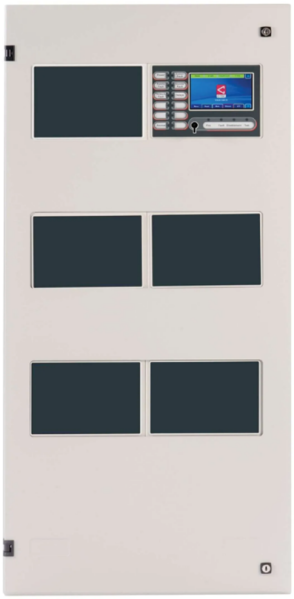
ZFP Touchscreen Controlled Addressable Fire Panel (Large Cabinet)

Part No. ZFP2L/X and derivatives



Overview

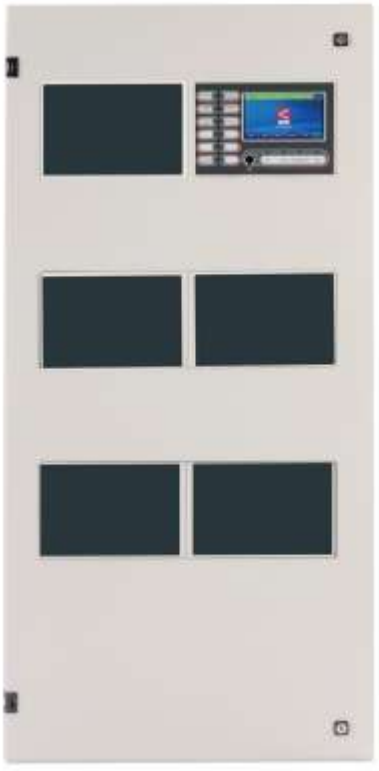
- A feature-rich touchscreen-controlled addressable fire panel available with 2, 4, 6 or 8 Apollo XP95/Discovery compatible loop drivers (see Key Features section for a full list of ZFP features).
- Multiple off-the-shelf variants or build your own panel using our ZFP selection charts.
- Rapid loop learn, flexible cause & effects and powerful system diagnostics.
- Hi-integrity fault-tolerant RS485 networking option allows up to 64 network nodes (any mix of panels and compact controllers).
- Optional 'A-Bus' expansion PCBs, paging and graphic interface facilities.
- Intuitive PC programming tools.
- Standard and Medium sized ZFPs also available with 1, 2, 4, 6 or 8 loops (1 loop variants in standard cabinet only).

More Information

ZFP Fire Panel

Blank Module

C-TEC, Challenge Way, Martland Park, Wigan, WN5 0LD, UK
Telephone: **01942 322744**
Email: **sales@c-tec.co.uk**
c-tec.com
You're Safe with C-TEC



- Touchscreen control module (Z41)
- 5 x Blank modules (ZBLANK)
- 5A EN54-4 PSU (BF362-3/E)

Loop variants

ZFP2L/X

2 Loop

ZFP4L/X

4 Loop

ZFP6L/X

6 Loop

ZFP8L/X

8 Loop

Can't find what you're looking for? Need a panel with more Zonal LEDs, additional relays or extra sounder circuits? Why not build your own ZFP using our ZFP Large Panel Selection Chart? Simply select the Switch & Indicator Module(s) and A-BUS PCB(s) you need and we'll do the rest - building, testing and shipping the panel to you in no time at all.

Technical Specifications

Approvals/certifications	Certified to EN54-2 & 4 by Intertek
Protocol/compatibility	Apollo XP95/Discovery.
Mains supply	230V 50/60Hz.
Mains rated current	1.35A maximum.

Internal power supply	27Vdc nominal.
Total output current limited to	5A @ 230Vac (Imax.A 4A; Imin. 12mA).
Battery charge capacity	7Ah min to 38Ah max.
Quiescent current	Varies depending on the panel's configuration – refer to our ZFP loop/battery calculation tool for details.
Max battery size and type	2 x 12V 38Ah VRLA connected in series.
No. of loop drivers	2, 4, 6 or 8 (dependent on model purchased).
Max. loop output current	500mA (25V min; 34V max).
Max. loop length	1KM.
Max. addressable devices per loop	126.
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	2 x 1A.
Auxiliary relays	2 x Programmable Relays (programmable from C&Es). 1 x Fault Relay (active when no faults are present). Volt free single pole changeover. Max. switch current 1A; Max. switch voltage 30Vdc.
Other outputs	24V Aux. Power (19.5V min, 28V max). Protected by a resettable fuse. Max. current 100mA.
Auxiliary inputs	2 x Programmable Inputs (programmable from C&Es). Connect to 0V to trigger, Max. input voltage 27V (non-latching).
PC connection	Via a galvanically isolated USB socket on the Z41 control module.
Pager/DECT connection	RS232. Requires a minimum of a BF874QAQ transmitter and a BF877QAQ display pager.
Graphics interface/diagnostics connection	RS485. Drax compatible.
Network connection	RS485 hi-integrity multi-path fault tolerant network connection via optional ZHN network card. Max 64 network nodes (mix of main panels & compact controllers).
Indicators	Full-colour 480 x 272 pixel touchscreen, all relevant EN54 indicators plus 5 programmable indicators. Additional indicators dependent on Switch & Indicator module fitted.
Controls	Interactive touchscreen with menu sensitive buttons; 1 x keyswitch allowing direct access to Access Level 2. Additional controls dependent on Switch & Indicator module fitted.
Connections	Fixed, largest acceptable conductor size 1mm2.
Expansion connections	RS485 peripheral bus connection allows the connection of up to 15 'A-Bus' PCBs (2 control cores plus screen plus 2 cores for power).
Product dimensions (mm)	450 W x 462 H x 127 D mm (hole required for semi-flush mounting = 456 W x 468 H x 122 D mm. Requires ZBEZS bezel).
Construction & finish	Light grey textured mild steel, 1.2mm Zintec. RAL7035 epoxy paint.
IP Rating	IP30.
Weight	TBC.
Operating conditions/temperature	-5ºC to +40ºC. Max relative humidity: 95%.
1 Loop Variants	N/A.
2 Loop Variants	ZFP2L/X (Blank Module).
4 Loop Variants	ZFP4L/X (Blank Module).
6 Loop Variants	ZFP6L/X (Blank Module).
8 Loop Variants	ZFP8L/X (Blank Module).

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