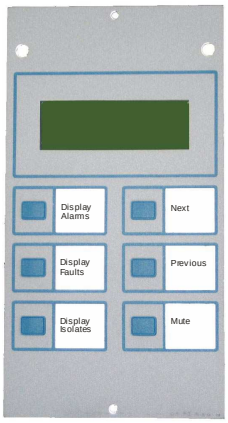
FireSense
FIRE ALARM EQUIPMENT

# DATA SHEET
# LCD-80
# Liquid Crystal Display




**Features:**

- 80 character liquid crystal display
- Can be remotely located up to 500 metres from the control panel
- Displays Alarms, Faults and Isolates
- Local sounder mute button
- Up to 32 LCD-80 units may be connected per system
- Automatically recognised by AFP-2800, no programming required
- Flush and surface mount options available.

**Description:**

The LCD-80 is an alphanumeric display module that acts in terminal mode as a remote display interface to the AFP-2800.

A local buzzer will sound for any alarm or fault (this buzzer can be disabled if required).

The display will automatically show the highest priority event in the FIP event queue. Priorities, in descending order are: alarms, faults and then isolates.

Totals of all Alarms, Faults and Isolates are also shown and are automatically updated every 10 seconds.

**Specifications:**

| | |
|---|---|
| **Supply Voltage:** | 10 to 28 VDC |
| **Standby Current:** | 100 mA |
| **Alarm Current:** | 100 mA |
| **Dimensions:** | 210mm H x 110mm W x 45mm D |

**Mounting Enclosures Available:**

| Order Code: | Description: |
|---|---|
| **2800-ABF-1D** | Recessed metal box – Perspex door, 003 key |
| **2800-ABS1** | Metal surface mount box |
| **2800-ABS-1T** | Metal surface mount box with trim |

The 2800-ABF-1D is a semi-flush-mount back box for the FireSense LCD-80 series annunciator. The ABF-1D mounts one LCD-80. The dimensions for the ABF-1D are as follows:

| | |
|---|---|
| **Box only:** | 250mm H x 118 mm W x 65 mm D |
| **With Door:** | 270mm H x 150 mm W x 85 mm D |

**Connection Information:**



Unit 6
16 Lexington Drive
Bella Vista NSW 2153
Australia

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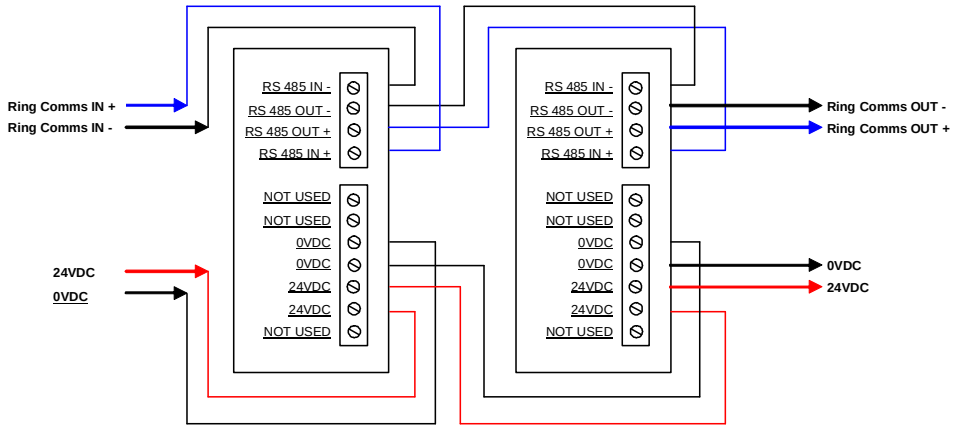
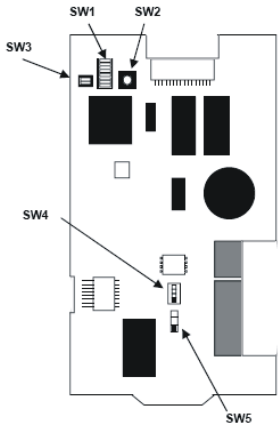



**Sounder:**

Dip Switch Settings for SW1:




| | ON | OFF |
|---|---|---|
| **SW1-1** | Sounder on Alarm | No Sounder on Alarm |
| **SW1-2** | Sounder on Fault | No Sounder on Fault |
| **SW1-3** | Sounder on Isolate | No Sounder on Isolate |
| **SW1-4** | Not Used | Not Used |
| **SW1-5** | Not Used | Not Used |
| **SW1-6** | Not Used | Not Used |
| **SW1-7** | Not Used | Not Used |
| **SW1-8** | Not Used | Not Used |

**Addressing:**

SW2 and SW3 set the address as per the table below (up to 32 LCD-80s can be used with each AFP-2800):

| SW3-1 | SW3-2 | SW2 | Actual Address |
|---|---|---|---|
| OFF | OFF | 1-9 | 201-209 |
| ON | OFF | 0-9 | 210-219 |
| OFF | ON | 0-9 | 220-229 |
| ON | ON | 0-2 | 230-232 |

Once connected to panel the LCD-80 will be automatically detected and added, no programming required.
Setting all switches to off will take the LCD-80 offline.

***Note:*** Switches SW4 and SW5 must always be set for ACS mode in the UP position.

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