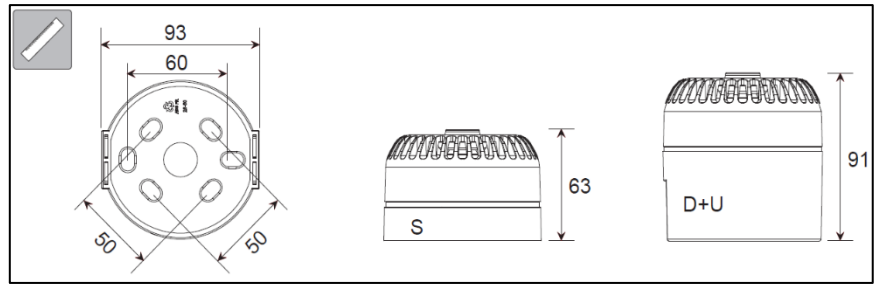


# Installation/Anschluss Installation/Raccordement Installation/Connection

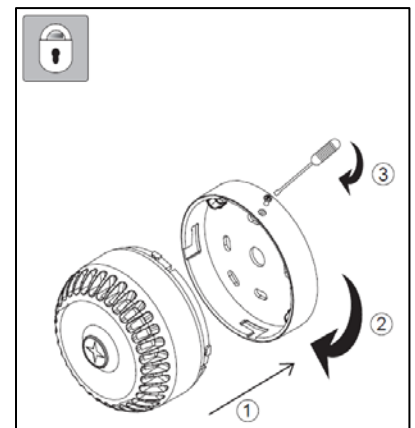
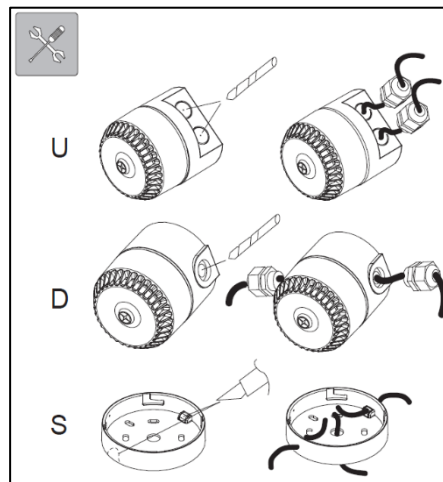
# SOP

Intsallationsanleitung\_SOP\_REV3\_29\_03\_2016

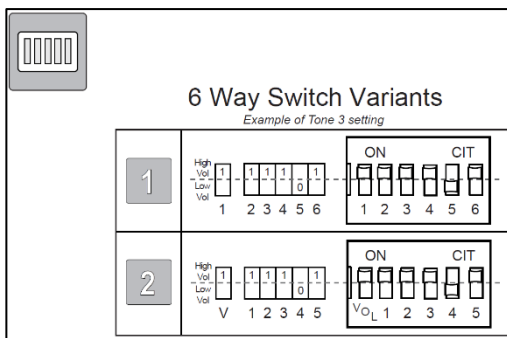
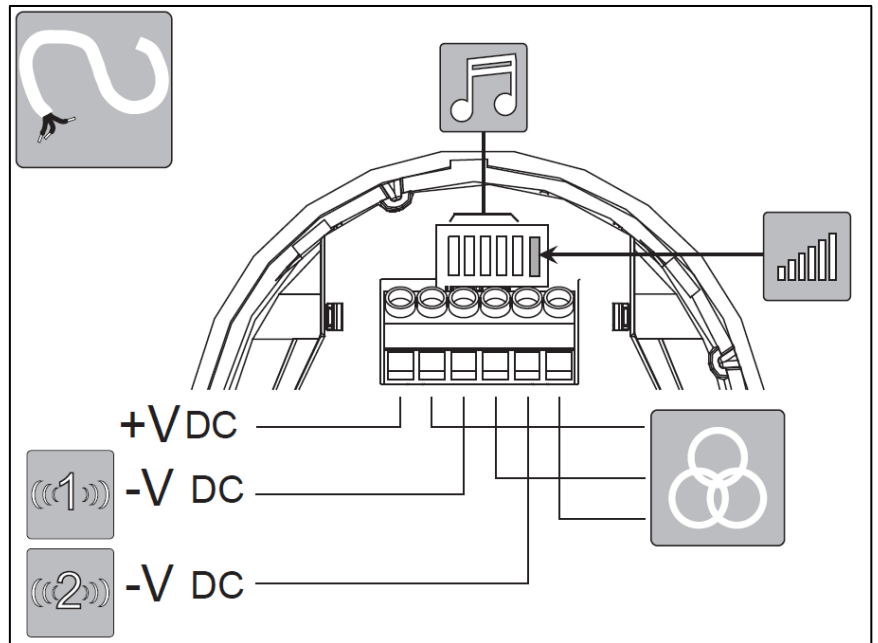


EN54-3 Fire Alarm Device - Sounder  
Dispositif d'alarme incendie EN54-3 – Avertisseur d'incendie  
EN54-3 Feueralarmgerät – Schallgeber

EN54-3			
	18 ~ 28 VDC 9 ~ 15VDC		9 ~ 28VDC
	32mA max		
	0.28mm <sup>2</sup> ~ 2.5mm <sup>2</sup>		
	-25 °C ~ +70 °C		
	ABS V0		
	S = Type A = (IP54*) D/U = Type B = (IP65*)		
	6		32



Product exceeds minimum requirements of EN54-3  
Le produit dépasse les exigences minimum de EN54-3  
Das Erzeugnis erfüllt die Mindestanforderungen von EN54-3



### Lebensgefahr durch elektrischen Strom!





Dieses Gerät darf nur durch autorisierte Elektrofachkräfte und elektrotechnisch unterwiesene Personen montiert und angeschlossen werden.

### Electric current! Danger to life!

Only authorized or instructed persons may assemble and install this device.

### Tension électrique dangereuse!

Seuls les personnes averties sont autorisées d'assembler et d'installer ces produits.

							Main Application				mA	*12Vdc on axis @1M dB(A)	EN54-3 15Vdc dB(A)	mA	*24Vdc on axis @1M dB(A)	EN54-3 28Vdc dB(A)
							Pattern	Frequency Hz	Rate	Depiction						
1	14	1111	800 & 970	Alternating	2Hz (250ms-250ms)		BS Fire	6	95	*	13	101	*			
2	14	1110	800 to 970	Sweep	7Hz (7/s)		BS Fire	8	94	*	12	100	*			
3	14	1101	800 to 970	Sweep	1Hz (1/s)		BS Fire	6	95	92	12	102	95			
4	14	1100	2850	Continuous	Steady		General Purpose	16	99	*	32	105	*			
5	4	11011	2400 to 2850	Sweep	7Hz		General Purpose	16	103	*	32	109	*			
6	4	11010	2400 to 2850	Sweep	1Hz		General Purpose	16	105	*	32	112	*			
7	14	11001	500 to 1200	Slow whoop	3s sweep, 0.5 s silence, then repeat		Dutch fire (NEN 2575)	6	97	93	12	103	97			
8	14	11000	1200 to 500	Sweep (DIN)	1Hz		German fire (DIN 33 404)	7	96	93	15	103	94			
9	4	10111	2400 & 2850	Alternating	2Hz (250ms-250ms)		General Purpose	15	99	*	31	105	*			
10	14	10110	970	Intermittent	0.5Hz (1s On/1s Off)		PFEER alert	5	95	*	13	101	*			
11	14	10101	800 & 970	Alternating	1Hz (500ms-500ms)		BS Fire	6	95	*	12	101	*			
12	4	10100	2850	Intermittent	0.5Hz (1s On/1s Off)		General Purpose	16	99	*	28	105	*			
13	14	10011	970	Intermittent	0.8Hz (250ms On/1s Off)		General Purpose	6	94	*	11	101	*			
14	14	10010	970	Continuous	Steady		PFEER toxic gas	7	95	93	14	101	95			
15	14	10001	554 & 440	Alternating	100ms-400ms		French fire (NFS 32-001)	8	96	*	17	102	*			
16	16	10000	660	Intermittent	3.3Hz (150ms On/150ms Off)		Swedish (Air Raid)	6	94	*	10	100	*			
17	17	01111	660	Intermittent	0.28Hz (1.8s On/1.8s Off)		Swedish (Local warning)	6	95	*	10	101	*			
18	18	01110	660	Intermittent	0.05Hz (13s Off / 6.5Hz On)		Swedish (Pre-mess)	5	95	*	10	101	*			
19	19	01101	660	Continuous	Steady		Swedish (All clear)	5	95	*	10	101	*			
20	20	01100	554 & 440	Alternating	0.5Hz (1s On/1s Off)		Swedish (Turn out)	7	96	*	16	102	*			
21	21	01011	660	Intermittent	1Hz (500ms-500ms)		Swedish general purpose	7	94	*	10	101	*			
22	14	01010	2850	Intermittent	4Hz (150ms On/100ms Off)		Pelican crossing	12	98	*	27	104	*			
23	14	01001	800 to 970	Sweep	50Hz		BS Fire	6	93	*	12	100	*			
24	4	01000	2400 to 2850	Sweep	50Hz		General Purpose	15	102	*	32	108	*			
25	25	00111	970	Intermittent	3 x 500ms pulses, 1.5s silence, then repeat		ISO 8201	6	95	*	10	101	*			
26	26	00110	800 to 970	Intermittent (1')	3 x 500ms pulsed sweep, 1.5s silence, then repeat		ISO 8201	6	95	*	10	102	*			
27	27	00101	970 & 800	Intermittent (1')	3 x 500ms pulsed sweep, 1.5s silence, then repeat		ISO 8201	5	94	*	10	101	*			
28	10	00100	800 & 970	Alternating	2Hz (250ms-250ms)		BS Fire	6	95	*	12	101	*			
29	988Hz	00011	900 & 650	Alternating	2Hz (250ms-250ms) (Symphoni tones)		BS Fire	10	99	93	20	105	96			
30	510Hz	00010	510 & 610	Alternating	2Hz (250ms-250ms) (Squashnt Micro tones)		BS Fire	8	94	91	16	100	92			
31	14	00001	300 to 1200	Sweep	1Hz		General Purpose	10	98	*	14	103	*			
32	510Hz	00000	510 & 610	Alternating	1Hz (500ms-500ms)		BS Fire	8	95	*	16	100	*			