MMF-300-10(A)

Ten-Input Monitor Module

FIRE·LITE ALARMS by Honeywell

Addressable Devices

General

The **MMF-300-10 ten-input monitor module** is an interface between a control panel and normally open contact devices in intelligent alarm systems such as pull stations, security contacts, or flow switches.

The first address on the MMF-300-10 is set from 01 to 150 and the remaining modules are automatically assigned to the next nine higher addresses. Provisions are included for disabling a maximum of six unused addresses.

The supervised state (normal, open, or short) of the monitored device is sent back to the panel. A common SLC input is used for all modules, and the initiating device loops share a common supervisory supply and ground — otherwise each monitor operates independently from the others.

Each MMF-300-10 module has panel-controlled green LED indicators. The panel can cause the LEDs to blink, latch on, or latch off.

The module also provides short circuit isolators to prevent shorts on the fire detection and alarm system loop from disabling more than one device on the intelligent loop.

Dip switches are used to disable addresses and set Class A or Class B operation.

NOTE: *Unless otherwise specified, the term MMF-300-10 is used in this data sheet to refer to both the MMF-300-10 and the MMF-300-10A (ULC-listed version)***.**

Features

- Listed to UL Standard 864 or ULC S527.
- Ten addressable Class B or five addressable Class A initiating device circuits.
- Removable 12 AWG (3.25 mm²) to 18 AWG (0.9 mm²) plug-in terminal blocks.
- Status indicators for each point.
- Unused addresses may be disabled.
- Rotary address switches.
- Class A or Class B operation.
- Flexible mounting options.
- Mounting hardware included.

Specifications

Standby current: 3.75 mA (SLC current draw with all addresses used; if some addresses are disabled, the standby current decreases).

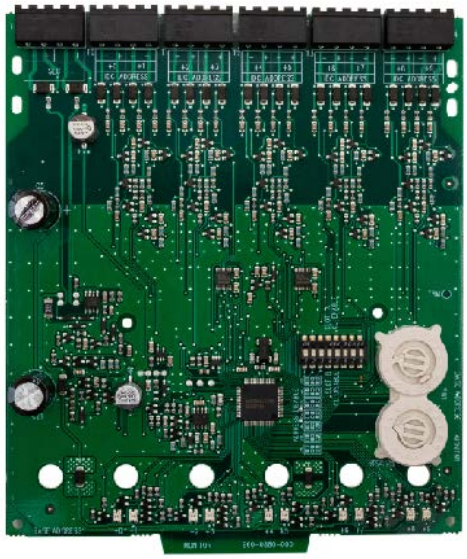
Alarm current: 60 mA (assumes all ten LEDs solid ON).

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

Humidity: 10% to 93% noncondensing

Dimensions: 6.8" (172.72 mm) high x 5.8" (147.32 mm) wide x 1.25" (31.75 mm) deep.

Shipping weight: 0.76 lb. (0.345 kg) including packaging.



Mounting options:

- CHS-6 chassis: Up to 6 modules.
- BB-6F cabinet: Up to 6 modules.
- BB-2F cabinet: One or two modules.

Wire gauge: 12 AWG (3.25 mm²) to 18 AWG (0.9 mm²).

Power-limited circuits must employ type FPL, FPLR, or FPLP cable as required by Article 760 of the NEC.

Maximum SLC wiring resistance: 40 ohms.

Maximum IDC wiring resistance: 1500 ohms.

Maximum IDC voltage: 12 VDC.

Maximum IDC current: 1 mA (each circuit).

Agency Listings and Approvals

The listings and approvals below apply to the MMF-300-10(A)Ten-Input Monitor Module. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL Listed:** S2424
- **ULC Listed:** S2424
- **CSFM** approved: 7300-0075:205
- **FM approved**
- **MEA approved:** 55-02-E

Product Line Information

MMF-300-10: Ten-input monitor module with UL listing.

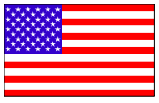
MMF-300-10A: Ten-input monitor module with ULC Listing.

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We cannot cover all specific applications or anticipate all requirements.
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For more information, contact Fire•Lite Alarms. Phone: (800) 627-3473, FAX: (877) 699-4105.
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