

YO4/YL4

Industrial Audible and Visual Alarm

~ Yodac ~



YL4



KM91259

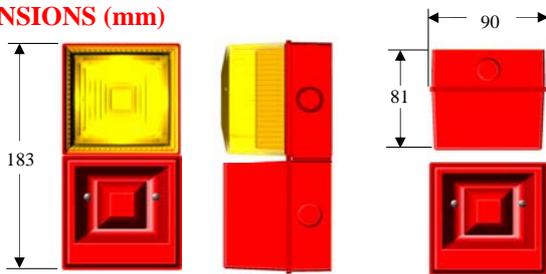


YO4

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 flame retardant or red/white non 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	24Vdc 48Vdc 115Vac 230Vac 24Vdc and 48Vdc 110Vdc	D F L N E H						
Material	Red Flame Retardant Red Non Flame Retardant White Non Flame Retardant	RF RN WN WR (2) UL						
IP65								
Optional Independent 2nd Stage								
Certification USA/Canada								

Unit type	YL4	YL40						
Strobe	12Vdc 2.5 joules	B25						
Supply Voltage	24Vdc 2.5 joules	D25						
and	24Vdc 5.0 joules	D50						
Flash	48Vdc 5.0 joules	F50						
Energy	115Vac 5.0 joules	L50						
	230Vac 5.0 joules	N50						
Lens Colour		A R G O B C						
Material	Red Flame Retardant Red Non Flame Retardant White Non Flame Retardant	RF RN WN WR (2) UL						
IP65								
Optional Independent 2nd Stage								
Certification USA/Canada								

TECHNICAL SPECIFICATION

- Operating temperature -25 to +55 deg C
- Storage temperature -40 to +70 deg C
- Operating voltage 24Vdc, 48Vdc, 115Vac, 230Vac +/- 10%
- Additional voltage options (Sounders only) 24Vdc and 48Vdc (BT) 110Vdc (12Vdc versions will produce approx. 6dB less output)
- Relative humidity 95% @ 40 deg C
- Sound output 106dB(A) at 1 mtr
- IP54 rated std, IP65 (WR) to order
- Weight: YO4 0.22Kg (DC), 0.32Kg (AC)
YL4 0.47Kg (DC), 0.57Kg (AC)
- 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

YO4 Vdc 0.22 Kg	YO4 Vac 0.32 Kg	YL4 Vdc 0.47 Kg
YL4 Vac 0.57 Kg	32	IP 54
106 dB	+55°C -25°C	5 joules
2.5 Kg		