



Conventional

The New AEGIS™-PHX

Conventional Fire Suppression Control Unit

Compact, Flexible and Economical Suppression Control

Specifically designed for special hazard fire suppression applications utilizing gaseous (Chemical, CO₂, Inert Gas), chemical (Wet Chemical, Dry Chemical) and water-based agents, the AEGIS™-PHX offers exceptional flexibility and ease of operation for both technicians and end-users, while maintaining the renowned reliability and suppression-focused features that have defined this product line for decades. Like other Kidde Fire Systems control units, the AEGIS™-PHX features triple redundancy (Triple-R) safeguards, significantly reducing the risk of inadvertent activation of suppression systems due to microprocessor failure or spurious signals.

This next generation version of our trusted AEGIS™ family boasts cutting-edge features, including a 1000 event log with a real-time clock, fully programmable I/O circuits, an enhanced user interface with a 4x40 LCD, advanced diagnostics capabilities, and much more. Even better, the 15 predefined configurations make sequence of operation selections for clean agent systems and LPCO₂ just as quick and easy as those for a kitchen system while a PC-based configuration utility allows for more complex suppression operations.

The AEGIS™-PHX is intentionally designed for "Plug-and-Play" retrofit. It fits seamlessly into existing AEGIS™ enclosures, with terminals located in similar positions and operating in the same manner, thereby ensuring an easy learning curve for technicians and operators familiar with AEGIS™ panels.

Short of space or installing a system for 'object' protection? An enclosure option with door-mounted manual release, abort, and maintenance switches enables a fully code-compliant system with reduced installation costs.



AEGIS™-PHX key features include:

- Control for all Kidde Fire Systems suppression platforms.
- Robust “Triple R” safeguard designed for use with our Suppression systems.
- 1000 Event Log with battery backed-up real-time clock.
- 4x40 LCD screen for ease of use, more descriptive messages, & easier configuration.
- 15 pre-defined configurations available for great convenience and time-saver.
- PC-Based Configuration Utility, which includes an EOC creation wizard, allows even more flexibility.
- Seven (7) initiating and five (5) output circuits, programmed individually to suit site and suppression system configuration requirements.
- “Plug and Play” design for easy retrofit of AEGIS™ family panels.
- Compatible with all existing and most legacy releasing devices and initiating devices.
- Quick enabling and connection to IntelliSite™
- Enhanced digital cyber security.
- Improved diagnostics capability, with on-screen detailed messages.
- Programmable AUX power output operation – Latch or non-latch – with improved in-rush current management.
- NFPA 2001 compliant door-mounted Key Maintenance Bypass Switch.
- Support of external relays through built-in output collectors.
- Compatible with 3rd party DACTs.
- 120/240V, 5.4A power supply.

Applications Protected:

- Banks
- Clean Rooms
- Commercial Facilities
- Computer Operations
- CNC Machines
- Data Centers
- Generator Rooms
- Heritage Preservation
- Industrial Processes
- Manufacturing Operations
- Printing Presses
- Record Storage
- Restaurant Hoods
- Other Areas With High-Value Assets

Control for Wide Array of Fire Suppression Systems:

- ECS™ Clean Agents
- ADS™ Clean Agents
- Inert Gases
- HP CO2 and LP CO2
- WHDR™ Wet Chemical
- IND™ Dry Chemical
- Fenwal Initiators
- Sprinkler Supervisory
- Deluge/Pre-action
- Foam and Foam/Water

Approvals & Listings:

- Listed to UL 864, 10th Edition (S2422 Vol. 19, Sec. 1)
- FM Approved
- NYC Fire Department Approved
- CSFM Listed
- Malaysian Fire and Rescue Department (BOMBA)
- United Arab Emirates (UAE) RoHS and Civil Defense Certificate of Compliance
- HFKD Certified
- Taiwan Fire Service (TFS) Certified

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