



INDUSTRIAL FIRE & GAS PROTECTION



FB-FirePAC® & FB-FireSIS® System Solutions

ANSI / UL - 864 10th Edition Fire Alarm Control Units
utilizing the ControlLogix® and/or GuardLogix® Platforms





Design

Choice

The FB-FirePAC and FB-FireSIS solutions leverage ControlLogix and/or GuardLogix hardware, are certified to ANSI/UL 864 10th Edition, and with GuardLogix hardware are SIL2/3 capable.¹

FB-FirePAC and FB-FireSIS are modular, scalable and certified compatible with FireBus® and a majority of industry-leading devices so operators may choose the field device technology they require.



FB-FirePAC & FB-FireSIS

Provides system solutions up through SIL-3 and combined with our secure FireLogix® software and integral Standard Display Unit (SDU) deliver a true state of the art Industrial Fire Panel

Base System Standard Functions:

- Notification Appliance Circuits
- Agent Releasing Circuits
- Initiating Device Circuits
- Analog Initiating Device Circuits
- Addressable smoke detection
- Power Supply / Charger

FB-PowerBoost

Provides approved, scalable 24 VDC field power with code required battery backup and charging capabilities

Details:

The "core chassis" contains the Programmable Automation Controller (PAC) and an approved minimum selection of I/O modules that create a fully functional ANSI / UL-864 Fire Alarm Panel. The cabinet housing the "core chassis" includes a door mounted "Standard Display Unit (SDU)" with a touchscreen operator interface.

The enclosure family has 175 listed cabinet configurations ranging from the smallest wallmount version up through multi-bay free standing systems.

This provides for a flexible architecture scaleable from a single "core chassis" or stand-alone display up to large combination systems with multiple chassis and hundreds of I/O channels in large multi-bay enclosures. These listed enclosures and the control equipment they contain can be distributed throughout the facility and connected via normal Logix networking.

INDUSTRIAL FIRE & GAS PROTECTION

ON A TRUSTED, UBIQUITOUS PLATFORM USING STANDARD HARDWARE AND SOFTWARE WITH A WIDE CHOICE OF FIELD DEVICES

Scaleable

After the dedicated Fire Panel I/O of the “core chassis”, additional chassis can be added via fiber or copper and equipped with I/O for either expanded Fire Panel use or Combination System service.

Flexible

For the first time, modern addressable smoke detection, heat detection, contact monitors, Notification Appliances, etc. are directly accessible to the ControlLogix® processor.



SDU & ITP-AM

The FireBus Standard Display Unit (SDU) is a door mounted information portal with a touch screen interface providing easy access to system status, diagnostics, history and certain user configurable items.

- FACP system status indicators
- Releasing system status indicators
- FACP system status indicators
- Acknowledge, Silence & Reset controls
- FACP system status indicators
- Central display area for alarms and events

The ITP-AM is a networked configurable multi-zone LED indicating panel along with being a Fire Alarm Panel interface.

- Fire Alarm system status indicators
- Releasing system status indicators
- Acknowledge, Silence & Reset buttons
- Keyswitch lockout for buttons
- 48 zones with programmable indicating LED's

The scalable FB-FirePAC/FB-FireSIS solutions scale from 128 to 128,000 I/O and may be deployed as a single system or many acting as one using Rockwell Automation's Produce and Consume System Shared Tag Architecture. In addition, the systems can communicate to virtually any DCS, SIS, PLC and/or HMI.

- A wide range of configurations for both classified and non-classified areas.
- Supporting addressable and point-to-point I/O from both local and remote chassis/cabinets.
- Certified compatible with FireBus and leading Fire & Gas devices.
- Integrates video flame detection / surveillance.
- Provides plant voice / tonal notification.
- Certified as a “Combination System” so it can also perform non-fire applications.



FireBus, LLC

FireBus provides enabling technologies to Fire & Gas System users and system integrators that broaden the field device choices while reducing restrictions on how they can be integrated in a certified solutions utilizing the ControlLogix® and/or GuardLogix® platforms.

These exciting new products bridge the gap between stand-alone fire panels, detection products and the world's most popular programmable automation controller line in a way that is friendly to the systems developer while meeting the required regulatory approvals and satisfying the Authority Having Jurisdiction (AHJ)

SAFE JUST GOT SAFER

FireBus, LLC
109 Magellan Circle
Webster, TX 77598 USA
TEL +1.832.519.8008
FAX +1.832.632.1213

www.firebus.net

For additional information email: sales@firebus.net

