FireBus

FB-FirePAC® - System Solution

ANSI / UL - 864 10th Edition Fire Alarm Control Unit
utilizing the Allen-Bradley ControlLogix® Platform

FireBus

Design

The FB-FirePAC solution leverages standard ControlLogix based hardware and is NRTL certified to the requirements of ANSI / UL 864 10th Edition.

Choice

FB-FirePAC is certified compatible with FireBus® and other leading devices so integrators and end-users can choose the field devices that meet their requirements.

FB-FirePAC

The FireBus "FB-FirePAC" is a ControlLogix based system containing all of the necessary components to be classified as a Fire Alarm Control Unit.

The base system provides a generous allotment of "Fire Panel" specific functions including:

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

Details:

The "core chassis" contains the ControlLogix 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 FB-FirePAC 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 ControlLogix 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.

FB-PowerBoost®

FireBus FB-PowerBoost is a modular, scalable power solution that provides additional 24 VDC field power and battery reserves to FB-FirePAC systems allowing more field devices to be deployed.

FB-PowerBoost has your back!

- Provides one or two identical power banks.
- Mates with FB-FirePAC inputs "Bank 1 & Bank 2" seamlessly increasing field power.
- Uses the same Power Supply / Charger as FB-FirePAC systems.
- 16 Amps of 24 VDC power (8A/bank)
- 160 Amp Hours of battery backup (80AH/bank)
- Highest quality batteries for fast recharge and wide temperature range.
- Multiple FB-PowerBoost packages may be utilized in a single FB-FirePAC system.

The scalable FB-FirePAC solution supports all 14 Rockwell Automation served industries and allows Rockwell Automation ControlLogix users to replace, or use FB-FirePAC in lieu of, up to 5 systems with a single FB-Fire PAC.

- 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.
- FB-FirePAC is certified compatible with FireBus and leading Fire &Gas devices.
- Integrates video flame flame detection / surveillance.
- Provides plant voice / tonal notification.
- FB-FirePAC is certified as a "Combination System" so it can 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 solution utilizing the ControlLogix® platform.

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

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