

**General:**

The Visual Output Board (EV3000) Fast Fit Kit consists of:

- 1 x Visual Output Board
- 4 x 4K7 EOL (RES1096) LED STROBES
- 4 x 10K EOL (RES1010) XENON STROBES
- 1 x 26 Way Ribbon Cable 1280mm (260-0029)
- 4 x M3 x 6mm screws (HW1585)
- 4 x M3 Rivnut (HW2323)
- 4 x M3 x 8mm Spacer (HW2274)

**Description:**

The BRDEV3VOB3-A / BRDEV3VOB3-B or the 302-623B / 302-623C cater for field connections of Visual Warning Strobes. Each board will terminate four (4) zones of Visual Warning Strobes.

Each Zone Output on a BRDEV3VOB3-A / 302-623C board can cater for up to four pairs of LED strobes.

Each Zone Output on a BRDEV3VOB3-B / 302-623B board can cater for up to forty pairs of XENON strobes.

**NOTE:** XENON strobes and LED strobes can not be inter-changed. Use the appropriate board when configuring your system.

- BRDEV3VOB3-A = LED STROBES
- 302-623C = LED STROBES
- BRDEV3VOB3-B = XENON STROBES
- 302-623B = XENON STROBES

**Installation:**

Mount Board on appropriate standoffs and fit to rear backpan using existing mounting points if available.

Visual Warning Strobes must be capable of operating on 24V DC (nominal). See approved Visual Warning Strobes.

If no Visual Warning Strobes are fitted to an output, terminate with 10K EOL for XENON STROBES or 4K7 EOL for LED STOBES. Otherwise terminate the last Visual on a line with the correct EOL (see Figures 3 and 4 )

Each visual output from the EV3000 will operate a pair of indicators, i.e. an Alert (Amber) and Evac (Red) Strobe. Visual pairs are fitted in reverse polarity.

**Observe anti-static precautions at all times**

**Connections**

Field Connections	Use
TB1 - 1, 2	Output Pair Zone 1
TB2 - 1, 2	Output Pair Zone 2
TB3 - 1, 2	Output Pair Zone 3
TB4 - 1, 2	Output Pair Zone 4
Factory Connections	Use
TB5-1,2	+24V
TB5-1,2	0V
CN1	Control Cable to 302 4220 board.
CN2	Control Cable to next 302-623B/C board or BRDEV3VOB3-A/B

**Fuse Ratings:**

BRDEV3VOB3-A/B		
Fuse	Use	Rating
F1-4	+24V Output 1	3 amp M0205
302-623B/C		
F1-4	+24V Output 3	3 amp 3AG

**NOTE:** Circuit to Visual Strobes are polarised refer to Figures 3 and 4 for more detail.

**Approved Visual Warning Strobes:**

Item Number	Description
208-0011	24v Xenon Strobe Combined Red/Amber
208-0060	SONOS LED Strobe Red
208-0061	SONOS LED Strobe Amber
208-0062	SONOS LED Strobe Clear Lens
208-0063	SONOS LED Strobe Combined Red/Amber (Flush Mount)
208-0064	SONOS LED Strobe Deep Base IP65
208-0065	SONOS LED Strobe Combined Red/Amber IP65
208-0066	SONOS LED Strobe Combined Red/Amber (Surface Mount)

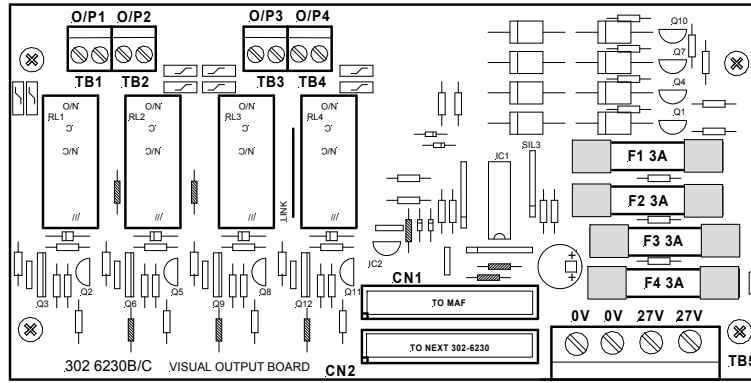


Figure 1: 302-623C Visual Output Board (LED STROBES) /  
302-623B Visual Output Board (XENON STROBES)

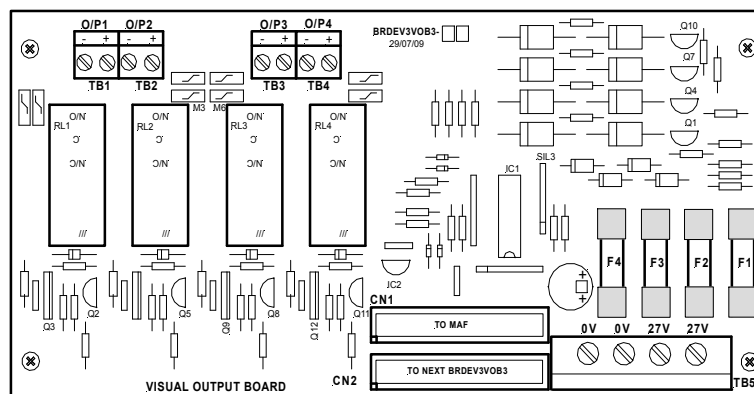


Figure 2: BRDEV3VOB3-A Visual Output Board (LED STROBES) /  
BRDEV3VOB3-B Visual Output Board (XENON STROBES)

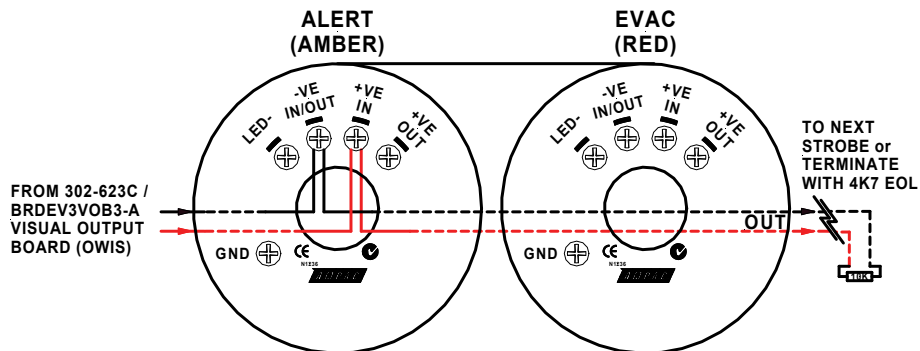


Figure 3: Visual Warning Strobe Connections (LED STROBES) 208-0063

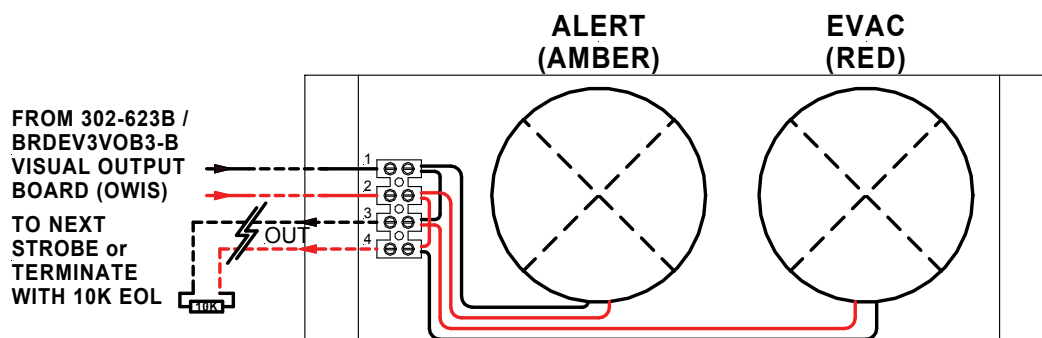


Figure 4: Visual Warning Strobe Connections (XENON STROBES) 208-0011