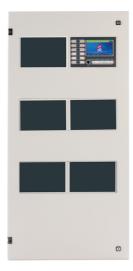


# ZFP Touchscreen Controlled Addressable Fire Panel (Large Cabinet)

### 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 128 network nodes (64 main panels and 64 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 PanelBlank Module

Touchscreen control module (Z41)

5 x Blank modules (ZBLANK)

5A EN54-4 PSU (BF362-3/E)

Loop variantsZFP2L/X2 LoopZFP4L/X4 LoopZFP6L/X6 LoopZFP8L/X8 LoopCan'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**

Certified to EN54-2/4 by the LPCB (0832-CPD-0758). Approvals/certifications

Apollo XP95/Discovery. Protocol/compatibility

Mains supply 230V 50/60Hz. 1.35A maximum. Mains rated current



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27Vdc nominal. Internal power supply

Total output current limited to 5A @ 230Vac (Imax.A 4A; Imin. 12mA).

Quiescent current Varies depending on the panel's configuration - refer to our ZFP loop/battery calculation tool for

7Ah min to 38Ah max. Battery charge capacity

2 x 12V 38Ah VRLA connected in series Max battery size and type

2, 4, 6 or 8 (dependent on model purchased). No. of loop drivers

500mA (25V min: 34V max). Max. loop output current

1KM Max. loop length Max. addressable devices per loop 126.

No. of conventional sounder circuits 2 (Max. length per circuit is 500m).

EOL resistor value 68000hm 5% Tol. 0/25W (blue, grey, red, gold).

2 x 1A. Max. sounder output current

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.

24V Aux. Power (19.5V min, 28V max). Protected by a resettable fuse. Max. current 100mA. Other outputs

2 x Programmable Inputs (programmable from C&Es). Connect to OV to trigger, Max. input voltage Auxiliary inputs

27V (non-latching).

Via a galvanically isolated USB socket on the Z41 control module. PC connection

Pager/DECT connection RS232. ESPA compatible. Graphics interface/diagnostics connection RS485. Drax compatible.

Network connection RS485 hi-integrity multi-path fault tolerant network connection via optional ZHN network card. Max

128 network nodes (up to 64 main panels & 64 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

Interactive touchscreen with menu sensitive buttons; 1 x keyswitch allowing direct access to Access Controls

Level 2. Additional controls dependent on Switch & Indicator module fitted.

Connections Fixed, largest acceptable conductor size 1mm2.

RS485 peripheral bus connection allows the connection of up to 15 'A-Bus' PCBs (2 control cores plus Expansion connections

screen plus 2 cores for power).

450 W x 462 H x 127 D. Product dimensions (mm)

Construction & finish Light grey textured mild steel, 1.2mm Zintec. RAL7035 epoxy paint.

IP30. IP Rating Weight TBC

-5°C to +40°C. Max relative humidity: 95%. Operating conditions/temperature

1 Loop Variants N/A

2 Loop Variants Z0250000L/X (Blank Module); Z025020NL/X (20 Zonal LEDs); Z025040NL/X (40 Zonal LEDs);

Z025020PL/X (20 Zonal LEDs, Printer, 2 Keyswitches).

4 Loop Variants Z0450000L/X (Blank Module); Z045020NL/X (20 Zonal LEDs); Z045040NL/X (40 Zonal LEDs);

Z045020PL/X (20 Zonal LEDs, Printer, 2 Keyswitches).

Z0650000L/X (Blank Module); Z065020NL/X (20 Zonal LEDs); Z065040NL (40 Zonal LEDs); 6 Loop Variants

Z065020PL/X (20 Zonal LEDs, Printer, 2 Keyswitches).

8 Loop Variants Z0850000L/X (Blank Module); Z085020NL/X (20 Zonal LEDs); Z085040NL/X (40 Zonal LEDs);

Z085020PL/X (20 Zonal LEDs, Printer, 2 Keyswitches).



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