hz	50Hz		190	116	*
25	25	00111		970Hz	3 x 500ms pulses followed by 1.5s silence then repeat	ISO 8201	260	113	*
26	26	00110		2850Hz	3 x 500ms pulses followed by 1.5s silence then repeat	ISO 8201	220	117	*
27	27	00101		4000Hz	Steady		220	108	*
28	10	00100		800 & 970Hz	2Hz (250ms ~ 250ms)	BS Fire Tone	230	113	*
29	33	00011		990 & 650Hz	2Hz (250ms ~ 250ms) (Symphoni Tones)	BS Fire Tone	230	111	108
30	35	00010		510 & 610Hz	2Hz (250ms ~ 250ms) (Squashni Micro Tones)	BS Fire Tone	190	111	108
31	31	00001		300 ~ 1200Hz	1Hz		230	111	*
32	32	00000		4000Hz	Steady		220	108	*

(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 M96-002

(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 M96-002

(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 M96-002

(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 M96-002

(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 M96-002

(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 M96-002

(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 M96-002

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 onder CPD is toegewezen d.d.: (zie batchcode op het product)
CE-märkning enligt CPD fästes på: (se satskod på produkten)

Fulleon Ltd, Cwmbran, South Wales, U.K.
www.fulleon.com