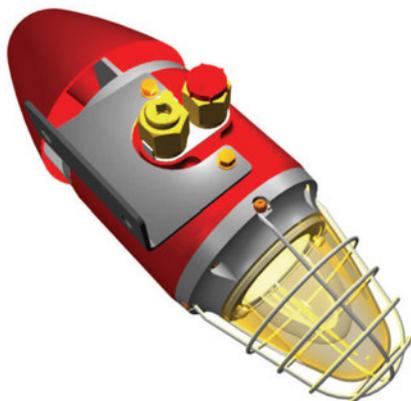




# YL6

## EXPLOSION-PROOF HORN/STROBE



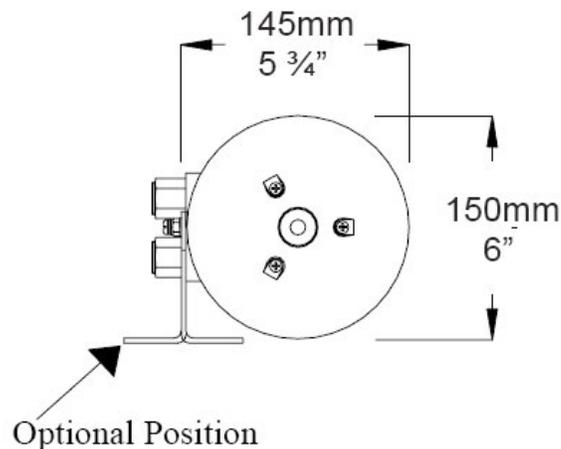
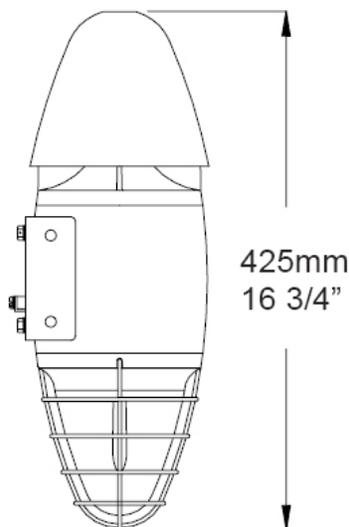
P/N: 19041 (Clear Lens)\*  
97613 (Red Lens)



### Description

The YL6 explosion-proof horn/strobe, combined with suitable Janus Fire Systems® detection and releasing control panels, provides visual and audible alarm indication in an explosion-proof housing.

### Dimensions



### Features

- Omni Directional high output horn
- 2 stage alarm
- Independently selectable 2nd stage
- All units share a common explosion proof housing
- Reduced installation costs
- Meets Universal approval
- Low current consumption
- Dual cable entry, cable in – cable out
- LM6 aluminium enclosure
- Stainless steel fasteners
- Borosilicate glass dome for strength and protection
- Lens guard provided as standard
- Weather proof flame retardant ABS horn
- Clear color lens in flame retardant polycarbonate
- Complies with PFEER regulations
- 32 selectable tones meeting international regulations
- Sound selection via DIP switches (see Tone Table on page 2)
- Cable entries M20 (Europe) via retained adaptors to 1/2" NPT (UL) as standard
- Clear Lens: 30 cd
- Red Lens: 9 cd
- Weight: 13.2 lb (6 kg)

\* 230VAC model available P/N 97969

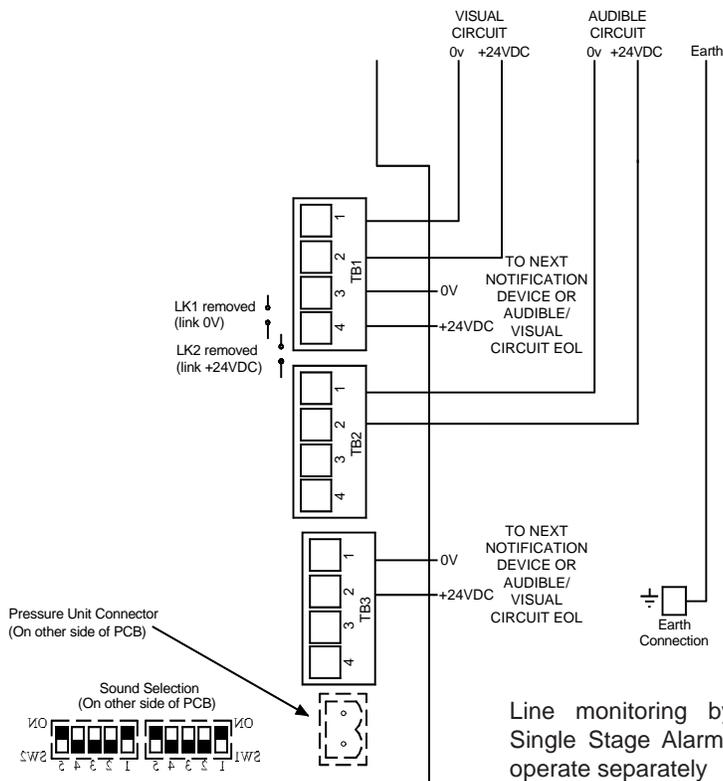
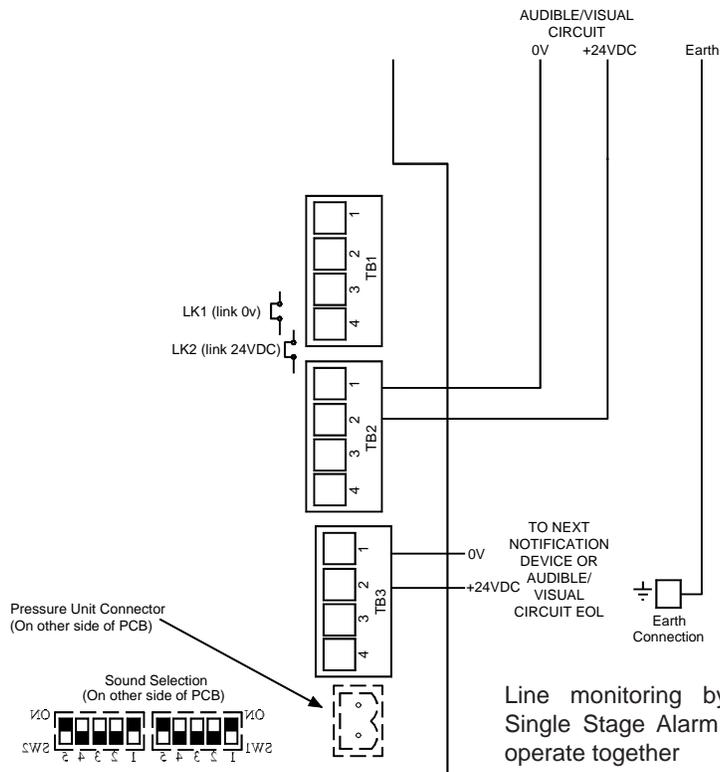


Sound Signal		Freq.	Rept. Rate	Sound Switches	Special Applications
				1 2 3 4 5	
				SW1, SW2	
1	Alternate two-tone	800-1000	0.5	1 1 1 1 1	Fire Alarms
2	Alternate two-tone	2500-3100	0.5	0 1 1 1 1	Security Alarms
3	Alternate fast two-tone	800-1000	0.25	1 0 1 1 1	Increased Urgency
4	Alternate fast two-tone	2500-3100	0.25	0 0 1 1 1	Security Deterrent
5	Alternate two-tone	440-554	0.4/0.1	1 1 0 1 1	Evacuation Alarm, FRANCE
6	Alternate two-tone	430-470	1.0	0 1 0 1 1	
7	Alternate v.fast two-tone	800-1000	0.13	1 0 0 1 1	
8	Alternate v.fast two-tone	2500-3200	0.07	0 0 0 1 1	
9	Alternate two-tone	440-554	2.0	1 1 1 0 1	Turn-out, SWEDEN
10	Continuous note	700	-	0 1 1 0 1	All Clear, SWEDEN
11	Continuous note	1000	-	1 0 1 0 1	
12	Continuous note	1000	-	0 0 1 0 1	
13	Continuous note	2300	-	1 1 0 0 1	
14	Continuous note	440	-	0 1 0 0 1	
15	Interrupted tone	1000	2.0	1 0 0 0 1	
16	Interrupted tone	420	1.25	0 0 0 0 1	
17	Interrupted tone	1000	0.5	1 1 1 1 0	
18	Interrupted tone	2500	0.25	0 1 1 1 0	
19	Interrupted tone	2500	0.5	1 0 1 1 0	
20	Interrupted tone	700	6/12	0 0 1 1 0	Pre-vital Message, SWEDEN
21	Interrupted tone	1000	1.0	1 1 0 1 0	
22	Interrupted tone	700	4.0	0 1 0 1 0	Air-raid Alarm, SWEDEN
23	Interrupted tone	700	0.25	1 0 0 1 0	Local Warning, SWEDEN
24	Interrupted tone	720	0.7/0.3	0 0 0 1 0	Industrial Alarm, GERMANY
25	Int, fast, rising volume	1400	0.25	1 1 1 0 0	
26	Fast siren	250-1200	0.085	0 1 1 0 0	
27	Rising constant, fall	1000	10/40/10	1 0 1 0 0	Industrial Alarm, GERMANY
28	ISO 8201 Evacuation	800-1000	as std	0 0 1 0 0	International Evacuation Alarm
29	Fast whoop	500-1000	0.15	1 1 0 0 0	
30	Slow whoop	500-1200	4.5	0 1 0 0 0	Evacuation Alarm, Netherlands
31	Reverse sweep	1200-500	1	1 0 0 0 0	Evacuation Alarm, GERMANY
32	Siren	500-1200	3.0	0 0 0 0 0	

switch settings: ON=1 and OFF=0



## DC Alarm Connection and Sound Signal Selection





## Technical Specifications

Voltage	Horn	Strobe	Current	Temperature	Classification
24 VDC	110 dB @ 3.28 ft (1 m)	5 Joules	570 mA	-13°F to 140°F (-25°C to 60°C)	Class I, Div 1, Groups B,C,D Class I, Zone I
230 VAC	110 dB @ 3.28 ft (1 m)	5 Joules	100 mA	-13°F to 140°F (-25°C to 60°C)	Class I, Div 1, Groups B,C,D Class I, Zone I

## Mounting

Mounting bracket provided. Holes 0.35 in (9 mm) diameter. Pitch 2.95 in (75 mm).

## Approval Specifications

### Underwriters Laboratories UL Standards

UL 464, UL 1203, UL 1638  
Control No. 8N30

### UL Classifications

Class I Division 1 and 2, Gas Group BCD

### CUL Canada

CSA C22.2 No. 25-M1966, CSA C22.2 No. 30-M1986

### European Standards

EN.50014:1997 + Amendments 1 & 2; EN.50018:2000:  
EN.50281-1-1:1998  
Baseefa 02ATEX2222X (IIB+H2)  
ATEX Directive 94/9/EC

*Note: Approvals/Listings maintained by and manufactured by R. Stahl.*

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