

HFS(A) Intelligent Modules



Addressable Devices

General

The Honeywell HFS(A) intelligent module products are designed to meet a wide range of applications.

Each module is rigorously designed and tested for electromagnetic compatibility and environmental reliability. Modules are addressed with easy-to-use rotary code switches.

HFS-MM(A) Mini Monitor Modules provide an interface to contact devices, such as waterflow switches, sprinkler valves, or pull stations. They are capable of Style B supervised wiring to the monitored device. In addition to transmitting the supervised state of the monitored device (normal, open, or short), the full analog supervision measurement is sent back to the panel. This allows detection of impedance changes in the supervised loop to the monitored device.

The HFS-MR(A) Relay Module contains two isolated sets of Form C contacts, which operate as a double-pole, double-throw switch. The module allows the control panel to switch these contacts on command. It mounts in a standard 4 in. x 4 in. x 2¹/₈ in. junction box. Wiring terminals are easily accessible for troubleshooting.

Features

- UL and ETL listed to UL 864
- ULC and ETL (Canada) listed to ULC S527
- Analog communications
- Rotary address switches
- Low standby current
- Mounts in standard 4-in. junction box
- SEMS screws for easing wiring (HFS-MR(A) only)
- Panel controlled status LED (HFS-MR(A) only)

Specifications

GENERAL SPECIFICATIONS

Operating Voltage: 15 to 32 VDC

Communication Line Loop Impedance: 40 Ohm. max.

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

Relative Humidity: 10% to 93% noncondensing

Shipping Weight:

- HFS-MM(A): 1.2 oz (37 g)
- HFS-MR(A): 6.3 oz (196 g)

Dimensions:

- HFS-MM(A): 2.7 in W x 1.7 in H x 0.5 in D
- HFS-MR(A): 4.25 in W x 4.65 in H x 1.1 in D

HFS-MM(A) ELECTRICAL SPECIFICATIONS

Standby Current: 400 µA max @ 24 VDC (one communication every 5 sec. with 47k EOL); 600 µA max @ 24 VDC (one communication every 5 sec. with IDC shorted)

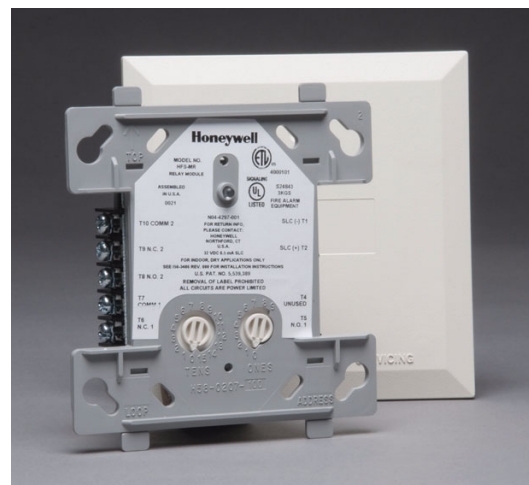
End-of-Line Resistance: 47 kOhm (included)

HFS-MR(A) ELECTRICAL SPECIFICATIONS

Standby Current: 300 µA max @ 24 VDC (one communication every 5 sec. with LED enabled)



HFS-MM(A)



HFS-MR(A)

LED Current: 5.5 mA (with LED latched on)

Relay Contact Ratings: 2.0 A @ 30 VDC resistive 0.3 A @ 125 VAC inductive (PF=.35)

Ordering Information

HFS-MM(A): Mini Monitor Module

HFS-MR(A): Relay Module

Note: Use "A" versions for Canadian applications.

Agency Listings

- **UL/ULC Listed:** S24843
- **ETL (US):** 3196115CHI-001
- **ETL (Canada):** 3196115CHI-002
- **CSFM:** 7300-1130:278

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Made in the U.S. A.

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