ZFP 2-8 LOOP NETWORKABLE ANALOGUE ADDRESSABLE FIRE P   ANELS

Context
Plus

Intr oducing the new ZFP Range of 2-8 loop networkable analogue addr essable fir e alarm panels fr om Context Plus.

Due for release in Quarter 3, 2011, all ZFP variants will offer full-colour touchscr een contr ol and a host of industry-leading engineer and user featur es (see right)

▶ ZFP 2 TO 4 LOOP PANEL

Preliminary Features

▶ Communication protocol - A pollo XP95/Discovery.

▶ 2 or 4 loops in standard size box, 6 or 8 Loops in larger enclosure.

▶ 3A or 5A full EN54-4 PSU and battery charger included.

▶ On board mini-USB connection to connect a PC running programming softw are.

▶ Dual RS 232 style connections - o ne dedicated to a 40 column thermal printer, one for direct a ncillary connection, e.g. to ESPA protocol alphanumeric pager transmitter/DECT.

▶ Colour touch screen operation

▶ Separate discrete LEDs for mandatory EN54 indications plus programmable LEDs

▶ Real time clock w ith built in and automatic daylight saving time/backup PSU.

▶ Standard upload download softw are includes facility to upload company logos - even from a simple .jpg file from a camera.

▶ Loopless panel repeaters.

▶ Secure fault tolerant netw ork as standard (needs separate netw ork driver card).

▶ Full QWERTY keyboard included.

▶ Four programmable 1A sounder circuits

▶ Directly connects to DIN standard fireman's Interface (IFAM-FAT/FBF). Interface for K eybox units and ATU.

▶ Up to 200 separate LEDs per panel programmable a s Fire LEDs or other.

▶ Up to 64 eight loop peer to peer panel netw ork capacity.

▶ Up to 10,000 programmable and indicatable system zones

▶ Greater than 100,000 addressable device system capacity.

▶ 20,000 event memory of all fire and fault and system events - all filterable

▶ Selectable Language

▶ 'Slide In' label system on custom moulded bezels, for customizable language labels/custom description of zones and programmable LED's. Common w ord processor templates a vailable w ith softw are.

▶ Isolated internal/external RS 485 peripheral bus for connection of ancillary peripheral cards (32 cards in total per panel).

▶ Up to 16 GB (2 GB as standard) internal SD card memory (removable micro SD card). SD card can be programmed off site if required.

▶ Dedicated port for Ethernet connection (requires plug on TCP/IP card) to allow for Internet control and monitoring.

▶ On board printer option.

▶ Mini Repeaters, flush mounting w ith bezel.

▶ Modular Construction.

▶ Up to 18 A Hr batteries in standard enclosure.

Panel appearance and all of the above preliminary features are subject to confirmation and/or change without prior notice. Please contact our sales desk for an up to date list of panel features, part numbers and release dates.

Processor Technology	Dual processor flash based
Power Supply	230v 50-60Hz 3A or 5A EN54-4 inc temperature compensated charger. 1 x 24V 0.5A Aux PSU output.
Memory	512 Mb on board flash –firmware 16 Mb DRAM 2 Gb removable on board micro SD card (16Gb max)
Display	4.3 inch full colour resistive touchscreen
Extra Indication-Main Display Card.	16 Programmable main panel mounted LED's (1 green, 3 Red and 13 Yellow). These are the EN54 Mandatory LED's + a minimum of 6 user definable & programmable.
Controls	Multiple controls via virtual touch screen buttons. User definable & programmable options. Multiple panel mounted keyswitch/ordinary switch's panel mounted and programmable (needs extra serial I/O card)
On Board I/O	4 x Programmable 1A sounder circuits – Monitored 3 x Programmable relays volt free outputs. 2 x Programmable on board monitored inputs. 1 x Earth fault monitor.
Panel Capacity	2 or 4 loops in standard size enclosure 6 or 8 loops in larger enclosure.
Communication Busses	2-8 Proprietary protocol loop drivers. Available as 2-loop cards. 1 x RS232 dedicated to onboard printer (optional) 1 x RS232 for connection of e.g. Alphanumeric Paging Transmitter (including ESPA) or DECT Phones. 1 x Serial I/O bus (for panel mounted auxiliary LED's switches etc) 1 x RS 485 A-Bus. Peripheral bus to peripheral cards (e.g. relay drivers, I/O cards, Aux Sounder cards, Conventional zone cards, mimic drivers etc) 32 max per panel. 1 x RS485 Fault tolerant network driver output (needs isolated fault tolerant network card) 1 x RS 485 (needs TCP/IP plug on card for connection to LAN and Internet) 1 x RS 485 Fireman's interface connection. (needs proprietary driver card e.g. IFAM)
Serial Ancillary Cards (extra) To insert into plastic lid modules Two modules per panel window	20-Way Programmable LED Indication, c/w individual zonal labels. 40-Way Programmable LED Indication, c/w individual zonal labels. 50-Way Programmable LED Indication numbered. 100-Way Programmable LED Indication numbered. 40-Column printer interface (includes 2 x programmable LEDs and Keyswitch slots* 5-Way programmable switch interface + 5 programmable LEDs* * Keyswitches extra
Peripheral Cards (extra) Internal panel mounted RS 485 or separate externally mounted in separate enclosure.	All peripheral cards have fault inputs for aux PSU fault inputs etc. 16 x Way programmable I/O card 8 x Way programmable relay card 4 x Way Programmable sounder Card 4 x Way Programmable zone monitor c/w 2 x sounder circuits. 1 x bi-directional opto-isolator (required when peripheral wiring is external to enclosure)
Enclosures (H x W x D mm)	Standard (2-4 loop): 462 x 450 x 129 (1 x Panel Window 7-18AHr Batteries) Largest (6-8 loop): 940 x 450 x 207 (3 x Panel Windows 12-38AHr Batteries)
Standard Compliance	EN54-2/4