

IP Fire Series™ Pre-Configured Intelligent Fire Controls IPF, IPF-XL

Description

The IP Fire Series™ from AsBuilt™ Engineered Systems is a revolutionary IP-based fire control network consisting of a series of addressable control modules that can be distributed throughout any type of facility.

Pre-configured systems consist of pre-packaged IP-based modules in a single fire alarm enclosure. These systems are ideal for retrofit to existing buildings when field wiring has previously been terminated at a central location or for installations where the governing Authority Having Jurisdiction requires it.

The IPF-xy (where xy represents the number of analog loops and NAC circuits) consists of a configuration / display module (VPM), an analog loop SLC/NAC circuit module (ALM-xy), 8 amps of power, battery charging unit and room to accommodate two common control cards.

The IPF-XL includes all of the modules above plus space and mounting locations for up to 3 additional modules that may be any mix of ALM or router (RTR) modules. The IPF-XL also provides room for up to 12A of available system power along with room for 8A of battery charging capability.

Both systems provide common control relay outputs (CCR), a Masterbox/line reversal card (MBLR) and room for a USB extension board (UXB). The UXB extends the two on board USB 2.0 Type A connectors (available as standard on all VPM and SDM display modules) to the front of the system enclosure. The UXB on the IPF-XL is located behind a locked Lexan door and, on the IPF-xy is key-enabled (UXB-KS) along with all display functions/buttons.

Pre-configured systems provide for a centrally located system and are ideal for retrofit work, small to medium buildings or as a starting point in a wider distributed IP fire network. IPF pre-configured systems may be networked with other IP Fire Series™ system modules up to the system maximum of 50. All IP Fire Series™ features are available including a ¼ VGA graphical display, 3000 event history log per module, group or zone programming, coded signaling, day/night sensitivity settings, drift compensation and much more.

The ALM provided with the pre-configured systems provides the analog circuitry for AsBuilt's XP and Discovery detector lines offering a broad range of cost effective and intelligent detection solutions

Please see DS1010 (VPM/SDM Configuration/Display Modules) and DS1020 (Analog SLC and NAC Circuits) for specific module information

Also see DS1045 (Distributed System Cabinet Options) for information on remote cabinets to house additional system modules.




Features

- Pre-configured systems are ideal for retrofit work when wiring is already terminated at a central location
- May be used as a starting point in a broader distributed IP Fire™ network
- Distributed modules may be added to the system from any point in the protected facility
- IP protocol provides error free module addressing
- Ethernet connection provides fast, secure communication
- On board USB ports for upload/download to USB Mass Storage Device
- Supports Intelligent XP and Discovery detectors
- 3000 event history per module
- Programmable soft keys
- ¼ VGA Graphical Display
- Program by Groups/Zones
- Coded Signaling
- 3A NAC circuits
- IPF-XL up to 12A of power
- Day/night mode
- Drift Compensation
- Green/RoHS Compliant

Listings

UL File: S24573
CFSM: Pending
MEA: Pending

Product	Data Sheet Number	Rev/Revision Date	
IPF Series™ Pre-Configured Controls	1050	1.4/ 10/1/2009	

IPF-xy, IPF-XL Pre-Configured Cabinet Options

Product Name	Backbox Dimensions	SDM/ VPM	Module Slot ¹	PS-24	APS-4/ PSM	General Contact Slots ²	QWERTY (Keyboard)
IPF-xy ³	14Wx23Hx4.5D	1	1	1	1	2	-
IPF-xy-K ³	14Wx23Hx4.5D	1	1	1	1	2	1
IPF-xy-ND ³	14Wx23Hx4.5D	-	1	1	1	-	-
IPF-XL-xy ³	22Wx30Hx5.5D	1	4	2	2	2	-
IPF-XL-xy-K ³	22Wx30Hx5.5D	1	4	2	2	2	1
IPF-XL-xy-ND ³	22Wx30Hx5.5D	-	4	2	2	-	-

¹ May contain ALM-12, ALM-10, ALM-02, RTR-1 or RTR-2 (in applicable configurations) modules.

² General Contact Slots may hold any combination of Common Control Relay (CCR) boards and/or Line Reversal/Masterbox (MBLR)


³ The xy represents the base configuration as included for the panel corresponding to the available ALM configurations, whereas x represents the number of detector Signaling Line Circuits (SLC's), and y represents the number of Notification Appliance Circuits (NAC's)

Ordering Information

Part Number	Data Sheet	Description
IPF-12-PC	1050	IPF-xy, Configured with VPM, QWERTY and UXB
IPF-12-PCLT	1050	IPF-xy, Configured with VPM/ without QWERTY or UXB
IPF-12-SDM-PC	1050	IPF-xy, Configured with SDM, QWERTY and UXB
IPF-12-SDM-PCLT	1050	IPF-xy, Configured with SDM/ without QWERTY or UXB
IPF-XL-PC	1050	IPF-XL-xy, Configured with VPM, QWERTY and UXB
IPF-XL-PCLT	1050	IPF-XL-xy, Configured with VPM/ without QWERTY or UXB
IPF-XL-SDM-PC	1050	IPF-XL-xy, Configured with SDM, QWERTY and UXB
IPF-XL-SDM-PCLT	1050	IPF-XL-xy, Configured with SDM/ without QWERTY or UXB

Related Modules, Accessory Cards and Cabinets

Cabinets	1045	IPF-xy, IPF-XL and REM- Cabinet Options
VPM/SDM	1010	VPM/SDM Configuration/Display Modules
ALM	1020	Analog SLC and NAC Circuits
XP, DISC	2100, 2105	Detection Options for XP and Discovery Product Lines
DXP-xxx	2810-2818	Addressable Device Options
MBLR	1051	Optional Masterbox/Line Reversal card
CCR	1051	Optional Common Control Relay Card
KPD	1053	Optional QWERTY Keypad
UXB	1052	Optional USB Extension Card
UXB-KS	1052	Optional USB Extension Card/Key Activated
RTR, EPROT	1030	Optional Routers and Ethernet Protection Cards
RTR-3	1031	Fiber-Optic Long Haul Routers

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