

ALPHA 4

MIMIC DISPLAY PANEL

INSTALLATION INSTRUCTIONS

Applications

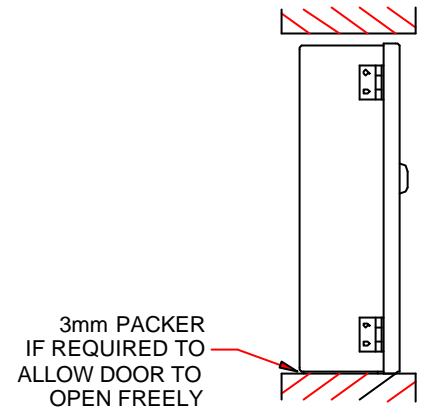
The FP0642 *ALPHA 4* Mimic Display Panel is designed to accompany the *ALPHA 4* Fire Alarm System to provide a remote mounted display of zonal fire alarm divisions by means of a back-lit mimic.

Installation

The *ALPHA 4* Mimic Display Panel is designed for window mounting with rear access. It will normally be mounted on a window sill or surround. Clearance for cabinet door opening should be allowed. The recommended window size is 250mm wide x 260mm high, (60mm minimum window sill depth).

The location of *ALPHA 4* Mimic Display Panel should be chosen to:

- avoid direct sunlight on the front panel; this can make the indicators hard to read.
- allow for adequate clearances and easy access.



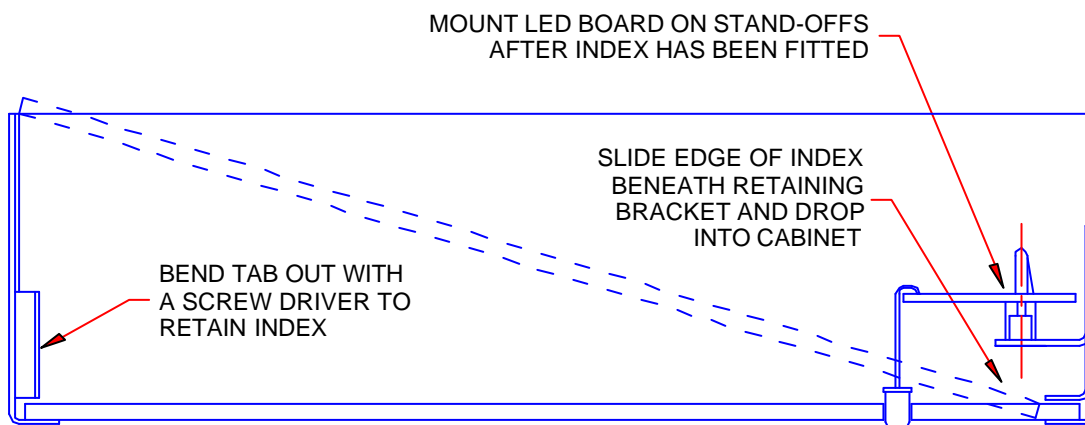
Index panel

The index panel is supplied drilled but unengraved. The installer must arrange for engraving of the mimic with a plan of the protected premises plus any other information required. Note that a 10mm border around the index will be obscured by the retaining flange and therefore should be free of engraving.

Index removal and refitting

To remove the index panel for engraving, first the LED board will need to be removed. This is achieved by unclipping the plastic stand-off clips and detaching the board. To remove the index panel simply flatten the index retaining clips located on the inside left wall of the cabinet and pry the index out with a screw driver.

To refit the engraved index panel, first check that the index is orientated correctly, slide the leading edge of the index beneath the retaining bracket and drop the index into place. The index retaining clips may need to be re-bent to retain the index. The board can now be refitted onto the plastic stand-offs. Ensure that the LEDs are correctly aligned with index holes.



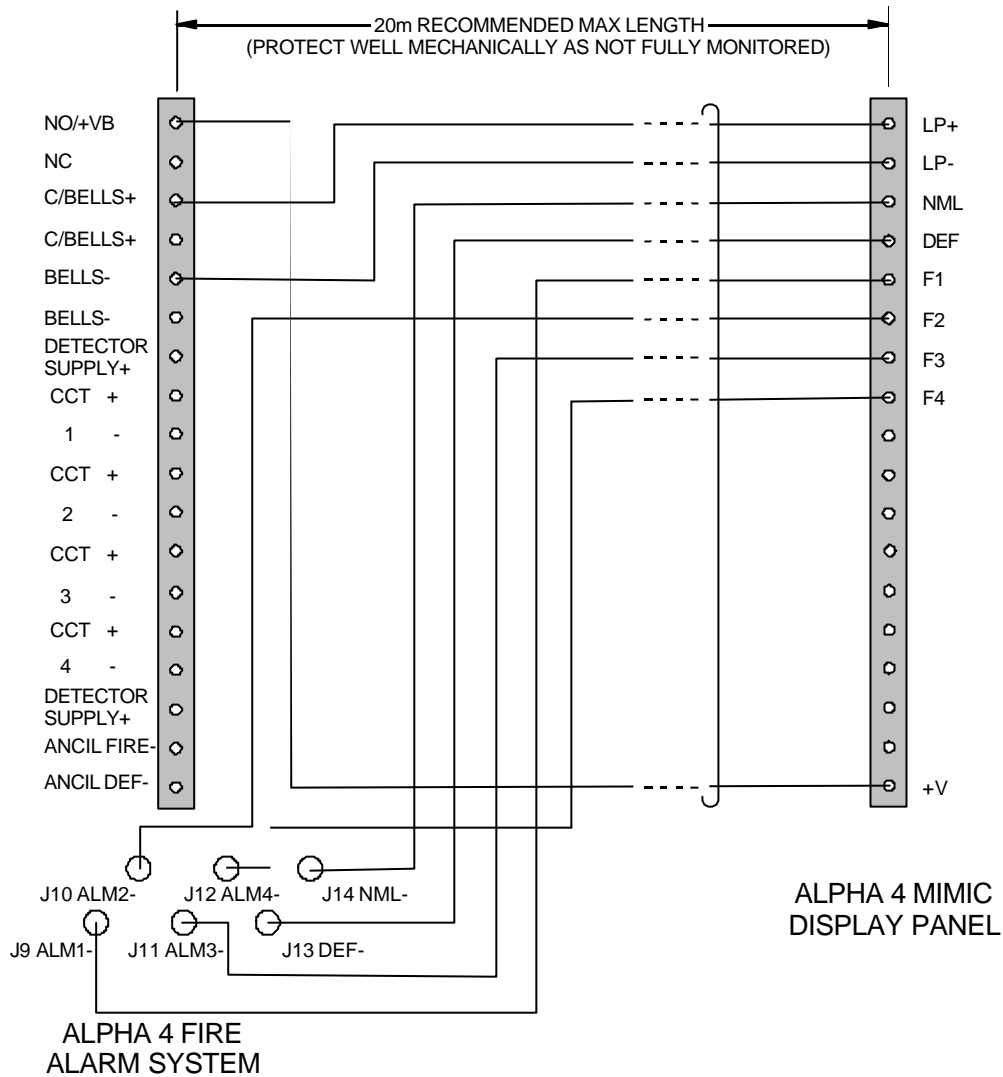
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Wiring

This diagram shows the general format for connecting the *ALPHA 4* Mimic Display Panel to an *ALPHA 4* Fire Alarm System. Recommended conductor size is 0.5mm² or greater (NZS4512 requires 1mm² minimum).



Commissioning

The following tests should be carried out to ensure that the *ALPHA 4 MIMIC DISPLAY PANEL* has been correctly installed:

1. LED TEST: Switch the *ALPHA 4* external and internal SILENCE ALARMS switches on. This should cause all the LEDs in the *ALPHA 4* Mimic Display Panel to turn on.
2. NORMAL LED: With the *ALPHA 4* in a normal state, the *ALPHA 4* Mimic Display Panel NORMAL LED should flash.
3. DEFECT LED: Switch the *ALPHA 4* external SILENCE ALARMS switch on. This should cause the *ALPHA 4* Mimic Display Panel NORMAL LED to stop flashing and the DEFECT LED to flash.
4. ALARM LEDS: Place each *ALPHA 4* circuit separately into alarm which should cause each *ALPHA 4* Mimic Display Panel ALARM LED to turn on.
5. EVACUATION: Actuate the *ALPHA 4* EVACUATION switch. This should cause the *ALPHA 4* Mimic Display Panel lamp to turn on (and the alerting devices to sound).

Accessories

- FA1378 *ALPHA 4* Mimic Display spare Index.
- PA0786 *ALPHA 4* Mimic Display LED Board Assembly.
- HW0036 Spare door key.
- LP0043 Festoon Lamp, 12V, 3W.