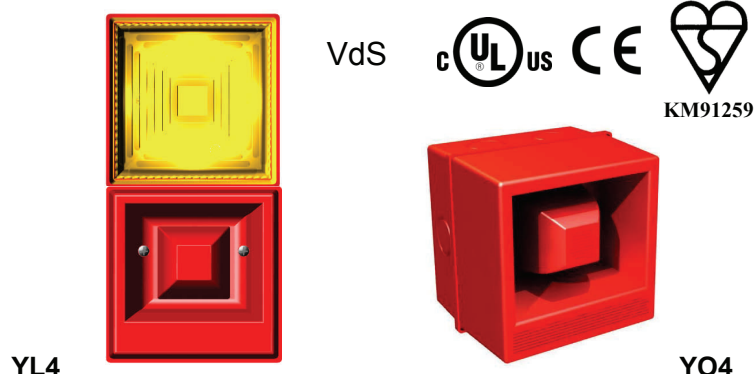
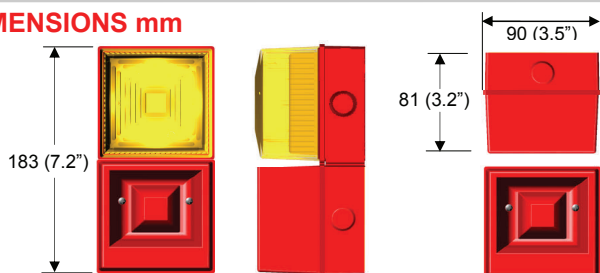




MAIN FEATURES

- 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

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

YO4 Vdc	YO4 Vac	YL4 Vdc	YL4 Vac
 0.25 Kg	 0.35 Kg	 0.51 Kg	 0.57 Kg
 32	 IP 54	 106 dB	
 5 joules	 2.5 joules		