

Yodalarm



Ex II-Sounder-Strobe-Combination YL 6

**Loud signalling device
with 32 different signals
and a 5-joule strobe light**

- ▶ Volume: approx. 110 dB(A)
- ▶ 32 different signal tones
- ▶ Flash energy 5 joule
- ▶ Housing: Aluminium, glass, plastic
- ▶ ATEX, UL
- ▶ IP 66/Nemax 4x
- ▶ II 2 GD Exd IIB T4



Application

Hazardous areas often require the use of optical and acoustical signals for warning or information purposes. The Sounder-Strobe-Combination YL 6 offers both of these signalling features. It is designed for continuous operation. If the supply voltage is turned on, the Sounder-Strobe-Combination YL 6 is activated. The device is available in several versions with various levels of operating voltage and various signalling colours.

The stable Aluminium / Glass housing is made to the IP66 degree of protection and may be used indoors or outdoors.

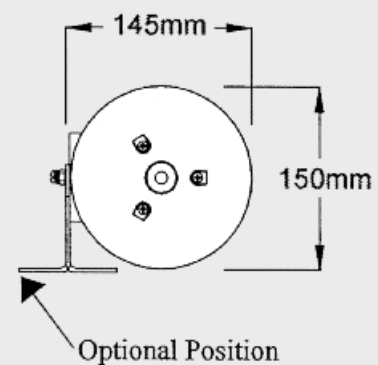
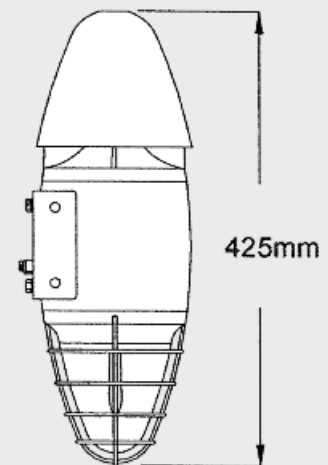
Technical specifications

Housing	Aluminium / Glass / Plastic
Protection degree	IP66 NEMA 4X
Lens colour	clear, red, amber, green, blue
Sound selection	via DIL switches
Volume	approx. 110 dB(A) in 1m distance (Regarding volume specifications, please see the chapter "Technical Informations".)
2 stage alarm	
selectable tones	32
Current consumption	570 mA
Operating temperature	-20°C to +60°C
Explosion Protection	II 2 GD Exd IIB T4 Class I Division 1, Gas Group BCD
Weight	5.6 kg

First Stage Signal	Frequency Hertz	REP Rate (sec.)	2nd Stage	Switch 1 2 3 4 5	Special Application
1 Alternate two-tone	800 – 1000	0.5	3	1 1 1 1 1	Fire alarms
2 Alternate two-tone	2500 – 3100	0.5	4	0 1 1 1 1	Security alarms
3 Alternate fast two-tone	800 – 1000	0.25	7	1 0 1 1 1	Increased urgency
4 Alternate fast two-tone	2500 – 3100	0.25	8	0 0 1 1 1	Security deterrent
5 Alternate two-tone	440 – 554	0.4/0.1	14	1 1 0 1 1	AFNOR, France
6 Alternate two-tone	430 – 470	1.0	14	0 1 0 1 1	
7 Alternate v. fast two-tone	800 – 1000	0.13	12	1 0 0 1 1	
8 Alternate v. fast two-tone	2500 – 3200	0.07	13	0 0 0 1 1	
9 Alternate two-tone	440 – 554	2.0	10	1 1 1 0 1	Turn out, Sweden
10 Continuous tone	700	–	1	0 1 1 0 1	All-clear, Sweden
11 Continuous tone	1000	–	31	1 0 1 0 1	
12 Continuous tone	1000	–	7	0 0 1 0 1	
13 Continuous tone	2300	–	2	1 1 0 0 1	
14 Continuous tone	440	–	9	0 1 0 0 1	
15 Interrupted tone	1000	2.0	31	1 0 0 0 1	
16 Interrupted tone	420	1.25	30	0 0 0 0 1	AS2220, Australia
17 Interrupted tone	1000	0.5	1	1 1 1 1 0	
18 Interrupted tone	2500	0.25	4	0 1 1 1 0	
19 Interrupted tone	2500	0.5	2	1 0 1 1 0	
20 Interrupted tone	700	6/12	10	0 0 1 1 0	Pre-vitalmessage, Sweden
21 Interrupted tone	1000	1.0	32	1 1 0 1 0	
22 Interrupted tone	700	4.0	10	0 1 0 1 0	Air-raid alarm, Sweden
23 Interrupted tone	700	0.25	10	1 0 0 1 0	Local warning, Sweden
24 Interrupted tone	720	0.7/0.3	10	0 0 0 1 0	Industrial alarm, Germany
25 Int., fast, rising volume	1400	0.25	26	1 1 1 0 0	
26 Fast siren	250 – 1200	0.085	11	0 1 1 0 0	
27 Rising constant, fall	1000	10/40/10	17	1 0 1 0 0	Industrial alarm, Germany
28 ISO 8201 Evacuation	800 – 1000	As std.	11	0 0 1 0 0	Int'l evacuation alarm
29 Fast whoop	500 – 1000	0.15	32	1 1 0 0 0	
30 Slow whoop	500 – 1200	4.5	12	0 1 0 0 0	Evacuation, The Netherl.
31 Reverse Sweep	1200 – 500	1	11	1 0 0 0 0	Evacuation, Germany
32 Siren	500 – 1200	3.0	26	0 0 0 0 0	

Switch: ON = 1 und OFF = 0

Dimensions (mm)



PFEER Signals acc. UKOOA:	
Alarm	Signal 15 Interrupted tone 1000 Hz
PAPA	Signal 31 Reverse Sweep 1200–500 Hz
Toxic gas	Signal 11 Continuous tone 1000 Hz

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

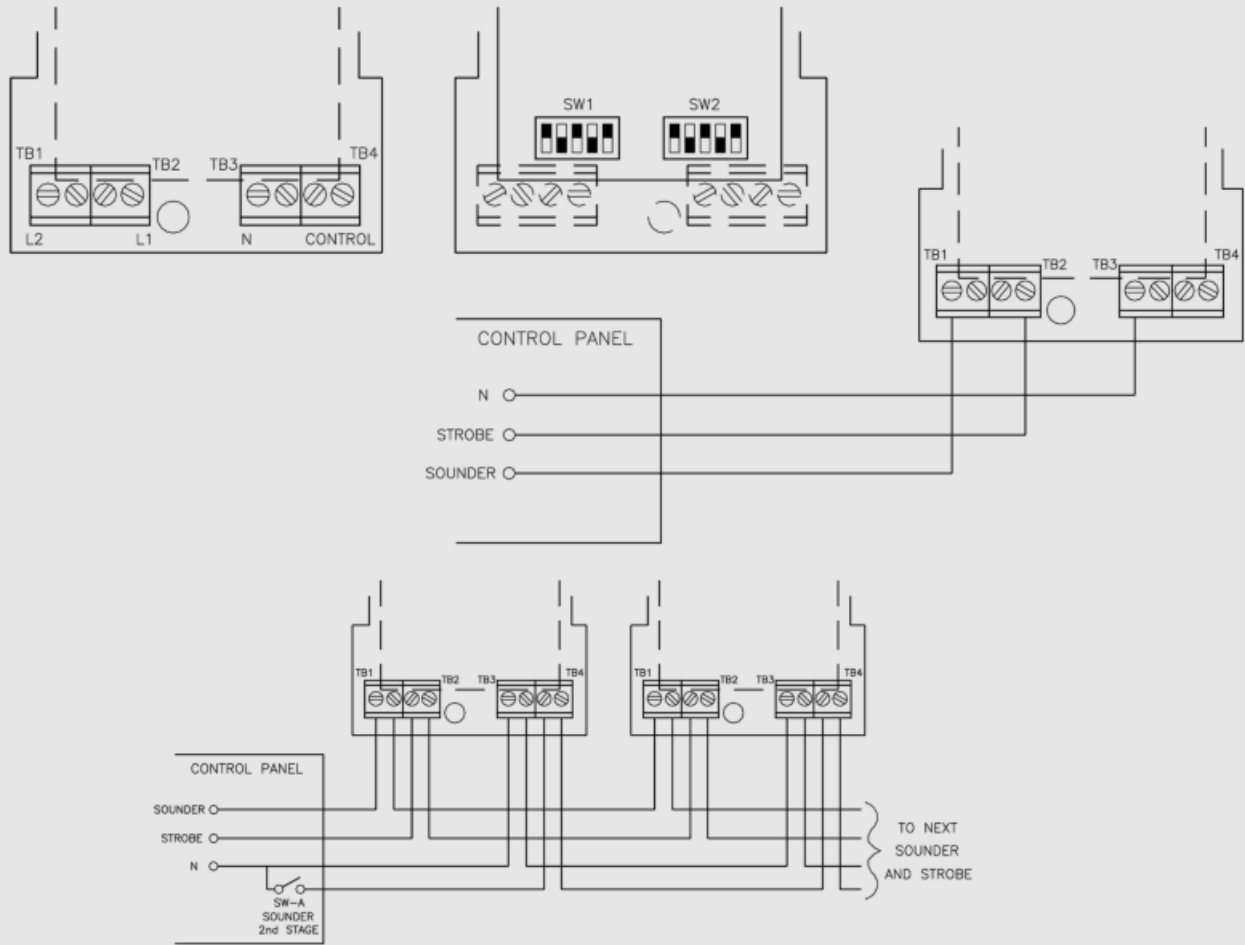
clear	01
red	02
amber	03
green	04
blue	05

Order Information

Type	Name	Rated voltage	Current consumption	Art-no.*
YL 6	Sounder-Strobe-Combination	24 VDC ± 10%	570 mA	224 813 ..
YL 6	Sounder-Strobe-Combination	230 VAC ± 10%	100 mA	224 807 ..

Subject to change without notice · Printout 01/10

AC-version



DC-version

