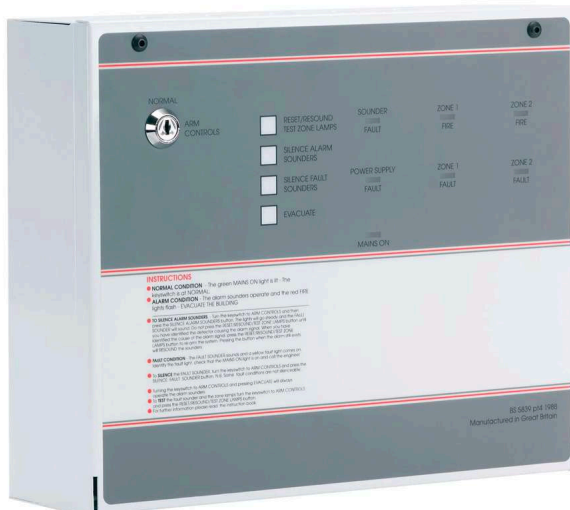


## FP 2 Zone Conventional Fire Alarm Panel

Part No. **FF382-2**



### Overview

- Installer-friendly design.
- Robust metal enclosure c/w lift off lid & heavy-duty base connections.
- Two conventional Zone circuits.
- Two conventional Sounder circuits.
- Separate indicators for open & short circuit fault, sounder fault and battery/power supply fault.
- Non-latching class change sounder output, latching fire & non-latching fault outputs (via optional expansion loom).
- Short circuit=fire facility (pre-1980 BS, no resistors in call points, selectable on a zone by zone basis).
- Ancillary connections for repeaters and other system add-ons including fault relay modules, fire relay modules, sounder delay relay modules, sounder extender kits, etc).
- Multi-lingual variants (subject to quantities).
- Space for 2 x 12V 2.3Ah VRLA batteries.
- Compatible with virtually all known conventional fire detectors including C-TEC's ActiV range.
- Designed to comply with BS 5839-4 (this panel is not compliant with EN54-2/4 and should NOT be used in new UK or European installations).

### Technical Specifications

|                                 |                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| Compatibility                   | Designed to comply with the requirements of BS5839-4 (for head-out monitoring use 1 x BF378M module per zone). |
| Mains supply                    | 230V 50/60Hz.                                                                                                  |
| Internal power supply           | 27V nominal.                                                                                                   |
| Total output current limited to | 800mA @ 230V.                                                                                                  |



|                                      |                                                                                                                                                     |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Quiescent current                    | 40mA (with no mains supply, fault beeper muted, no aux. output connections, EOL devices and resistors only fitted to detector and sounder loops).   |
| Max battery size and type            | 2 x 12V 2.3Ah VRLA connected in series.                                                                                                             |
| No. of detector zone circuits        | 2 (Max. length per circuit is 500m). Additional Zones cannot be added to this panel. For head out monitoring 1 x BF378M is required per Zone.       |
| Call point resistor value            | 470 to 680Ω.                                                                                                                                        |
| Max. devices per detector zone       | 20 detectors (max. detector current 2mA). No limit for manual call points.                                                                          |
| No. of conventional sounder circuits | 2 (Max. length per circuit is 500m).                                                                                                                |
| EOL resistor value                   | 6800Ω 5% Tol. 0/25W (blue, grey, red, gold).                                                                                                        |
| Max. sounder output current          | 800mA (to all outputs). Outputs are fused at 1A.                                                                                                    |
| Auxiliary relays                     | 1 x onboard relay (1A, 30 VDC, follows sounders). Additional relays available via optional expansion looms (FF374FR, FF374FDR & FF374DT).           |
| Open collector outputs               | Available via optional expansion loom FF374X.                                                                                                       |
| Auxiliary inputs                     | Available via optional expansion loom FF374X..                                                                                                      |
| Indicators                           | Mains on; Zone Fire; Zone Fault; Sounder Fault; Battery/Power Supply Fault; O/C fault; S/C fault; Zone isolated; Engineer Test selected.            |
| Controls                             | Reset; Resound; Test Zone Lamps; Evacuate; Silence Alarm Sounders; Silence Fault Sounders; Revert to S/C equals Fire; OMT, Zone Isolate. Keyswitch. |
| Product dimensions (mm)              | 322 W x 267 H x D 92mm.                                                                                                                             |
| Construction & finish                | Metal lid and base.                                                                                                                                 |
| IP Rating                            | IP30.                                                                                                                                               |
| Weight                               | 4.3kg.                                                                                                                                              |
| Operating conditions/temperature     | -5°C to +40°C. Max relative humidity: 95%.                                                                                                          |
| Notes                                | Repeater info: Up to 3 repeaters per main. 5 cores plus 1 per zone. Max. cable length 200m.                                                         |

