

M-LINE | SIR-E

Electronic siren

IP 65



Multi-function electronic siren that guarantees a high sound output.
Developed with a multi-level technology,
the device allows **TWO** separate levels of alarm: **WARNING** and **ALARM**
Controllable via separate electric contacts.
SIR-E benefits from 64 different sounds selectable via **DIP-SWITCH**.



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 **SIRENA** s.p.a.

Electronic siren

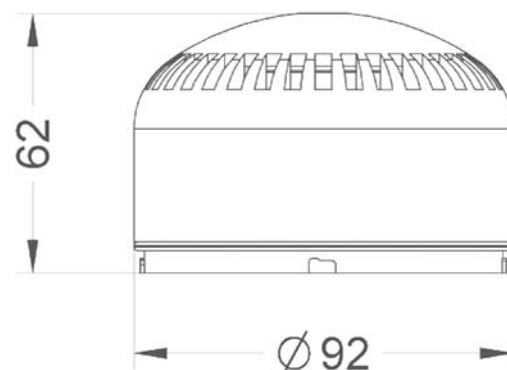
SIR-E 12/24 DCAC

- Multi-function device:** 2 separate functions (warning, alarm) controllable independently via separate electric contacts
- High sound performances:**
 - **First level alarm:** a powerful up to 105 dB max. electronic sound ideal for alerting an imminent danger or a serious change in operational circumstances (sound selectable via dip-switch "A" out of 32 sounds)
 - **Second level alarm:** a powerful up to 105 dB max. electronic sound, ideal for alerting an imminent danger or permanent change of operational circumstances (sound selectable via dip switch "B" out of 32 sounds)
- Sound volume control:** min. 65 dB approx
- Multi-tone:** double face electronic circuit, 64 sounds available, from fire alarm to civil tones, selectable via DIP-SWITCH
- Mechanical sound transducer** with aluminium membrane, protected against water ingress by a expanded gasket.
- Base-dome gasket:** O-RING VITON 75 SHORE A
- Sound diffuser in polycarbonate MAKROLON (RAL 7001)**
- Multi-tension bases:** 12/24V DCAC and 90/240V AC
- Three bases available:** SHALLOW, DEEP, WALL
- IP 65:** also excellent for outdoor applications
- Interface:** removable 4-way terminal block, max. cable dimensions: 2,5 mm
- "real-Time" technology:** allows the sound to be changed via dip switch without powering off the device
- Snap-on fixing:** easy and safe installation procedures

with LT base with HT base

V	12÷24		-	
V	12÷24		90÷240	
mA	215	250	60	35
dB(A)1m	102	105	100	100
IP 65	On		°C -30 +50	
64	PC		self-extinguishing	

kg 0,18



CODES 90360

Box Size 92x92x65 mm | **Box weight:** Kg 0,25

SIR-E SOUNDS TABLE



SWITCH A SOUNDS						
N°	STONE	STONE TYPE	F[Hz]	TIMES	MAIN APPLICATION	DIP SWITCH
0	BI-TONE		600 - 700	0.5s/0.5s	STANDARD	0 0 0 0 0
1	MULTI-TONE		1000 - 1700	CICLO 0.25s	STANDARD	1 0 0 0 0
2	MODULATED		1000 - 1700	CICLO 0.8s	STANDARD	0 1 0 0 0
3	EVACUATION		440 - 560	565s/565s	STANDARD	1 1 0 0 0
4	LINEAR		300		GENERAL PURPOSE	0 0 1 0 0
5	LINEAR		660		SWEDISH (ALL CLEAR)	1 0 1 0 0
6	LINEAR		750		GENERAL PURPOSE	0 1 1 0 0
7	LINEAR		2850		GENERAL PURPOSE	1 1 1 0 0
8	SWEEP		500 - 1200	3.5s ON/0.5s OFF	NETHERLANDS-NEN25752000	0 0 0 1 0
9	SWEEP		500 - 1200	0.5s ON/0.5s OFF X 3 1.5s OFF	AUSTRALIA AS1670	1 0 0 1 0
10	SWEEP		800-970	0.5s ON/0.5s OFF X 3 1.5s OFF	ISO 8201	0 1 0 1 0
11	INTERMITTENT		420	0.625s ON/0.625s OFF	AUSTRALIA AS1670 ALERT TONE	1 1 0 1 0
12	INTERMITTENT		660	0.15s ON/0.15s OFF	SWEDISH (AIR RAID)	0 0 1 1 0
13	INTERMITTENT		660	1.8s ON/1.8s OFF	SWEDISH (LOCAL WARNING)	1 0 1 1 0
14	INTERMITTENT		660	0.5s ON/0.5s OFF	SWEDISH GENERAL PURPOSE	0 1 1 1 0
15	INTERMITTENT		720	0.7s ON/0.3s OFF	GENERAL PURPOSE	1 1 1 1 0
16	INTERMITTENT		750	0.33s ON/0.5s OFF	GENERAL PURPOSE	0 0 0 0 1
17	INTERMITTENT		800	0.25s ON/1s OFF	GENERAL PURPOSE	1 0 0 0 1
18	INTERMITTENT		970-800	0.35s/0.35s/0.35s OFF X 3 1.5s OFF	ISO 8201	0 1 0 0 1
19	INTERMITTENT		970	0.5s ON/0.5s OFF X 3 1.5s OFF	ISO 8201 LOW TONE	1 1 0 0 1
20	INTERMITTENT		970	0.25s ON/0.25s OFF	GENERAL PURPOSE	0 0 1 0 1
21	INTERMITTENT		2850	1s ON/1s OFF	GENERAL PURPOSE	1 0 1 0 1
22	INTERMITTENT		2850	0.25s ON/0.25s OFF	GENERAL PURPOSE	0 1 1 0 1
23	BI-TONE		600 - 700	0.5s/0.5s	GENERAL PURPOSE	1 1 1 0 1
24	BI-TONE		800 - 970	0.25s/0.25s	BS5839-1 2002	0 0 0 1 1
25	BI-TONE		800 - 970	0.800s/0.800s	GENERAL PURPOSE	1 0 0 1 1
26	BI-TONE		1000 - 2000	1s/1s	GENERAL PURPOSE	0 1 0 1 1
27	CHIME 1 SINGLE		700-600	0.4s/0.7s	SINGLE SHOT DING DONG	1 1 0 1 1
28	CHIME 1 REPEATING		700-600	0.4s/0.7s OFF	REPEATING DING DONG	0 0 1 1 1
29	CHIME 1 REPEATING		700-600	0.25s/0.4 OFF	REPEATING DING DONG	1 0 1 1 1
30	HOOTER REPEATING		-	3s ON/2s OFF	GENERAL PURPOSE	0 1 1 1 1
31	SIMULATED BELL		1850	0,1s(modulato 0,03s)	GENERAL PURPOSE	1 1 1 1 1



SWITCH B SOUNDS						
N°	STONE	STONE TYPE	F[Hz]	TIMES	MAIN APPLICATION	DIP SWITCH
0	ALLERTAMENTO - WARNING		490	0.5s ON/1s OFF	GENERAL PURPOSE	0 0 0 0 0
1	EVACUATION 1		480 - 610	0.5s/0.5s	GENERAL PURPOSE	1 0 0 0 0
2	EVACUATION 2		610	-	GENERAL PURPOSE	0 1 0 0 0
3	LINEAR		500		GENERAL PURPOSE	1 1 0 0 0
4	LINEAR		970		BS5839-1 2002	0 0 1 0 0
5	SWEEP		500 - 1200	CICLO 3.75s/0.25s OFF	AS2220	1 0 1 0 0
6	SWEEP		1400 - 1600	CICLO 1.5s	NF 48-265	0 1 1 0 0
7	SWEEP		800 - 970	CICLO 1.5s	BS5839-1 2002	1 1 1 0 0
8	SWEEP		1200 - 500	CICLO 1s	DIN 33 404	0 0 0 1 0
9	INTERMITTENT		544	0.625s ON/0.625s OFF	GENERAL PURPOSE	1 0 0 1 0
10	INTERMITTENT		660	6.5s ON/ 13s OFF	SWEDISH (PRE-MESS)	0 1 0 1 0
11	INTERMITTENT		970	1s ON/1s OFF	APOLLO FIRE SYSTEM BS5839	1 1 0 1 0
12	INTERMITTENT		2850	0.5s ON/0.5s OFF X 3 1.5s OFF	ISO 8201 HIGH TONE	0 0 1 1 0
13	BI-TONE		970 - 630	0.5s/0.5s	APOLLO FIRE SYSTEM BS5839	1 0 1 1 0
14	BI-TONE		554 - 440	0.1s/0.4s	FRANCE - AFNOR NF S 32 001	0 1 1 1 0
15	BI-TONE		440 - 554	0.5s/0.5s	GENERAL PURPOSE	1 1 1 1 0
16	BI-TONE		510 - 610	0.5s/0.5s	GENERAL PURPOSE	0 0 0 0 1
17	BI-TONE		510 - 610	1s/1s	GENERAL PURPOSE	1 0 0 0 1
18	BI-TONE		600 - 700	1s/1s	GENERAL PURPOSE	0 1 0 0 1
19	BI-TONE		550 - 1000	0.5s/0.5s	GENERAL PURPOSE	1 1 0 0 1
20	BI-TONE		550 - 1000	1s/1s	GENERAL PURPOSE	0 0 1 0 1
21	BI-TONE		800 - 1000	0.5s/0.5s	GENERAL PURPOSE	1 0 1 0 1
22	BI-TONE		800 - 1000	1s/1s	GENERAL PURPOSE	0 1 1 0 1
23	BI-TONE		1000 - 2000	0.5s/0.5s	GENERAL PURPOSE	1 1 1 0 1
24	BI-TONE		2400 - 2850	0.265s/0.265s	GENERAL PURPOSE	0 0 0 1 1
25	BI-TONE		2400 - 2850	0.465s/0.465s	GENERAL PURPOSE	1 0 0 1 1
26	BI-TONE		640 - 970	0.5s/0.5s	GENERAL PURPOSE	0 1 0 1 1
27	BI-TONE		490 - 610	0.25s/0.25s	GENERAL PURPOSE	1 1 0 1 1
28	CHIME 2 SINGLE		554-440	0.35s/0.7s	SINGLE SHOT DING DONG	0 0 1 1 1
29	CHIME 2 REP		554-440	0.35s/0.7s /0.5s OFF	REPEATING DING DONG	1 0 1 1 1
30	CHIME 3 SINGLE		1300-944	0.5s/1s	SINGLE SHOT DING DONG	0 1 1 1 1
31	CHIME 3 REP		1300-944	0.5s/1s/0.5s OFF	REPEATING DING DONG	1 1 1 1 1

Direzione e sede - Corso Moncenisio 5-10-12-14-16 - 10090 ROSSA (Torino) Italia - Tel. 011 9568555 - Int. +39 011 9568555 - Fax 011 9568597 -
 E-mail: sirena.sp@sirena.it - www.sirena.it - R.E.A. 487901 - MECC. TO 027549 - Registro Imprese TO - C.F. 01047730013 - Partita IVA 01047730013 - Capitale sociale € 5.000.000 di cui versato € 5.000.000
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 We reserve the right to change specifications without notification.