Industrial Division | Linea M-LINE





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

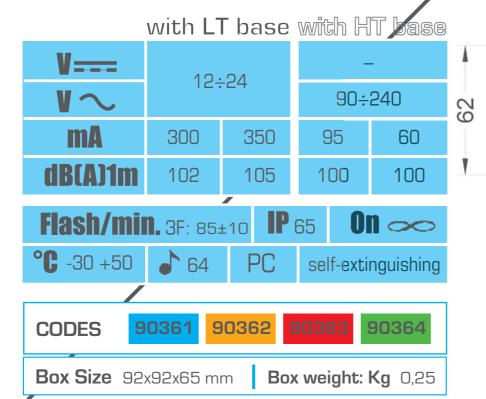
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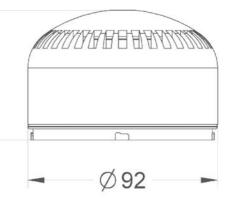
Beacon / Sounder

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









Beacon / Sounder

NY TONE TONE TYPE FH-I TIMES MINI APPLICITION OIP SUMPLICITION 1 MULTI-TONE 00000-700 050/058 STANDARD 1 0					SWITCH A SOUNDS					V	our v vww.s
1 MULTIONE 1000 - 1700 CCL0.025s STANDARD 1 0 0 0 0 2 MODULATED 1000 - 1700 CCL0.08s STANDARD 1 0<	N°	TONE	TONE TYPE	F[Hz]	TIMES §	MAIN APPLICATION		DIP	SWI	ICH	
2 MCOULATED MODIL 1000 - 1700 CCLUD 08. STANDARD 0 1 0 0 0 3 EVACUATION 440 - 560 565s/565s STANDARD 1 1 0 <	0	BI-TONE		600 - 700	0.5s/0.5s	STANDARD	0	0	0	0	0
3 EVACUATION 1 1 0 0 0 4 LINEAR 300 300 300 300 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 1 0 0 0 1 0 0	1	MULTI-TONE	MM	1000 - 1700	CICLO 0.25s	STANDARD	1	0	0	0	0
3 EVALUATION 1 1 0 0 0 3 EVALUATION 1 1 0 0 0 5 LINEAR 300 300 2 GENERAL PURPOSE 0 1 1 0 0 0 6 LINEAR 660 3 SVMEDSH (ALL CLEAR) 1 0 <td>2</td> <td>MODULATED</td> <td>m</td> <td>1000 - 1700</td> <td>CICLO 0.8s q</td> <td>STANDARD</td> <td>0</td> <td>1</td> <td>0</td> <td>0</td> <td>0</td>	2	MODULATED	m	1000 - 1700	CICLO 0.8s q	STANDARD	0	1	0	0	0
5 LINEAR	3	EVACUATION		440 - 560	000s/000s _	STANDARD	1	1	0	0	0
3 Direction 2010 3010 3010 3010 1 0 1 0 <th0< th=""></th0<>	4	LINEAR		300		GENERAL PURPOSE	0	0	1	0	0
7 LINEAR 2850 GENERAL PURPOSE 1 1 1 1 0 0 8 SWEEP 500 - 1200 3.5s 0N/0.5s 0FF NETHERLANDS-NEN2575:2000 0 0 0 0 1 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1	5	LINEAR		660		SWEDISH (ALL CLEAR)	1	0	1	0	0
8 SWEEP 500 - 1200 3.5s 0N/0.5s OFF NETHERLANDS-NEN25752000 0 0 0 1 0 9 SWEEP 500 - 1200 0.5s 0N/0.5s OFF X3 1.5s GFF ALSTRALIA AS1870 1 0 0 1 0 0 1 0 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 0 1 <td< td=""><td>6</td><td>LINEAR</td><td></td><td>750</td><td>n an</td><td>GENERAL PURPOSE</td><td>0</td><td>1</td><td>1</td><td>0</td><td>0</td></td<>	6	LINEAR		750	n an	GENERAL PURPOSE	0	1	1	0	0
9 SWEEP 300 - 1200 0.5s 0N/0.5s 0FF X 3 1.5s 0FF AUSTRALIA AS1670 1 0 0 1 1 0 1 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 <th1< th=""></th1<>	7	LINEAR		2850	e s	GENERAL PURPOSE	1	1	1	0	0
10 SWEEP 11 11 0.1 0.1 1.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 0.0 1.1 1.1 0.0 1.1 1.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 1.1 0.0 0.1 1.1 0.0 0.1 0.0 1.1 0.0 0.1 0.0 1.1	8	SWEEP	111	500 - 1200	3.5s ON/0.5s OFF	NETHERLANDS-NEN2575:2000	0	0	0	1	0
11 INTERMITTENT	9	SWEEP	111	500 - 1200	0.5s ON/0.5s OFF X 3 1.5 soDFF	AUSTRALIA AS1670	1	0	0	1	0
12 INTERMITTENT 660 0.15s 0N/0.15s 0FF SWEDISH (AIR RAID) 0 0 1 1 0 13 INTERMITTENT 660 18s 0N/18s 0FF SWEDISH (LOCAL WARNING) 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 1 0 0 1 1 1 0 0 1 1 1 0 0 1 1 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0	10	SWEEP	1/1/	800-970	0.5s ON/0.5s OFF X 3 1.5s DFF	ISO 8201	0	1	0	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 (LOCAL WARNING) 1 0 1 1 1 0 15 INTERMITTENT 720 0.7s ON/ 0.3s OFF GENERAL PURPOSE 1 1 1 1 0 1 1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1	11	INTERMITTENT		420	0.625s ON/0.625s OFF	AUSTRALIA AS1670 ALERT TONE	1	1	0	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 0 0 1 1 1 0 0 1 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0<	12	INTERMITTENT		660	0.15s ON/0.15s OFF 컬	SWEDISH (AIR RAID)	0	0	1	1	0
15 INTERMITTENT 720 0.7s 0N/0.3s 0FF GENERAL PURPOSE 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 1 1 0<	13	INTERMITTENT		660	1.8s ON/ 1.8s OFF	SWEDISH (LOCAL WARNING)	1	0	1	1	0
16 INTERMITTENT 750 0.33s Oly/0.5s OFF GENERAL PURPOSE 0 0 0 1 17 INTERMITTENT	14	INTERMITTENT		660	0.5s ON/0.5s OFF	SWEDISH GENERAL PURPOSE	0	1	1	1	0
17 INTERMITTENT - - 800 0.25s 0N/1s 0FF GENERAL PURPOSE 1 0 0 1 18 INTERMITTENT - - 970 0.5s 0N/0.5s 0FF X 3 1.5s 0FF ISO 8201 0 1 0 0 1 19 INTERMITTENT - - 970 0.5s 0N/0.5s 0FF ISO 8201 LOW TONE 1 1 0 0 1 20 INTERMITTENT - - 970 0.25s 0N/0.25s 0FF GENERAL PURPOSE 0 0 1 0 <td< td=""><td>15</td><td>INTERMITTENT</td><td></td><td>720</td><td>0.7s ON/0.3s OFF 8</td><td>GENERAL PURPOSE</td><td>1</td><td>1</td><td>1</td><td>1</td><td>0</td></td<>	15	INTERMITTENT		720	0.7s ON/0.3s OFF 8	GENERAL PURPOSE	1	1	1	1	0
18 INTERMITTENT Image: Constraint of the state of th	16	INTERMITTENT		750	0.33s ON/ 0.5s OFF	GENERAL PURPOSE	0	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 1 20 INTERMITTENT 970 0.25s ON/0.25s OFF GENERAL PURPOSE 0 0 1 1 0 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 <t< td=""><td>17</td><td>INTERMITTENT</td><td></td><td>800</td><td>0.25s ON/1s OFF</td><td>GENERAL PURPOSE</td><td>1</td><td>0</td><td>0</td><td>0</td><td>1</td></t<>	17	INTERMITTENT		800	0.25s ON/1s OFF	GENERAL PURPOSE	1	0	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 BITONE 2850 0.25s/0.5s GENERAL PURPOSE 1 1 0 1 24 BITONE 800 - 970 0.25s/0.25s BS5339-1.2002 0 0 0 1 1 25 BITONE	18	INTERMITTENT	пп	970-800	0.35s / 0.35s / 0,35s OFF X 3 1.5s OFF	ISO 8201	0	1	0	0	1
21 INTERMITTENT 2850 1s DN/1s OFF GENERAL PURPOSE 1 0 1 0 1 22 INTERMITTENT 2850 0.25s OV/0.25s OFF GENERAL PURPOSE 0 1 1 0 1 23 BFTONE 2850 0.25s/0.5s GENERAL PURPOSE 1 1 0 1 24 BFTONE 800 - 970 0.25s/0.25s BS5839-1.2002 0 0 1 1 25 BFTONE 800 - 970 0.800s/0.800s GENERAL PURPOSE 1 0 1 1 26 BFTONE 1000 - 2000 1s/1s GENERAL PURPOSE 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
22 INTERMITTENT 2850 0.25s 0N/025s 0FF GENERAL PURPOSE 0 1 1 0 1 23 BITONE 000-700 0.5s/0.5s GENERAL PURPOSE 1 1 1 0 1 24 BITONE 000-970 0.25s/0.25s BS5839-1.2002 0 0 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <td>20</td> <td>INTERMITTENT</td> <td></td> <td>970</td> <td>0.25s ON/ 0.25s OFF</td> <td>GENERAL PURPOSE</td> <td>0</td> <td>0</td> <td>1</td> <td>0</td> <td>1</td>	20	INTERMITTENT		970	0.25s ON/ 0.25s OFF	GENERAL PURPOSE	0	0	1	0	1
23 BłTONE 000-700 0.5s/0.5s GENERAL PURPOSE 1 1 1 0 1 24 BłTONE 000-970 0.25s/0.25s BS5839-1.2002 0 0 0 1 1 25 BłTONE 000-970 0.800s/0.800s GENERAL PURPOSE 1 0 0 1 1 26 BłTONE 000-970 0.800s/0.800s GENERAL PURPOSE 0 1 0 1 1 26 BłTONE 000-2000 1s/1s GENERAL PURPOSE 0 1 0 1 1 27 CHIME 1 SINGLE 00 700-800 0.4s/0.7s SINGLE SHOT DING DONG 1	21	INTERMITTENT		2850	1s ON/ 1s OFF	GENERAL PURPOSE	1	0	1	0	1
24 BITONE Image: Constraint of the system BS5839-12002 0 0 0 1 1 25 BITONE Image: Constraint of the system BOO - 970 0.25s/0.25s BS5839-12002 0 0 0 1 1 26 BITONE Image: Constraint of the system 1000 - 2000 1s/1s GENERAL PURPOSE 0 1 0 1 1 27 CHIME 1 SINGLE Image: Constraint of the system 700.800 0.4s/0.7s SINGLE SHOT DING DONG 1 1 0 1<	22	INTERMITTENT		2850	0.25s ON/ 0.25s OFF	GENERAL PURPOSE	0	1	1	0	1
25 BITONE Image: Constraint of the state of the stat	23	BI-TONE		600 - 700	0.5s/0.5s	GENERAL PURPOSE	1	1	1	0	1
26 BHTONE Image: Constraint of the state of the stat	24	BI-TONE		800 - 970	0.25s/0.25s	BS5839-1:2002	0	0	0	1	1
27 CHIME 1 SINGLE Constraint SINGLE SHOT DING DONG 1 1 0 1 1 0 1 1 28 CHIME 1 REPEATING Constraint 700-800 0.4s/0.7s OFF REPEATING DING DONG 0 0 1	25	BI-TONE		800 - 970	0.800s/0.800s	GENERAL PURPOSE	1	0	0	1	1
28 CHIME 1 REPEATING Cold 700600 0.4s/0.7s OFF REPEATING DING DONG 0 0 1 1 1 29 CHIME 1 REPEATING Cold 700600 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	26	BI-TONE		1000 - 2000	1s/1s	GENERAL PURPOSE	0	1	0	1	1
29 CHIME 1 REPEATING Cold 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 1 31 SIMULATED BELL -// 1850 0,1s(modulato 0.03s) GENERAL PURPOSE 1	27	CHIME 1 SINGLE	(+"+)	700-600	0.4s/0.7s	SINGLE SHOT DING DONG	1	1	0	1	1
30 HOOTER REPEATING - 3s ON/2s OFF GENERAL PURPOSE 0 1	28	CHIME 1 REPEATING	(~)	700-600	0.4s/0.7s OFF	REPEATING DING DONG	0	0	1	1	1
31 SIMULATED BELL A 1850 0,1s(modulato 0,03s) GENERAL PURPOSE 1 1 1 1 1 1	29	CHIME 1 REPEATING	(e*)	700-600	0.25s/0.4 OFF	REPEATING DING DONG	1	0	1	1	1
(D))Listen to	30	HOOTER REPEATING			3s ON/2s OFF	GENERAL PURPOSE	0	1	1	1	1
	31	SIMULATED BELL	1	1850	0,1s(modulato 0,03s)	GENERAL PURPOSE	1	1	1	1	1
SWITCH B SOUNDS))	0	JUUL
		ALLERTAMENTO - WARNING									D
N° TONE TONE TYPE F(Hz) TIMES MAIN APPLICATION DIP SWITCH				490	0.5s ON/1s OFF	GENERAL PURPOSE	0	0	0	0	

				01111011000001000					-	0116
N°	TONE	TONE TYPE	F[Hz]	TIMES	MAIN APPLICATION	DIP SWITCH		ſCH		
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		BS5839-12002	0	0	1	0	0
5	SWEP		500 - 1200	CICLO 3.75s/ 0.25s OFF	AS2220	1	0	1	0	0
6	SWEP	M	1400 - 1600	CICLO 1.5s	NF 48-265	0	1	1	0	0
7	SWEP	1111	800 - 970	CICLO 1.5s	BS5839-12002	1	1	1	0	0
8	SWEP		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 HIGHT 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-TCNE		640 - 970	0.5s/0.5s	GENERAL PURPOSE	0	1	0	1	1
27	BI-TCNE		490 - 610	0.25s/0.25s	GENERAL PURPOSE	1	1	0	1	1
28	CHIME 2 SINGLE	(č.)	554-440	0.35s/0.7s	SINGLE SHOT DING DONG	0	0	1	1	1
29	CHIME 2 REP	(Å)	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	<u>~</u>	1300-944	0.5s/1s/0.5s OFF	REPEATING DING DONG	1	1	1	1	1