Automatic Releases for Preaction and Deluge Sprinkler Systems

The function of these releases is to open water valves automatically via FM Approved fire detection devices.

Release control panels FM Approved for deluge and preaction sprinkler systems are compatible with the specified solenoid-operated valves, have standby power supplies capable of providing the required 90-hour system operation should primary power fail, and fire detection circuitry capable of operation during open circuit fault condition.

ARIES NETLink

ARIES NETLink programmable analog addressable fire alarm control system. The main control board with operating software Rev. 1.0.X has two (Class A) Style 6, 7 or (Class B), Style 4 Signaling Line Circuits (SLC's) that communicate with up to 255 analog addressable devices each. The main control board also has two (Class A), Style Z or (Class B), Style Y Notification Appliance Circuits (NACs) rated 2.0 A (max.) @ 24 V dc. Two more configurable output circuits are located on the main control board. When configured as a notification appliance circuit, the wiring performance of the configurable output circuits qualifies as (Class A) Style Z, or (Class B) Style Y, rated 2.0 A (max) @ 24 V dc; otherwise, the output circuits are used for connection to initiator or solenoid based releasing devices, rated 2.4 A (max) @ 24 V dc. One un-powered Form C relay contact is provided for trouble conditions. Three programmable, un-powered, Form C contacts are also provided. One RS-485 communication circuit for connection to Approved remote user interface modules and annunciator-driver modules is also provided. A switching power supply w/PMU Module operating from either 120 V ac or 240 V ac, 50/60 Hz primary power, supplies 5.4 A @ 24 V dc to support the control and charge 24 V dc batteries. An optional second switching power supply may be used to provide an additional 5.4 A @ 24 V dc. Up to four PMUs and eight associated power supplies may be connected when the application requires up to 20A. For Approved combination of solenoid and water control valves, refer to Automatic Water Control Valve listings that follow. The panel is provided with standby battery capacity up to 165 AH to supply the required 90 hours of standby. (See control panel description under LOCAL PROTECTIVE SIGNALING)

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Listing Country:	United States of America
Certification Type:	FM Approved

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