

by Honeywell

Description

The Gamewell-FCI Velociti® Series addressable output supervised control module (AOM-2SF) allows a Gamewell-FCI analog addressable fire alarm control panel to switch an external power supply, such as a DC supply or audio amplifier (up to 80 V_{RMS}) to notification appliances. The AOM-2SF notification appliance circuit can be wired either Class A (Style Z) or Class B (Style Y). It also supervises the wiring to the connected loads and reports their status to the panel as NORMAL, OPEN or SHORT CIRCUIT. The module contains a panel controlled LED.

The Velociti® Series use a communication protocol that substantially increases the speed of communication between the SLC devices and certain Gamewell-FCI analog addressable fire alarm control panels. These devices operate in a grouped fashion. If one of the devices in the group has a status change, the panel's microprocessor stops the group poll and concentrates on the single device. The net result is a superior response speed up to five times greater than the earlier designs.

The AOM-2SF module is designed for installation in the signaling line circuit of any Gamewell-FCI analog addressable fire alarm control panel. The signaling line circuits of Gamewell-FCI analog addressable fire alarm control panels are designed to accommodate up to 159 modules per circuit. The AOM-2SF is designed to mount in a 4" (10.16 cm) square junction box 2 1/8" (5.5 cm) deep.

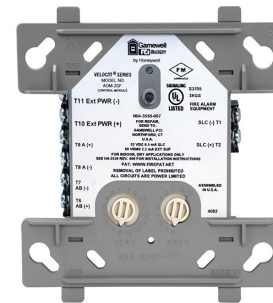
Table 1 lists the relay contact ratings.

| Current Rating | Maximum Voltage | Load Description | Application |
|----------------|-----------------|---------------------|-------------|
| 3A | 30 VDC | Resistive | Non-Coded |
| 2A | 30 VDC | Resistive | Coded |
| 0.9A | 110 VDC | Resistive | Non-Coded |
| 0.5A | 125 VAC | Resistive | Non-Coded |
| 0.5A | 30 VDC | Inductive (L/R=5ms) | Coded |
| 1A | 30 VDC | Inductive (L/R=2ms) | Coded |
| 0.5A | 125 VAC | Inductive (PF=.35) | Non-Coded |
| 0.7A | 75 VAC | Inductive | Non-Coded |

Table 1: Relay Contact Ratings

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UL® is a registered trademark of Underwriters Laboratories Inc.

Addressable Output Relay Supervised Control Module



AOM-2SF

Features

- Listed under UL® Standard 864 and UL2572 for Mass Notification.
- Designed as a compact size to allow easy installation.
- Includes Class A, Style Z, or Class B, Style Y notification appliance circuit.
- Accommodates audio amplifiers up to 80 V_{RMS}.
- FM Listed as suitable for a releasing device service.
- Includes a bicolor LED that flashes green whenever the module is addressed, and lights steady red upon activation*.

*Note: Only the red LED is operative in panels that do not operate in Velociti® mode.

Specifications

- Supervisory Current:** .000375 amps
Alarm Current: .0065 amps
Operating Temperature: 32° to 120° F (0° to 49° C)
Relative Humidity: 10 to 93% relative humidity (non-condensing)
Dimensions: 4 1/2" H x 4" W x 1 1/4" D (11.4 H x 10.2 W x 3.2 D cm)

Ordering Information

- | Part Number | Description |
|-------------|--|
| AOM-2SF | Addressable output supervised control module |

