Sounder CWSO-RR-S1-E010 with shallow base IP21

Instruction Sheet

R10023GB0

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Contents

1 Sounder CWSO-RR-S1-E010 overview

The CW range of conventional alarm devices are used in Esmi Sense FDP and FX 3NET fire detection applications.

The sounder products are approved to EN54-3 and beacon products to EN54-23. The products are easy to install without need for device orientation. They are suitable for wall and ceiling mount applications in indoor and outdoor use. All 32 selectable tones are approved to EN54-3.

1.1 Volume settings

Volume setting is adjusted by switch 6 on the 6-way DIP switch on the bottom of product (See switch diagram).

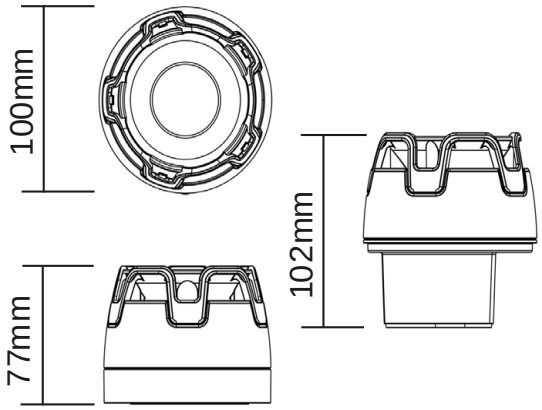
1.2 Tone settings

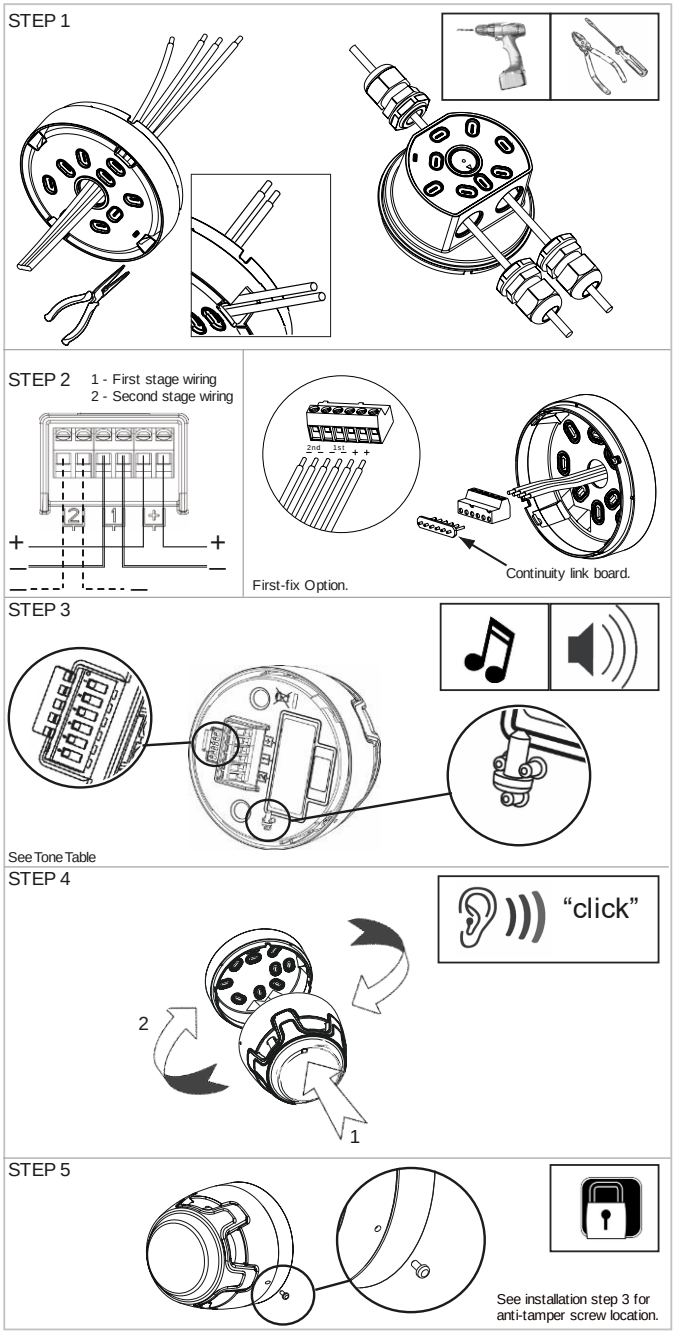
The tone setting is selected by switches 1 to 5 on the 6-way DIP-switch. The switch diagram and tone table are overleaf. The second stage tone is related to the first stage tone selection made via the DIP-switch. The second stage is controlled by the fire panel and becomes active through the wiring configuration.

1.3 Base IP rating

Figure 1 Shallow Base (IP21C)

2 Dimensions and installation





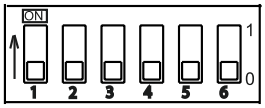
2.1 Product codes

Product	IP Rating	Product code
CWSO-RR-W1-E010	IP65	FFS06711059
CWSO-RR-S1-E010	IP21	FFS06711058

Base	IP Rating	Product code
CSR-E010 Low Profile Base (Red)	IP21C	FFS06711066
CWR-E010 Deep Base (Red)	IP65	FFS06711067
CWSS-RW-S5-E010	IP21	FFS06711062
CWSS-RW-W5-E010	IP65	FFS06711063
CWST-RW-S5-E010	IP21	FFS06711060
CWST-RW-W5-E010	IP65	FFS06711061
CWSS-RR-S5-E010	IP21	FFS06425172
CWSS-RR-W5-E010	IP65	FFS06425173
CWST-RR-S5-E010	IP21	FFS06425170
CWST-RR-W5-E010	IP65	FFS06425171

3 Tone Table

SW6	Volume Setting
ON	HIGH
OFF	MEDIUM



Dip Switch	Tone Nos.	Pattern		Nominal Freq	Typical consumption (mA) 24V High dB	24V High mA	24V Med dB	24V Med mA	2nd Stage Tone
0,0,0,0,0	1	Alternating		554/440	99.7	29.44	96.7	10.47	7
1,0,0,0,0	2	Alternating		800/970	102.2	24.34	92.9	8.53	8
0,1,0,0,0	3	Alternating		800/970	102.5	24.41	93.1	8.55	8
1,1,0,0,0	4	Alternating		2400/2900	107.7	35.3	101	16.76	10
0,0,1,0,0	5	Alternating		2500/3100	107.2	37.98	100.2	18.7	10
1,0,1,0,0	6	Alternating		988/645	102.7	21.2	99.6	11.18	8
0,1,1,0,0	7	Continuous		660	103	20.61	99.8	12.84	1
1,1,1,0,0	8	Continuous		970	102.8	25.44	93.5	8.91	2
0,0,0,1,0	9	Continuous		1200	104.5	28.73	103.5	23.42	2
1,0,0,1,0	10	Continuous		2850	106.6	36.24	101.2	18.47	4
0,1,0,1,0	11	Bell		2400	106.7	37.12	99.7	17.24	16
1,1,0,1,0	12	Intermittent		420	98.9	17.43	95.6	7.52	13
0,0,1,1,0	13	Sweep		500-1200	103.8	32.81	103.1	23.26	12
1,0,1,1,0	14	Intermittent		660	101.3	12.11	98.4	8.5	7
0,1,1,1,0	15	Intermittent		970	102	8.51	92.6	5.18	8
1,1,1,1,0	16	Intermittent		970	102.4	12.67	93.4	6.94	8
0,0,0,0,1	17	Intermittent		2850	106.7	21.59	101.2	11.38	10
1,0,0,0,1	18	Intermittent		970	102.4	14.68	93.2	6.25	8
0,1,0,0,1	19	Intermittent		950	101.4	11.84	93.6	6.16	12
1,1,0,0,1	20	Continuous		800	102.6	23.61	92.8	8.5	22
0,0,1,0,1	21	Sweep		400-1200	101.7	14.77	101.1	12.18	12
1,0,1,0,1	22	Sweep		1200 - 500	102.1	36.19	101.6	28.35	20
0,1,1,0,1	23	Sweep		2400 - 2850	107.7	34.67	100.5	14.82	10
1,1,1,0,1	24	Sweep		500 - 1200	103.9	30.12	103.2	23.94	8
0,0,0,1,1	25	Sweep		800 - 970	97.8	22.77	88.4	8.13	8
1,0,0,1,1	26	Sweep		800 - 970	99	23.02	91.4	9.1	8
0,1,0,1,1	27	Sweep		800 - 970	103	23.74	95.8	9.37	8
1,1,0,1,1	28	Sweep		2400 – 2850	99.1	34.73	91.4	14.28	10
0,0,1,1,1	29	Sweep		500 – 1000	100.4	25.96	90.4	7.72	8
1,0,1,1,1	30	Sweep		500-1200-500	104.3	30.74	103.5	25.86	8
0,1,1,1,1	31	Sweep		800 – 1000	101.8	23.82	94.7	10.05	8
1,1,1,1,1	32	Sweep		2400 - 2850	102.2	24.08	95.3	10.19	10