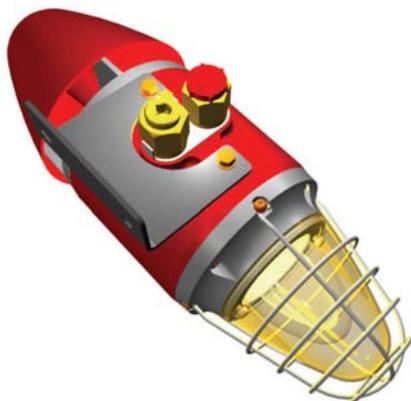




# YL6

## EXPLOSION-PROOF HORN/STROBE



P/N: 19041



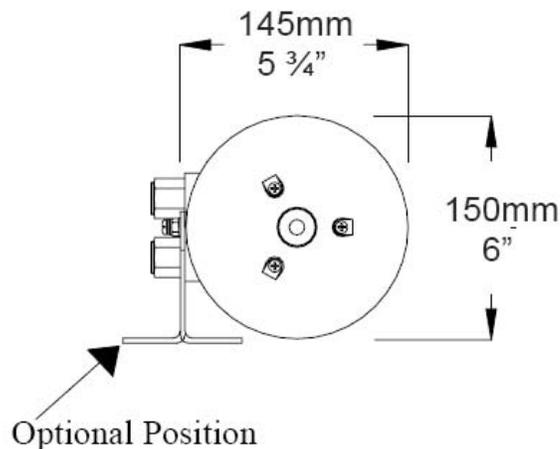
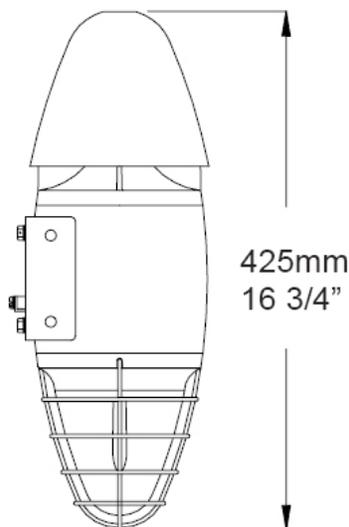
### Description

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.

### 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
- Weight: 13.2 lb (6 kg)

### Dimensions

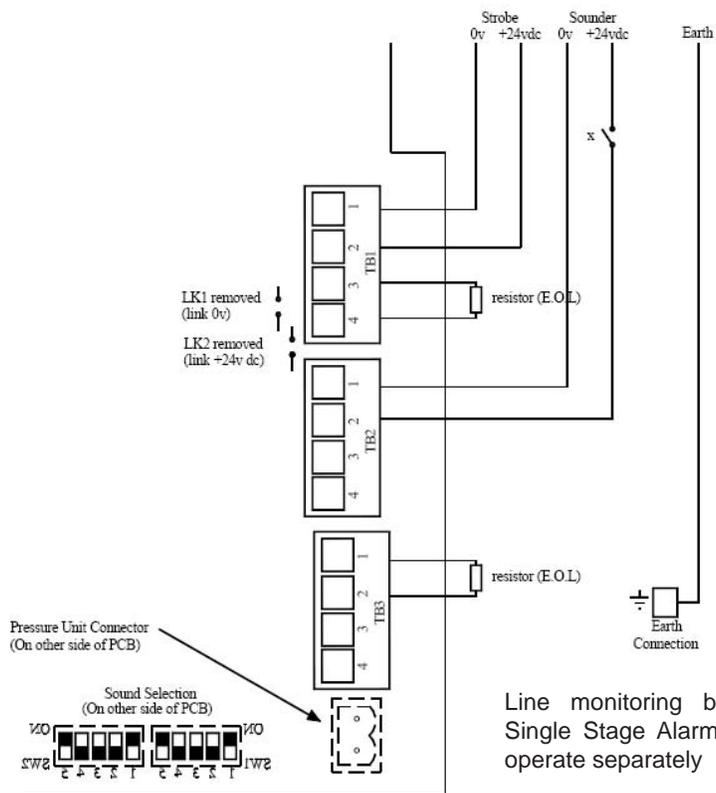
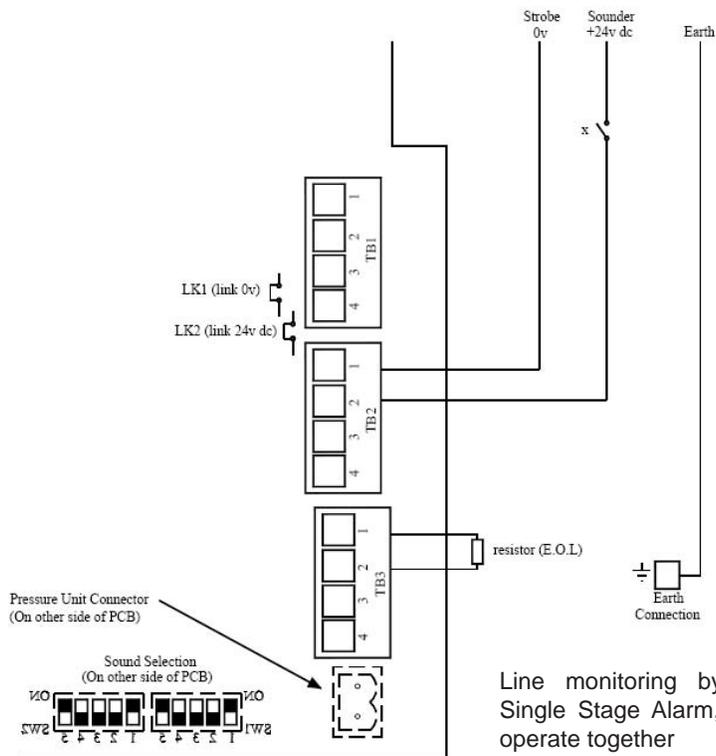


Sound Signal		Freq.	Rept. Rate	Sound Switches	Special Applications	
				1 2 3 4 5		
				SW1, SW2		
1	Alternate two-tone	800-1000	0.5	1 1 1 1 1	Fire Alarms	
2	Alternate two-tone	2500-3100	0.5	0 1 1 1 1	Security Alarms	
3	Alternate fast two-tone	800-1000	0.25	1 0 1 1 1	Increased Urgency	
4	Alternate fast 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

## 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 02ATEX0212X (IIB)  
Baseefa 02ATEX2222X (IIB+H2)  
ATEX Directive 94/9/EC

*Note: Approvals/Listings maintained by and manufactured by Clifford & Snell.*

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