



by Honeywell

HFS Series Intelligent Modules

Description

The HFS Series intelligent modules are designed to meet a wide range of applications and are compatible with the Gamewell-FCI addressable fire alarm control panel. Monitor and relay modules can be used to supervise and activate door closers, pull stations, waterflow switches, and more. Each module is rigorously designed and tested for electromagnetic compatibility and environmental reliability, in many cases exceeding industry standards. Modules are addressed with easy-to-use rotary code switches. Full size modules mount in a standard 4" x 4" x 21.8" junction box. Wiring terminals are easily accessible for troubleshooting.

HFS-MM Mini Monitor Modules provide an interface to contact devices, such as security contacts, waterflow switches, or pull stations. They are capable of Style B supervised wiring to the load 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 feature allows detection of impedance changes in the supervised loop to the monitored device. The compact size of the HFS-MM module allows it to fit inside devices or fit in junction boxes behind devices.

The HFS-MR Relay Module contains two isolated sets of Form C contacts, which operate as a double-pole, doublethrow switch. The module allows the control panel to switch these contacts on command. No supervision is provided for the notification appliance circuit.

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% non-condensing

Shipping Weight:

HFS-MM: 1.2 oz (37 g)

HFS-MR: 6.3 oz (196 g)

Dimensions:

HFS-MM: 2.7" W x 1.7" H x 0.5" D

HFS-MR: 4.25" W x 4.65" H x 1.1" D

Specifications, HFS-MM:

Standby Current 400 μ A max. @ 24 VDC
(one communication every 5 sec. with 47k EOL)
600 μ A max. @ 24 VDC
(one communication every 5 sec. with EOL <1k)
47 k Ω (included)

End-of-Line Resistance

Specifications, HFS-MR:

Standby Current 300 μ A max. @ 24 VDC
one communication every 5 sec. with LED enabled)

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)

Intelligent Monitor and Relay Modules



HFS-MM Intelligent Mini Monitor Module

Features

- Analog communications
- Rotary address switches
- Low standby current
- Mounts in a standard 4½" junction box
- SEMS screws for easing wiring (HFS-MR only)
- Panel controlled status LED (HFS-MR only)

Ordering Information

Part Number	Description
HFS-MM	Mini Monitor Module
HFS-MR	Relay Module

SIGNALING



LISTED



Intertek



MSFM
approved

S1869 3189837NYM-001a 7165-1703:0121



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