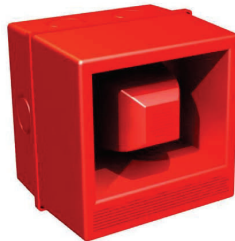




VdS



KM91259



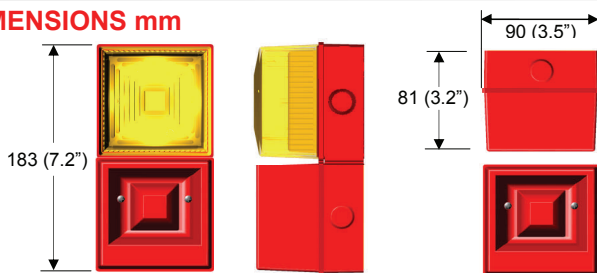
## MAIN FEATURES

- 2 Stage alarm
- High sound output
- 3 wire polarised DC (Not additional voltage option) & AC, or 2 wire bi-polar for DC only.
- 3 wire AC second stage control
- Complies with BS 5839
- Strobe 2.5 and 5 joule.
- Choice of 6 lens colours: Amber (A), Red (R), Green (G), Opal (O), Blue (B) and Clear (C) made from flame retardant polycarbonate plastic
- Red / white flame retardant ABS plastic enclosure.
- Continuously rated
- Flush mounting base available
- 32 selectable tones meeting international regulations
- Sound selection via 5 way DIL switch

YL4

YO4

## 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

<b>Unit type</b>	YO4	YA40						
<b>Supply Voltage</b>	12Vdc (NOT BS EN 54-3)	B						
	24Vdc	D						
	48Vdc	F						
	115Vac	L						
	230Vac	N						
	24Vdc and 48Vdc	E						
	110Vdc	H						
<b>Material</b>	Red Flame	RF						
	Red Normal	RN						
	White	WN						
<b>IP65 (std on UL units)</b>		WR						
<b>Optional Ind 2nd Stage DC Only</b>		(2)						
<b>Certification USA/Canada</b>		UL						
<b>Certification Vds (DC Only)</b>		Vds						
<b>Unit Type YL4</b>		YL40						
<b>Strobe</b>	12Vdc 2.5 joules	B25						
<b>Supply Voltage</b>	24Vdc 2.5 joules	D25						
<b>and Flash Energy</b>	24Vdc 5.0 joules	D50						
	48Vdc 5.0 joules	F50						
	115Vac 5.0 joules	L50						
	230Vac 5.0 joules	N50						
<b>Lens Colour</b>		A	R	G	O	B	C	
<b>Material</b>	Red Flame	RF						
	Red Normal	RN						
	White	WN						
<b>IP65 (std on UL units)</b>		WR						
<b>Optional Ind 2nd Stage DC Only</b>		(2)						
<b>Certification USA/Canada</b>		UL						
<b>Certification Vds (DC Only)</b>		Vds						

## TECHNICAL SPECIFICATION

- Operating temperature UL: -35°C to +66°C
- EN54-3: -25°C to +55°C
- VdS: -25°C to +40°C
- Operating voltage 12Vdc, 24Vdc, 48Vdc, 115Vac, 230Vac +/- 10% (12Vdc versions will produce approx. 6dB less output)
- Additional voltage options (Sounders only) Combined 24Vdc and 48Vdc (BT) 110Vdc
- Relative humidity 95% @ 40 deg C
- Sound output 106dB(A) at 1 mtr
- IP54 rated as standard. Rated IP65 (WR) to order
- Weight: YO4 dc = 0.25Kg ac = 0.35Kg  
YL4 dc = 0.51Kg ac = 0.57Kg
- Volume control allowing 18dB(A) adjustment
- Minimum current consumption 20mA
- Optional independent 2nd stage via second DIL switch (DC only)

## MOUNTING

The YO4/YL4 series alarm should be mounted to a reasonably flat wall or bulkhead of suitable material using the internal fixing holes. The recommended fixing screws are dia 4.5 mm max x 20 mm long. To maintain the integrity of the weather seal, the cable must be fitted using a suitable sealed gland.

## LINE MONITORING (DC Only) excludes additional voltage options

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  
DIN EN 54, Teil 3 (10/01)  
VdS 2504 (12/96) VdS 2203 (03/01) VdS 2344 (12/05) - Cert. No.G28702  
VdS approval applies to selected models only. Contact sales for details

<b>YO4 Vdc</b>	<b>YO4 Vac</b>	<b>YL4 Vdc</b>	<b>YL4 Vac</b>
