

# CFP Standard 2 Zone Conventional Fire Alarm Panel

Part No. **CFP702-4**



## Overview

LPCB certified to EN54-2/4, C-TEC's CFP 2 zone conventional fire alarm panel offers an array of user and installer-friendly features at a very competitive price.

Supplied in an attractive flush or surface mountable plastic enclosure, it includes two detector zones, four conventional sounder circuits, class change and alert inputs, on-board fire and fault relays and combined keypad/keys switch entry.

A wide range of engineering functions are also provided including selectable zone delays, coincidence and non-latching zone facilities. Comprehensive test and fault finding facilities are also provided.

Optional repeaters, relay expansion boards and EN54-13 system compliance devices are also available.

## More Information

Third-party certified to EN54 parts 2 and 4 by the Loss Prevention Certification Board (LPCB) with optional EN54 part 13. compliance from the BSI.

Intuitive user-friendly interface with colour-coded buttons and combined keypad/keys switch entry.

Manufactured by C-TEC in the UK.

Two detector zone circuits.

Four conventional sounder circuits\*

Integral 1.5A EN54-4/A2 compliant switch mode PSU.

Wide range of engineering functions including zone test, coincidence, zone delay and non-latching zones.

Two on-board relays (Fire and Fault).

Two open-collector outputs (Remote and Reset).

'Class change' and alert inputs.

Installer-friendly design.

Attractive flush or surface mountable plastic lid and enclosure - no bezel required.

Low 25mA quiescent current.

Multiple indicators.



System expansion connections provided for up to eight two-wire repeaters (one CFP761 network card required per system), optional CFP relay boards and optional EN54-13 compliant sounder circuit boards.

Space for two x 12V 3.3Ah VRLA batteries.

Fully compatible with C-TEC's ActiV range of conventional fire detectors.

## Technical Specifications

|                                      |                                                                                                                                                                                                                                     |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals/certifications             | Certified to EN54-2 & 4 by the LPCB.                                                                                                                                                                                                |
| Mains supply                         | 230V 50/60Hz.                                                                                                                                                                                                                       |
| Mains rated current                  | 350mA maximum.                                                                                                                                                                                                                      |
| Internal power supply                | 19V-28.5V (27V nominal). Ripple 7V maximum (battery fault).                                                                                                                                                                         |
| Total output current limited to      | 1.5A @ 230Vac (ImaxA eq 146mA).                                                                                                                                                                                                     |
| Quiescent current                    | 25mA (mains failed, internal sounder active, PSU & gen fault LED lit).                                                                                                                                                              |
| Alarm voltage                        | 27V max, 20V min (final battery voltage).                                                                                                                                                                                           |
| Max battery size and type            | 2 x 12V 3.2Ah VRLA connected in series. Min. battery size 1.2Ah.                                                                                                                                                                    |
| No. of detector zone circuits        | 2 (Max. length per circuit is 500m).                                                                                                                                                                                                |
| Call point resistor value            | 470 to 680.                                                                                                                                                                                                                         |
| Max. devices per detector zone       | 25 detectors (or 32 detectors/manual call points combined).                                                                                                                                                                         |
| No. of conventional sounder circuits | 4 (Max. length per circuit is 500m).                                                                                                                                                                                                |
| EOL resistor value                   | 6800 5% Tol. 0/25W (blue, grey, red, gold).                                                                                                                                                                                         |
| Max. sounder output current          | 4 x 200mA (800mA total).                                                                                                                                                                                                            |
| Auxiliary relays                     | Two: (1) Aux. Fire; (2) Fault. Volt free single pole changeover. Max. switch current 1A; Max. switch voltage 30Vdc.                                                                                                                 |
| Open collector outputs               | Two: (1) Reset (Active during reset cycle); (2) Remote (Active during any unsilenced fire condition provided all relevant delays have expired). Max. sink current 30mA, Max. open circuit voltage 27Vdc.                            |
| Other outputs                        | 24V Aux. Power (Protected by a resettable fuse. 100mA min. hold current. Resets when fault removed).                                                                                                                                |
| Auxiliary inputs                     | Two: (1) 'Class Change' (constant sounders); (2) Alert (pulsed sounders). Connect to 0V to trigger, Max. input voltage 27V (non-latching)                                                                                           |
| Engineer (AL3) functions             | Program coincidence (double knock); Invoke One Man Walk Test; Program delays; Set up zones for non-latching operation; Program sounders to resound (or not resound) when a new zone enters alarm; Enter fault diagnostic facilities |
| Expansion connections                | Yes - for optional network driver cards (one required per repeater system), relay output cards and EN54-13 sounder circuit interface boards.                                                                                        |
| Product dimensions (mm)              | 380 W x 235 H x D 96mm.                                                                                                                                                                                                             |
| Construction & finish                | Plastic lid and base; RAL7035 textured.                                                                                                                                                                                             |
| IP Rating                            | IP30.                                                                                                                                                                                                                               |
| Weight                               | 1.75kg (without batteries).                                                                                                                                                                                                         |
| Operating conditions/temperature     | -5°C to +40°C. Max relative humidity: 95%.                                                                                                                                                                                          |



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