ASM-16

ASM-16 Adderssable Swith Module

The ASM-16 module is the remote annunciator interface for the E3 Series® Fire, Mass Notification and Voice Evacuation Systems.

GENERAL

The Gamewell-FCI, ASM-16 Addressable Switch Module serves as the point of interface between an operator and the system's audio evacuation, fire fighter intercom, and building control circuits. It is a component of the following systems:

- E3 Series® Expandable Emergency Evacuation System
- E3 Series Combined Fire and Mass Notification System
- E3 Series Broadband Voice Evacuation System

The ASM-16 is a configurable switch input sub-assembly with 16 switches and 48 status LEDs. It may be remotely located via the RS-485 serial interface. Each ASM-16 addressable switch module has 16 push-button switches that can be programmed to serve any function the application demands.

An ASM-16 switch can be programmed to operate as any of the following functions:

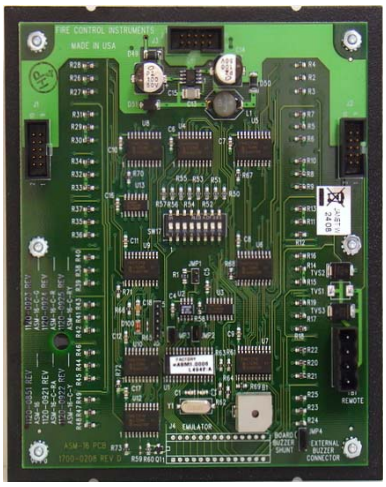
- Speaker circuit switch
- Auxiliary control switch
- (using a bank of 2 switches
- 1 switch each for on-off-auto functions)
- Fire fighter phone switch
- Switches with custom-defined functions:
  - System Reset
  - All-call, phone patch
  - System Silence
  - Lamp test, alarm tone on
  - System Acknowledge
  - Manual select, etc.

Each ASM-16 switch has three fully programmable LEDs that appear in red, yellow, and green. These LEDs can be programmed to work in concert with their associated pushbutton switch or they can be programmed to work independently as status indicators (for example, ON, OFF, NORMAL etc.).

An INI-VGC assembly or ILI-MB-E3/ ILI95-MB-E3 can accommodate up to 16 ASM-16 modules for a total of 256 switches and 768 LEDs.

ORDERING INFORMATION

1100-0455: Programmable Addressable Switch Module



ASM-16



ASM-16 (Display)

FEATURES AND BENEFITS

- Listed under UL® Standard 864, 10th Edition
- Listed under UL® Standard UL2572, 2nd Edition for Mass Notification
- Each INI-VGC supports up to 16 ASM-16 switch modules for a total of 256 switches
- All switch functions are fully software programmable
- Each ILI-MB-E3/ILI95-MB-E3 supports up to 16 ASM-16 switch modules for a total of 256 switches
- Each ASM-16 switch has three fully programmable status, indicating LEDS: red, yellow, and green
- Slip-in label inserts allow easily modified switch designations

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ASM-16 TECHNICAL SPECIFICATIONS

SPECIFICATIONS

Operating Voltage: 24 VDC (nominal) (from the PM-9/PM-9G power supply)

Operating Current: 0.011 amp. (with no LEDs lit) Each LED draws 3mA when active

With all 48 LEDs activated, the ASM-16 draws 155 mA.

Operating Temperature: 32° to 120° F (0° to 49° C)

Relative Humidity: 0 to 93% (non-condensing) at 90° F (32° C)

TEMPERATURE AND HUMIDITY RANGES

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (noncondensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

STANDARDS

The ASM-16 is designed to comply with the following standard:

UL Standard: UL 864, 10th Edition
UL 2572, 2nd Edition
for Mass Notification

AGENCY LISTINGS AND APPROVALS

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult the factory for the latest listing status.

UL Listed: S1869, UL 2572

FM Approved: 3017416

MEA FDNY: COA 231-06-E

CSFM: 7165-1703:0125, 7165-1703:0126

City of Chicago Approved:
Class 1, Class 2,High Rise

City of Denver Approved

ISO 9001 Certification

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This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

Country of origin: U.S.A.

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9020-0554 | Q | 06/20
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