

ZFP Touchscreen Controlled Addressable Fire Panel (Standard Cabinet)

Part No. **ZFP1/X and derivatives**



Overview

A feature-rich touchscreen-controlled addressable fire panel available with 1, 2 or 4 Apollo XP95/Discovery compatible loop drivers (see Key Features section for a full list of ZFP features).

Third-party certified to EN54 parts 2 & 4.

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.

Medium and large sized ZFPs also available with 2, 4, 6 or 8 loops.

More Information

ZFP Fire PanelBlank Module

Touchscreen control module (Z41)

Blank module (ZBLANK)

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

Loop variantsZFP1/X1 LoopZFP2/X2 LoopZFP4/X4 LoopZFP Fire Panel20 Zonal LEDs

Touchscreen control module (Z41)

20 Programmable zonal indicators with name slots (Z44)

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

Loop variantsZFP1/20/X1 LoopZFP2/20/X2 LoopZFP4/20/X4 LoopZFP Fire Panel40 Zonal LEDs

Touchscreen control module (Z41)

40 Programmable zonal indicators with name slots (Z47)

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

Loop variants ZFP1/40/X1 Loop ZFP2/40/X2 Loop ZFP4/40/X4 Loop ZFP Fire Panel 20 Zonal LEDs, Printer, 2 Keyswitches

Touchscreen control module (Z41)

20 Programmable zonal indicators with name slots, thermal printer & 2 programmable keyswitches (Z46)

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

Loop variants ZFP1/20P/X1 Loop ZFP2/20P/X2 Loop ZFP4/20P/X4 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 Standard 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 the LPCB (0832-CPD-0758).
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. 4A; Imin. 12mA).
Quiescent current	Varies depending on the panel's configuration - refer to our ZFP loop/battery calculation tool for details.
Battery charge capacity	7Ah min to 18Ah max.
Max battery size and type	2 x 12V 18Ah VRLA connected in series.
No. of loop drivers	1, 2 or 4 (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	6800? 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. 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.
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 1mm ² .
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.

Construction & finish	Light grey textured mild steel, 1.2mm Zintec. RAL7035 epoxy paint.
IP Rating	IP30.
Weight	TBC.
Operating conditions/temperature	-5°C to +40°C. Max relative humidity: 95%.
1 Loop Variants	ZFP1/X (Blank Module); ZFP1/20/X (20 Zonal LEDs); ZFP1/40/X (40 Zonal LEDs); ZFP1/20P/X (20 Zonal LEDs, Printer, 2 Keyswitches); ZFP1/40P/X (40 Zonal LEDs, Printer, 2 Keyswitches)
2 Loop Variants	ZFP2/X (Blank Module); ZFP2/20/X (20 Zonal LEDs); ZFP2/40/X (40 Zonal LEDs); ZFP2/20P/X (20 Zonal LEDs, Printer, 2 Keyswitches); ZFP2/40P/X (40 Zonal LEDs, Printer, 2 Keyswitches)
4 Loop Variants	ZFP4/X (Blank Module); ZFP4/20/X (20 Zonal LEDs); ZFP4/40/X (40 Zonal LEDs); ZFP4/20P/X (20 Zonal LEDs, Printer, 2 Keyswitches); ZFP4/40P/X (40 Zonal LEDs, Printer, 2 Keyswitches)
6 Loop Variants	N/A.
8 Loop Variants	N/A.