

YO4/YL4



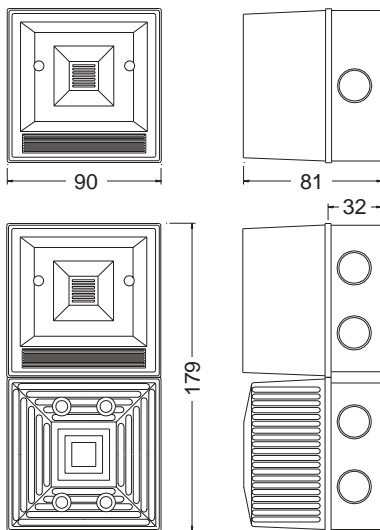
Applicable to YO4
24V dc models only

Industrial Audible and Visual Alarm

MAIN FEATURES

- 2 stage alarm
- High sound output
- 3 wire polarised DC (Not Multivoltage option) & AC, or 2 wire bi-polar for DC only
- 3 wire AC second stage control
- Complies with BS 5839 Pt1 : 1988
- Strobe - 2.5 and 5 joule. See Ordering Instructions
- Choice of 6 lens colours red, amber, green, blue, opal, clear made from flame retardant polycarbonate plastic
- Red flame retardant or red/white non flame retardant ABS plastic enclosure. See ordering instructions.
- Continuously rated
- Flush mounting base available
- 32 selectable tones meeting international regulations
- Sound selection via 5 way DIL switch (see Tone Table on page 18)

DIMENSIONS (mm)



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

MOUNTING

The YO4/YL4 series alarm units 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 entry must be via a suitable sealed gland.

LINE MONITORING (DC Only) excludes multivoltage

- 3 Wire 2 stage or 2 wire single stage, monitor via reverse polarity
- 2 Wire 2 stage ie. 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.



TECHNICAL SPECIFICATION

- Operating temperature -25 to +55 deg C
- Storage temperature -40 to +70 deg C
- Operating Voltage 24Vdc (12 – 35Vdc), 48Vdc, 115Vac, 230Vac +/- 10%

Multivoltage options (Sounders only)
 24Vdc and 48Vdc (BT)
 110Vdc

(12Vdc versions will produce approx. 6dB less output)

- Relative humidity 95% at 40 deg C
- Sound output up to 106dB(A) at 1 mtr
- IP54 rated std, IP 65 (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)

HOW TO ORDER

| | | | | | | |
|--|---------------------|-----|-------------------------|------|---------------------------|-------|
| Unit Type | YO4 | | | | | |
| Supply Voltage | DC | | AC | | | |
| | 24 | 48 | 115 | 230 | | |
| | D | F | L | N | | |
| Material | Red Flame Retardant | | Red Non Flame Retardant | | White Non Flame Retardant | |
| | RF | | RN | | WN | |
| Optional Independent 2nd Stage | (2) | | | | | |
| Unit Type | YL4 | | | | | |
| Strobe supply Voltage and Flash Energy | FLASH ENERGY | | DC | | | |
| | 12 | 24 | 48 | 115 | 230 | AC |
| | 2.5 J | B25 | D25 | | | |
| | 5.0 J | | D50 | F50 | L50 | N50 |
| Lens Colour | AMBER | RED | GREEN | OPAL | BLUE | CLEAR |
| | A | R | G | O | B | C |
| Material | Red Flame Retardant | | Red Non Flame Retardant | | White Non Flame Retardant | |
| | RF | | RN | | WN | |
| Optional Independent 2nd Stage | (2) | | | | | |