

Explosion proof Sounder-Strobe- Combination eXL06

Loud signalling device with 32 different signals and a 5-Joule strobe light for use in zones 1+2 and 21+22

- ▶ Volume: up to approx. 117 db(A)
- ▶ 32 different signal tones, 3 stage alarm
- ▶ Flash energy 5 Joule
- ▶ Aluminium housing, ABS
- ▶ ATEX Approval
- ▶ Protection IP66 / IP67
- ▶ II 2 G Ex d IIB T4
II 2 D Ex td A21 IP 67 T 115 °C
- ▶ Version with telephone call relay (available)



Application

In an explosive environment it is often necessary to use optical and acoustic signals for warning, announcing and signalling.

The sound generator/flashlight combination eXL06 makes this signalling possible. It is designed for continuous operation.

The sound generator/flashlight combination eXL06 is activated by switching on the supply voltage and is available in different operating voltage executions and different light colours.

The sturdy aluminum/glass housing is executed in protection class IP 66 and can be used in rooms or outdoor areas of ex zones 1+2 as well as 21+22.

Two designs with an integrated telephone connecting relay are available for connection as a secondary device to an analogue telephone system.

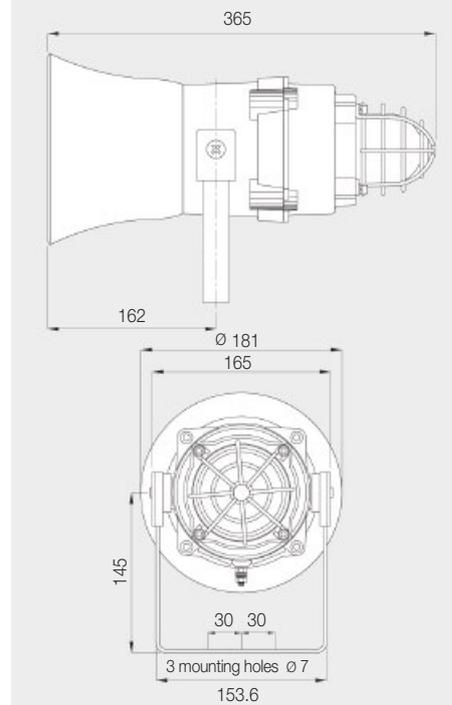
Used on a oil platform

For connection to an analogue telephone system with an integrated telephone connecting relay.



Technical specifications

Housing	copper-free, seawater resistant aluminium / glas, colour red, sound hood ABS (black)
Protection degree	IP66/IP67
Cable gland	M20 (not included in delivery)
Coloured cap	clear, red, amber, green, blue
Alarm sound selection	with dip switches
Volume	max. approx. 117 dB(A) at a distance of 1m nom. approx. 110 db(A) at a distance of 1m
Volume adjustment	72 dB(A) to 110 dB(A)
Signals	32
Current Consumption	56 – 750 mA (according to voltage variant)
Operation temperature	-50 °C to +70 °C
Explosion protection class	II2 G Exd IIB T4 II2 D Ex td A21 IP67 T 115 °C
Weight	approx. 5.0 kg



Stage 1	Frequency	Specification	dB @ 1m*	Stage 2	Stage 3
Tone 1	1000 Hz	Continuous - PFEER Toxic Gas	110.0dB(A) @ 1m	Tone 31	Tone 11
Tone 2	800/1000Hz @ 0.25 sec	Alternating	110.0dB(A) @ 1m	Tone 17	Tone 5
Tone 3	500/1200Hz @ 0.3Hz 0.5 sec	Slow Whoop	110.5dB(A) @ 1m	Tone 2	Tone 5
Tone 4	800/1000Hz @ 1Hz	Sweeping	110.0dB(A) @ 1m	Tone 6	Tone 5
Tone 5	2400Hz	Continuous	109.0dB(A) @ 1m	Tone 3	Tone 27
Tone 6	2400/2900Hz @ 7Hz	Sweeping	109.0dB(A) @ 1m	Tone 7	Tone 5
Tone 7	2400/2900Hz @ 1Hz	Sweeping	110.0dB(A) @ 1m	Tone 10	Tone 5
Tone 8	500/1200/500Hz @ 0.3Hz	Sweeping	110.5dB(A) @ 1m	Tone 2	Tone 5
Tone 9	1200/500Hz @ 1Hz -	DIN / PFEER P.T.A.P.	110.5dB(A) @ 1m	Tone 15	Tone 2
Tone 10	2400/2900Hz @ 2Hz	Alternating	109.0dB(A) @ 1m	Tone 7	Tone 5
Tone 11	1000Hz @ 0.5Hz	Intermittent	110.0dB(A) @ 1m	Tone 31	Tone 1
Tone 12	800/1000Hz @ 0.875Hz	Alternating	110.0dB(A) @ 1m	Tone 4	Tone 5
Tone 13	2400Hz @ 1Hz	Intermittent	109.0dB(A) @ 1m	Tone 15	Tone 5
Tone 14	800Hz 0.25sec on, 1 sec off	Intermittent	103.0dB(A) @ 1m	Tone 4	Tone 5
Tone 15	800Hz	Continuous	103.0dB(A) @ 1m	Tone 2	Tone 5
Tone 16	660Hz 150mS on, 150mS off	Intermittent	104.0dB(A) @ 1m	Tone 18	Tone 5
Tone 17	544Hz (100mS)/440Hz (400mS) - NF S 32-001	Intermittent	107.0dB(A) @ 1m	Tone 2	Tone 27
Tone 18	660Hz 1.8sec on, 1.8sec off	Intermittent	105.0dB(A) @ 1m	Tone 2	Tone 5
Tone 19	1.4KHz-1.6KHz 1s, 1.6KHz-1.4KHz 0.5s -NFC48-265	Intermittent	117.0dB(A) @ 1m	Tone 2	Tone 5
Tone 20	660Hz	Continuous	104.0dB(A) @ 1m	Tone 2	Tone 5
Tone 21	554Hz/440Hz @ 1Hz	Alternating	107.0dB(A) @ 1m	Tone 2	Tone 5
Tone 22	544Hz @ 0.875 sec.	Intermittent	107.0dB(A) @ 1m	Tone 2	Tone 5
Tone 23	800Hz @ 2Hz	Intermittent	103.0dB(A) @ 1m	Tone 6	Tone 5
Tone 24	800/1000Hz @ 50Hz	Sweeping	107.0dB(A) @ 1m	Tone 29	Tone 5
Tone 25	2400/2900Hz @ 50Hz	Sweeping	109.0dB(A) @ 1m	Tone 29	Tone 5
Tone 26	Bell		117.0dB(A) @ 1m	Tone 2	Tone 1
Tone 27	554Hz	Continuous	107.0dB(A) @ 1m	Tone 26	Tone 5
Tone 28	440Hz	Continuous	104.0dB(A) @ 1m	Tone 2	Tone 5
Tone 29	800/1000Hz @ 7Hz	Sweeping	106.0dB(A) @ 1m	Tone 7	Tone 5
Tone 30	S2220: 420Hz repeating 0.625 sec on, 0.625 sec off.		104.0dB(A) @ 1m	Tone 32	Tone 5
Tone 31	660/1200Hz @ 1Hz		110.5dB(A) @ 1m	Tone 11	Tone 1
Tone 32	AS2220: 500-1200Hz 3.75s on 0.25s off (15 cycles/min)		110.5dB(A) @ 1m	Tone 26	Tone 1

* The full article number is made up by appending the colour code for the coloured cap to the article numbers below.

clear	01
red	02
amber	03
green	04
blue	05

Order information

Type	Name	Rated voltage U _e	Current Consumption	Art. no.*
eXL06	Sounder-Strobe-Combination	24 VDC	570 mA	225 823 ..
eXL06	Sounder-Strobe-Combination	230 VAC	120 mA	225 817 ..
eXL06	Sounder-Strobe-Combination with call relay	24 VDC	570 mA	225 873 ..
eXL06	Sounder-Strobe-Combination with call relay	230 VAC	120 mA	225 877 ..

Subject to change without notice · Printout 07/12

