

YO8/YL8

YO8/YL8 SUPER

Industrial Audible and Visual Alarm

~ Yodalarm & Yodalight ~

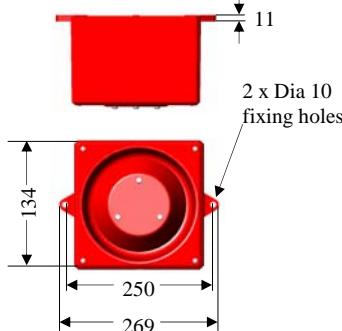
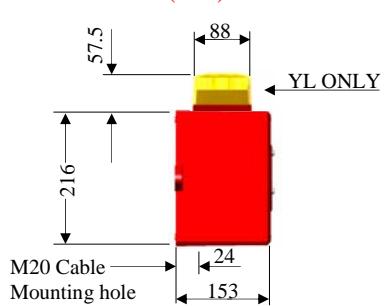


YL8/YL8 Super



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DIMENSIONS (mm)



All dimensions quoted are approximate only and subject to change without notice as are technical features resulting from continual development and improvement.

CONFIGURATOR

Unit type	YO8	YA80	RF		
Supply Voltage	12Vdc	B			
	24Vdc	D			
	48Vdc	F			
	115Vac	L			
	230Vac	N			
Material	Red Flame Retardant	RF			
	SUPER Units	SU			
	IP65	WR			
Certification USA/Canada		UL			
Unit type	YL8	YL80	RF		
Supply Voltage and Flash Energy	12Vdc 2.5 joules	B25			
	24Vdc 2.5 joules	D25			
	24Vdc 5.0 joules	D50			
	48Vdc 5.0 joules	F50			
	115Vac 5.0 joules	L50			
	230Vac 5.0 joules	N50			
Lens Colour	A R G O B C				
Material	Red Flame Retardant	RF			
	SUPER Units	SU			
	IP 65	WR			
Certification USA/Canada		UL			



MAIN FEATURES

- 2 stage alarm
- High sound output
- 3 wire polarised DC and AC, or 2 wire bi-polar for DC only
- Independently selectable second stage
- Complies with BS 5839
- Choice of 6 lens colours: Amber (A), Red (R), Green (G), Opal (O), Blue (B) and Clear (C) made from flame retardant polycarbonate plastic
- Continuously rated
- Flame retardant ABS plastic enclosure
- Strobe - 2.5 and 5.0 joule.
- Stainless steel fixings
- 32 selectable tones meeting international regulations
- Sound selection via DIL switch

TECHNICAL SPECIFICATION

Operating temperature	-25 to +55 deg C
Storage temperature	-40 to +70 deg C
Operating voltage	12Vdc, 24Vdc, 48Vdc 115Vac, 230Vac +/- 10%
DC second stage alarm signal	via polarised or 2 wire bi-polar connection
IP 54 rated as std, IP 65 (WR) to order	
Weight YO8 + Super	2.5Kg
YL8 + Super	3.0Kg
Separate input and output terminals on YO8, optional on YL8	
Relative humidity	90% @ 40deg C
Sound output	116dB(A) at 1 mtr
Sound output	120dB(A) at 1 mtr (SUPER Units)
Minimum current consumption	300mA

The PFEER sound signals recommended by UKOOA are:

General Alarm	Sound Signal 15	Interrupted tone 1000 Hz
PAPA	Sound Signal 31	Reverse Sweep 1200-500 Hz
Toxic Gas	Sound signal 11	Continuous Tone 1000 Hz

MOUNTING

The YO8/YL8 series alarm units should be mounted to a reasonably flat wall or bulkhead of suitable material using the lugs projecting from the side of the case. The lugs are bored 10mm on 250mm centres. The minimum recommended length of fixing screws is 30mm. To maintain the integrity of the weather seal, the cable must be fitted using a suitable sealed gland.

LINE MONITORING (DC Only)

- 3 Wire 2 stage or 2 wire single stage, monitor via reverse polarity
- 2 Wire 2 stage i.e. bi-polar inputs, monitor via threshold (applied voltage <1V)
- End of line resistor. Minimum 3K3 ohm 0.5 watts, wire-wound or metal film type.

APPROVAL SPECIFICATION

UL 1638, UL 464
C22.2 No. 205-M1983, CAN/ULC-5526-M87
BS EN 54-3 : 2001 incorporates amendment A1 : 2002

YO8/YL8 Vdc	YO8 Super	YL8 Super	YO8 + Super	YL8 + Super
116 dB	120 dB	2.5 Kg	3.0 Kg	