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Illumino Ignis Ltd™
LIGHTING & FIRE DESIGN, SUPPLY & SUPPORT

CFP Standard 8 Zone Conventional Fire Alarm Panel

Conventional - Panel

Part No. CFP708-4

www.illuminoignis.co.uk

Product Details

Certified to EN54 parts 2, 4 and 13, C-TEC's CFP 8 zone conventional fire alarm panel offers an array of user and installerfriendly features at a very competitive price. Supplied in an attractive flush or surface mountable plastic enclosure, it includes eight detector zones, four conventional sounder circuits, class change and alert inputs, on-board fire and fault relays and combined keypad/keyswitch 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 and relay expansion boards also available.



Key Features

- Third-party certified to EN54 parts 2 and 4 by the Loss Prevention Certification Board (LPCB) and EN54 part 13 certified by Kiwa Telefication.
- Intuitive user-friendly interface with colour-coded buttons and combined keypad/keyswitch entry.
- Manufactured by C-TEC in the UK.
- Eight 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 fire detectors, sounders and visual alarm devices.

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Technical Specifications

Approvals/certifications	Certified to EN54-2 & 4 by the LPCB, Certified to EN54-13 by Kiwa Telefication
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)
Max battery size and type	2 x 12V 3.2Ah VRLA connected in series. Min. battery size 1.2Ah
No. of detector zone circuits	8 (Max. length per circuit is 500m).
Call point resistor value	470 to 680Ω.
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	6800Ω 5% Tol. 0/25W (blue, grey, red, gold).
Alarm voltage	27V max, 20V min (final battery voltage)
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 volt
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 nonlatching operation; Program sounders to resound (or not resound)
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 (hole required for flush mounting = 367 W x 220 H x 75 D mm. No bezel required).
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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