

PROFILE Flexible Pro32xD Fire Alarm Panel

The PROFILE Flexible range of fire alarm control panels provide a great deal of flexibility in terms of hardware configuration, scalability and feature set. They are easy to operate, easy to install, easy to service and provide the system designer with a wide range of practical engineering solutions.

The system can be tailored to specific needs and is expandable when requirements change. Remote connectivity and backwards compatibility make it a future proof investment with long term support and reduced life time cost.

PROFILE Flexible is a highly featured digital addressable fire alarm system with an advanced TFT colour touch-screen user interface that is ergonomically engineered specifically for fire alarm control. Operation of the touch screen is possible with or without gloves and provides easy-to-use, intuitive user controls including keyless log-on using RFID cards.

The Pro32xD is expandable from 4 to 32 loops and can support 4000 addresses in total which makes it ideal for larger and more complex facilities. Ample loop power is available to meet the increasing demand for visual alarms in addition to traditional audible alarms.

Practicalities such as the layout of a building or the number of alarm devices will often dictate the useable size of a detection loop and can result in unused capacity. In order to optimise loop capacity, PROFILE Flexible offers a system design solution. Addressable loops can be connected as shared power (SP) loops or combined as high power (HP) loops. The system designer can allocate all available power and 250 addresses to a single HP loop, or share resources across two SP loops. This level of optimisation can significantly reduce total installed system cost.

ZETTLER PROFILE's robust loop protocol can operate in the harshest of environments. Essential for system upgrades, existing cables can be reused, significantly reducing the cost of replacing a system.

Optional zonal displays and additional approved back-up power supplies are easily added to accommodate the widest range of customer, regulatory and engineering needs. For networked systems, not all panels would require a graphical user interface. A Black-Box version, the Pro32xBB without a GUI provides an economical solution.

Ease and speed of installation has been engineered into the electrical and mechanical design of PROFILE Flexible to reduce the installation, service and consequently the total lifetime cost of ownership. Each enclosure employs an easy-mount frame to enable one person installation.

The lower compartment has a built-in power supply that provides 5.0A of usable power and can accommodate 38 Ah batteries. An optional power housing, matching the design of the panel enclosure can accommodate additional 38 Ah batteries 5.0 A power supply. A second optional expansion housing can accommodate zonal displays and ancillary modules.

Any combination of up to 99 PROFILE panels can be networked together using copper or fibre-optic medium to provide seamless integration across the most complex facility.



FEATURES

- // 8.4" TFT colour touch screen multilingual user interface - architecturally attractive and fully programmable
- // Ergonomic icon display - Simple to operate user interface eliminates operator errors
- // Touch sensitive status LED's provide event summary information - instant access to detailed event information
- // Context sensitive help and on screen operator instructions - reduces the need for user training and provides support for infrequent users
- // User configurable on screen site maps - no need for additional site plans
- // Programmable graphic quiescent display - opportunity for customer branding
- // Comprehensive point management and disable functions - gives the user full control and reduces service and maintenance effort
- // Selectively view or print from the extensive 10,000 event log using dynamic filters - effective event diagnostics to quickly resolve site investigations
- // Keyless log-on using RFID tags - identifies and logs user actions
- // Black-Box versions with a minimum display provide economical network solutions
- // Optional, programmable 40 or 80 way zonal led display – adaptable for different markets requirements
- // Selective loop configurations and loop power options – allows economical and flexible system designs
- // Optional cloud based communications using GPRS and TCP/IP – global secure management of the system
- // Easy-mount frame permits one person installation
- // Slot card arrangement for expansion for easier installation and service

PRO32XD

This PROFILE Flexible panel houses the field interface electronics that support four shared power or two high power loops and provides the central processing and battery charging functions. A six way slot-card cage provides the flexibility to increase the panel's capability using a number of available expansion cards including PLX800 loop expansion cards, each providing 4 SP loops or 2 HP loops. The door houses the TFT Touchscreen graphical user interface and has space for an additional annunciator display.

The Pro32xD is supplied complete with a power supply housing PBB801 with space for 38AH batteries and the option to add further power units.

PXD

The capability of the Pro32xD can be greatly expanded with the addition of the PxD. The PxD is supplied with one PSC800 backplane to accommodate up to six slot-cards. A second optional PSC800 can be fitted to provide 12 slot-card positions in addition to the six slot-card positions in the Pro32xD panel.

PROFILE loop expansion cards to a maximum of 32 loops and 4000 addresses are supported by the Pro32xD / PxD combination. Additional slot-card battery chargers with the ability to support a total of four PBB801 battery power units provide ample power for large and complex installations. Two annunciator displays can be accommodated on the door of the PxD.

PXB800 AND PBB801

The PXB800 is designed to house ancillaries whilst the PBB801 contains a robust 5.0A dedicated power supply unit and has space for 38AH batteries. The Pro32xD comes complete with a PBB801 and can support a second unit. A power box is not supplied with the PxD as either PXB800 or PBB801 can be fitted depending on the demands of the system design. A total of four PBB801 can be supported by the Pro32xD / PxD combination to increase standby time or where large numbers of initiating devices are used.



Pro32xD



PBB801



Modular panel consisting of 1 x Pro32xD, 1 x PxD, 1 additional PSC800 and 3 additional x PBB801

ORDERING INFORMATION

Product Code	Model	Description
557.200.848	Pro32xD	PROFILE Flexible modular housing panel
557.200.849	PxD	Extension panel for Pro32xD
557.200.851	Pro32xBB	PROFILE Flexible modular housing panel, black-box version
557.202.842	PLX800	Loop Expansion Slot Card 4 SP or 2 HP loops
557.202.844	PNI800	PROFILE Network Interface slot card
557.202.081	FOM800	Fibre optic module for use with PNI800
557.202.848	PCH800	PROFILE PSU interface and battery charger slot card
557.202.850	PSC800	PROFILE Backplane Assembly with 6 slots
557.202.853	PXB800	PROFILE Ancillary Expansion Box plain door and mounting frame
557.202.854	PBB801	PROFILE Battery Box with 5A PSU plain door and mounting frame
557.202.857	PZ4x	40 way PROFILE Zonal Display Annunciator Module for Front Door
557.202.858	PZ8x	80 way PROFILE Zonal Display Annunciator Module for Front Door
557.202.859	POS800-S	PROFILE Fiber Optic Switch single mode
557.202.862	POS800-M	PROFILE Fiber Optic Switch multi mode
557.202.860	PCS800	PROFILE Ethernet Switch
557.202.863	PX-AN	PROFILE Expansion box with ANXX door aperture
557.202.864	PX-PR	PROFILE Expansion housing with printer

TECHNICAL SPECIFICATION

GENERAL

Number of loops	4 to 32 with PxD
Addresses per loop	Configurable up to 250
Total number of addresses	4000

No of zonal LEDs (Optional)

Pro32xD:	40 or 80
PxD:	2 x 40 or 2 x 80
PBB801:	40 or 80 Requires 1 x PX-PZ

No of zones supported	240
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No of expansion card slots

Pro32xd.....	6
PxD:	6+6 Optional

Dimensions HxWxD mm

Pro32xD	733x438x263
PxD	480x438x263
PB800 / PBB801.....	237x438x263

Weight - excluding batteries

Pro32xD	21kg
PxD	13kg
PBB801.....	7.5kg

COLOUR

Housing RAL	RAL 7053
Control Facia	Pantone Grey 431C

ENVIRONMENTAL

Operating Temperature	-5°C to +40°C
Storage Temperature	-20°C to +70°C
Relative Humidity, continuous, non-condensing	95% RH
EMC/RFI	EN50130-4 EN61000-6-3

ELECTRICAL

Supply Voltage	230VAC 50/60Hz
Input Current	6.4A Max.

ZETTLER is a leading brand of fire detection, security and care communications products in the European market. The ZETTLER fire detection product line includes a wide range of MZX TECHNOLOGY EN54 CPD approved fire detection products carrying approvals and cross-listings, including Vds and NIF for all European countries. The ZETTLER care communications product line is a technology leader providing the latest IP based Nursecall, Emergency Call, Communications and Management solutions for care homes, hospitals, prisons and related markets. The ZETTLER product lines are available through ZETTLER dealers as well as many ADT and Tyco offices around the world. For more information visit www.zettlerfire.com.