

M-LINE | SIR-E LED

Beacon / Sounder



IP 65

Multi-functional **LED** beacon/sounder.

That guarantees high optical performances as well as a high sound output.

SIR-E LED has been developed with a **MODULAR** technology that allows **THREE** levels of alarm:

WARNING, ALARM 1, ALARM 2

Controllable via separate electric contacts;

64 different sounds selectable via **DIP-SWITCH**.
















TWO different light effects: **STEADY** and **FLASHING**





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 **SIRENA** s.p.a.

SIR-E LED 12/24 DCAC

-  **Multi-function:** 3 separate levels of alarm (warning, alarm 1, alarm 2)
Controllable independently via separate electric contacts
-  **High light and sound performances:**
 - **First level of alarm:** a powerful triple-flash strobe effect that guarantees maximum light intensity suitable for warning operators of a potential danger
 - **Second level of alarm:** a powerful triple-flash strobe effect combined with an up to 105 dB electronic sound, ideal for alerting staff of a danger or a serious change of operational circumstances (sound selectable via dip-switch "A" out of 32 sounds)
 - **Third level of alarm:** a powerful steady light combined with an up to 105 dB electronic sound, ideal for alerting staff of a permanent change of operational circumstances (sound selectable via dip-switch "B" out of 32 sounds)
-  **Possibility of lowering the volume:** 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
-  **Lined sound diffuser in polycarbonate MAKROLON**
-  **Four colours available:** red, amber, green and blue
-  **LED SUPERFLUX technology:** greater vibration resistance allowing longer life cycle of the product. Product life 100.000 hours max.
-  **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

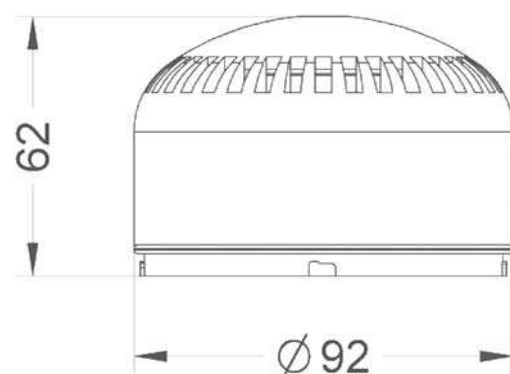
V 	12÷24		—	
V 	12÷24		90÷240	
mA	300	350	95	60
dB(A)1m	102	105	100	100

Flash/min. 3F: 85±10	IP 65	On 
°C -30 +50	 64	PC self-extinguishing

CODES	90361	90362	90363	90364
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Box Size 92x92x65 mm	Box weight: Kg 0,25
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kg 0,18



SIR-E LED SOUNDS TABLE



SWITCH A SOUNDS						
N°	TO NE	TO NE TYPE	F[Hz]	TI ME S	MA IN APPLICATI ON	DIP SWITC H
0	BI-TONE		600 - 700	0.5s/0.5s	STANDARD	0 0 0 0 0 0
1	MULTI-TONE		1000 - 1700	CICLO 0.25s	STANDARD	1 0 0 0 0 0
2	MODULATED		1000 - 1700	CICLO 0.8s	STANDARD	0 1 0 0 0 0
3	EVACUATION		440 - 560	565s/565s	STANDARD	1 1 0 0 0 0
4	LINEAR		300		GENERAL PURPOSE	0 0 1 0 0 0
5	LINEAR		660		SWEDISH [ALL CLEAR]	1 0 1 0 0 0
6	LINEAR		750		GENERAL PURPOSE	0 1 1 0 0 0
7	LINEAR		2850		GENERAL PURPOSE	1 1 1 0 0 0
8	SWEEP		500 - 1200	3.5s ON/0.5s OFF	NETHERLANDS-NEN25752000	0 0 0 1 0 0
9	SWEEP		500 - 1200	0.5s ON/0.5s OFF X 3 1.5s OFF	AUSTRALIA AS1670	1 0 0 1 0 0
10	SWEEP		800-970	0.5s ON/0.5s OFF X 3 1.5s OFF	ISO 8201	0 1 0 1 0 0
11	INTERMITTENT		420	0.625s ON/0.625s OFF	AUSTRALIA AS1670 ALERT TONE	1 1 0 1 0 0
12	INTERMITTENT		660	0.15s ON/0.15s OFF	SWEDISH (AIR RAID)	0 0 1 1 0 0
13	INTERMITTENT		660	1.8s ON/1.8s OFF	SWEDISH (LOCAL WARNING)	1 0 1 1 0 0
14	INTERMITTENT		660	0.5s ON/0.5s OFF	SWEDISH GENERAL PURPOSE	0 1 1 1 0 0
15	INTERMITTENT		720	0.7s ON/0.3s OFF	GENERAL PURPOSE	1 1 1 1 0 0
16	INTERMITTENT		750	0.33s ON/0.5s OFF	GENERAL PURPOSE	0 0 0 0 0 1
17	INTERMITTENT		800	0.25s ON/1s OFF	GENERAL PURPOSE	1 0 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 0 1
19	INTERMITTENT		970	0.5s ON/0.5s OFF X 3 1.5s OFF	ISO 8201 LOW TONE	1 1 0 0 0 1
20	INTERMITTENT		970	0.25s ON/0.25s OFF	GENERAL PURPOSE	0 0 1 0 0 1
21	INTERMITTENT		2850	1s ON/1s OFF	GENERAL PURPOSE	1 0 1 0 0 1
22	INTERMITTENT		2850	0.25s ON/0.25s OFF	GENERAL PURPOSE	0 1 1 0 0 1
23	BI-TONE		800 - 700	0.5s/0.5s	GENERAL PURPOSE	1 1 1 0 0 1
24	BI-TONE		800 - 970	0.25s/0.25s	BS5839-12002	0 0 0 1 1 1
25	BI-TONE		800 - 970	0.800s/0.800s	GENERAL PURPOSE	1 0 0 1 1 1
26	BI-TONE		1000 - 2000	1s/1s	GENERAL PURPOSE	0 1 0 1 1 1
27	CHIME 1 SINGLE		700-600	0.4s/0.7s	SINGLE SHOT DING DONG	1 1 0 1 1 1
28	CHIME 1 REPEATING		700-600	0.4s/0.7s OFF	REPEATING DING DONG	0 0 1 1 1 1
29	CHIME 1 REPEATING		700-600	0.25s/0.4 OFF	REPEATING DING DONG	1 0 1 1 1 1
30	HOOTER REPEATING		-	3s ON/2s OFF	GENERAL PURPOSE	0 1 1 1 1 1
31	SIMULATED BELL		1850	0.1s(modulato 0.03s)	GENERAL PURPOSE	1 1 1 1 1 1

We reserve the right to change specifications without notification.



SWITCH B SOUNDS						
N°	TO NE	TO NE TYPE	F[Hz]	TI ME S	MA IN APPLICATI ON	DIP SWITC H
0	ALLERTAMENTO - WARNING		490	0.5s ON/1s OFF	GENERAL PURPOSE	0 0 0 0 0 0
1	EVACUATION 1		480 - 610	0.5s/0.5s	GENERAL PURPOSE	1 0 0 0 0 0
2	EVACUATION 2		610	-	GENERAL PURPOSE	0 1 0 0 0 0
3	LINEAR		500		GENERAL PURPOSE	1 1 0 0 0 0
4	LINEAR		970		BS5839-12002	0 0 1 0 0 0
5	SWEEP		500 - 1200	CICLO 3.75s/0.25s OFF	AS2220	1 0 1 0 0 0
6	SWEEP		1400 - 1600	CICLO 1.5s	NF 48-265	0 1 1 0 0 0
7	SWEEP		800 - 970	CICLO 1.5s	BS5839-12002	1 1 1 0 0 0
8	SWEEP		1200 - 500	CICLO 1s	DIN 33 404	0 0 0 1 0 0
9	INTERMITTENT		544	0.625s ON/0.625s OFF	GENERAL PURPOSE	1 0 0 1 0 0
10	INTERMITTENT		660	6.5s ON/ 13s OFF	SWEDISH (PRE-MESS)	0 1 0 1 0 0
11	INTERMITTENT		970	1s ON/1s OFF	APOLLO FIRE SYSTEM BS5839	1 1 0 1 0 0
12	INTERMITTENT		2850	0.5s ON/0.5s OFF X 3 1.5s OFF	ISO 8201 HIGH TONE	0 0 1 1 0 0
13	BI-TONE		970 - 630	0.5s/0.5s	APOLLO FIRE SYSTEM BS5839	1 0 1 1 0 0
14	BI-TONE		554 - 440	0.1s/0.4s	FRANCE - AFNOR NF S 32 001	0 1 1 1 0 0
15	BI-TONE		440 - 554	0.5s/0.5s	GENERAL PURPOSE	1 1 1 1 0 0
16	BI-TONE		510 - 610	0.5s/0.5s	GENERAL PURPOSE	0 0 0 0 0 1
17	BI-TONE		510 - 610	1s/1s	GENERAL PURPOSE	1 0 0 0 0 1
18	BI-TONE		600 - 700	1s/1s	GENERAL PURPOSE	0 1 0 0 0 1
19	BI-TONE		550 - 1000	0.5s/0.5s	GENERAL PURPOSE	1 1 0 0 0 1
20	BI-TONE		550 - 1000	1s/1s	GENERAL PURPOSE	0 0 1 0 0 1
21	BI-TONE		800 - 1000	0.5s/0.5s	GENERAL PURPOSE	1 0 1 0 0 1
22	BI-TONE		800 - 1000	1s/1s	GENERAL PURPOSE	0 1 1 0 0 1
23	BI-TONE		1000 - 2000	0.5s/0.5s	GENERAL PURPOSE	1 1 1 0 0 1
24	BI-TONE		2400 - 2850	0.265s/0.265s	GENERAL PURPOSE	0 0 0 1 1 1
25	BI-TONE		2400 - 2850	0.465s/0.465s	GENERAL PURPOSE	1 0 0 1 1 1
26	BI-TONE		640 - 970	0.5s/0.5s	GENERAL PURPOSE	0 1 0 1 1 1
27	BI-TONE		490 - 610	0.25s/0.25s	GENERAL PURPOSE	1 1 0 1 1 1
28	CHIME 2 SINGLE		554-440	0.35s/0.7s	SINGLE SHOT DING DONG	0 0 1 1 1 1
29	CHIME 2 REP		554-440	0.35s/0.7s /0.5s OFF	REPEATING DING DONG	1 0 1 1 1 1
30	CHIME 3 SINGLE		1300-944	0.5s/1s	SINGLE SHOT DING DONG	0 1 1 1 1 1
31	CHIME 3 REP		1300-944	0.5s/1s/0.5s OFF	REPEATING DING DONG	1 1 1 1 1 1