

AIWR Series Alarm Annunciator



The relay logic based Alarm Annunciator systems are preferred for applications where extreme environmental conditions are present. The AIWR Series is a cost effective solution, designed for the use in space restricted areas with limited alarm points.

AIWR Series is a fully self-contained panel mounted Annunciator with integral Acknowledge, Reset, Test, and Mute Pushbuttons. All configuration options are versatile and operate by switch settings without software requirement.

Display legends for the backlit displays are to be created by the user on any standard printer.

The aluminum encasing allows for the best available heat dissipation ability, and at the same time affords a luxury appearance.

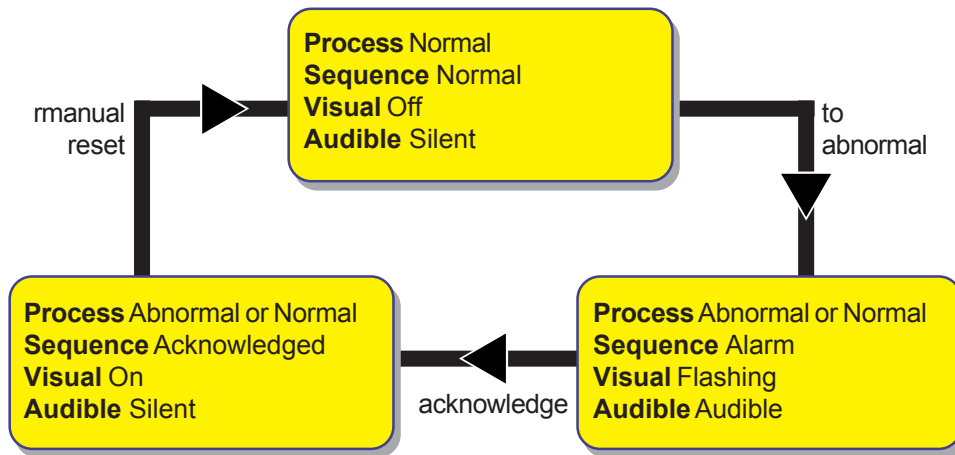
- Compact Size
- Relay Logic Based
- ISA-S18.1 Code-M (Manual Reset)
- Auto Horn Off Feature
- Critical and Non Critical Relays
- Long Life LEDs
- 4 Different LED Colors
- Multiunit Synchronization
- High Reliability
- Low Cost

Alarm Sequences

The AIWR Series Alarm Annunciator follows the “Manual Reset” (M) Sequence as listed in the ISA publication *Annunciator Sequences and Specification S18.1, 1979*. As an option the “Auto Horn Off” feature is selectable.

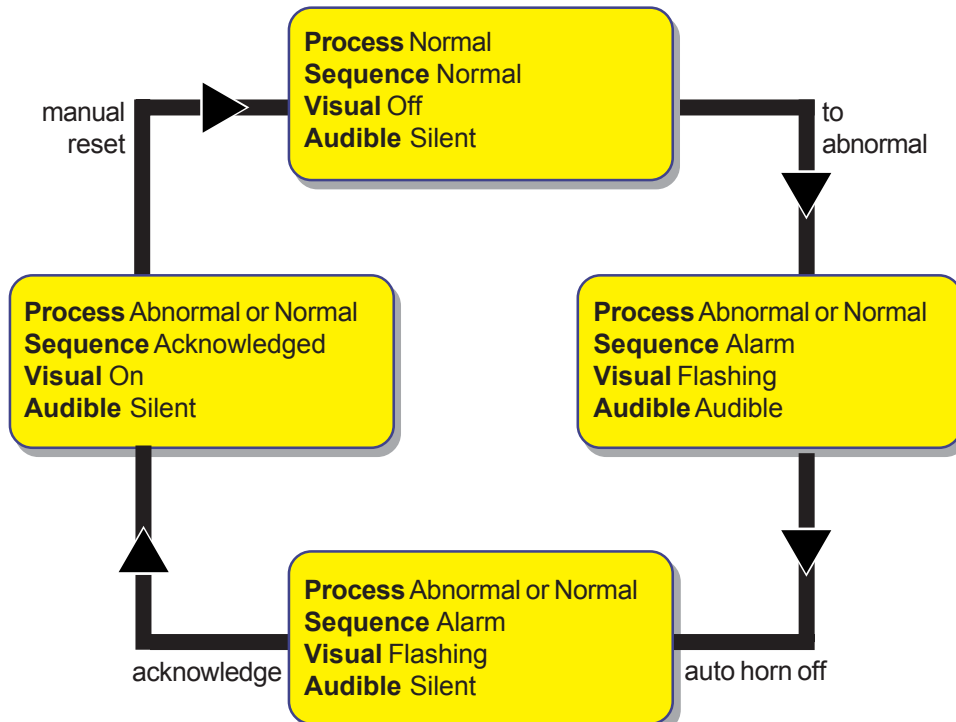
Manual Reset / Sequence code M

With No Subsequent Alarm State



Manual Reset / Sequence code M

With Auto Horn Off Feature



System Specification

- Alarm Channels (Windows): 10, 16, 20
- Isolation: Inputs: Opto Isolated/ Outputs: Relay
- Push Buttons: Acknowledge, Reset, Test, and Mute
- Flush Mounting
- Cabinet Size: 144x144mm
- Cutout Size: 140x140mm
- Window Size: 22x22mm, 22x45mm
- Illumination: Long Life LEDs
- LED's Color: White, Red, Yellow, and Green
- Alarm Text: Film Legends
- One Logic Controller for four Alarm Points
- Signal Voltage: 24V, 48V, 110V, 220V (DC or AC)
- Power Supply: 24V, 48V, 110V, 220V (DC or AC)
- Power Consumption: Max. 30 Watts
- Sequence: Code-M of ISA-S18.1 (Manual Reset)
- Selectable Auto Horn Off feature
- Output: Two Dry Selectable Contacts (Critical/Non Critical)
- Synchronization: Flashing Synchronization for Multi-unit Applications
- High Reliability

Options and Order Number

