



by Honeywell

Velociti[®] Series

AMM-2RIF

Description

The Gamewell-FCI Velociti Series multi-function module (AMM-2RIF) combines two relay outputs and two monitor inputs into one device. The module is capable of Class B supervised wiring that is used for the monitored devices. It also contains Form C relay contacts which allow the panel to switch the contacts on command. There is a dedicated LED on the module for each input and output. The control panel can use these bi-color LEDs to indicate normal, alarm and trouble conditions.

This module is ideally suited for areas where inputs and outputs are needed in the same location. It could be used to function with any of the following devices:

- smoke/fire dampers
- security doors
- HVAC fan
- dedicated smoke control
- non-dedicated smoke fan

By combining two (2) relay outputs and two (2) monitor inputs into one device, you can save the cost of installing four (4) devices. This feature can be beneficial when you need to install these devices in high rise buildings or large shopping complexes.

The two input/two output module is the same size module as the standard single modules. It can mount directly to a 4-inch (10.16 cm) square electrical box, the surface mounted SMB500, or into a DNR(W) duct housing.

Relay Contact Ratings			
Current Rating	Maximum Voltage	Load Description	Application
2 A	25 VAC	PF = 0.35	Non-coded
3 A	30 VDC	Resistive	Non-coded
2 A	30 VDC	Resistive	Coded
0.46 A	30 VDC	Inductive (L/R - 20ms)	Non-coded
0.7 A	70.7 VAC	PF = 0.35	Non-coded
0.9 A	125 VDC	Resistive	Non-coded
0.5 A	125 VDC	PF = 0.75	Non-coded
0.3 A	125 VDC	PF = 0.35	Non-coded

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Addressable Input/Output Module



AMM-2RIF

Features

- Provides two (2) relay outputs and two (2) monitor inputs in one space-saving module
- Offers visual rotary, decimal switch addressing (01-159)
- Contains the following:
 - Two (2) sets of Class B initiating device circuits
 - Two (2) sets of Form C relay contacts
- Uses bicolor LEDs for each input and output flash, when addressed, and lights steady when in alarm
- Includes a Dip switch to manually disable one (1) input and one (1) output
- Ideal for fan, smoke control, and door entry installations

SIGNALING



LISTED

S1949



7300-1703-0174



GAMEWELL-FCI

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Specifications are for information only, are not intended for installation purposes, and are subject to change without notice. No responsibility is assumed by Gamewell-FCI for their use.

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Description (Continued)

Use rotary switches to set the address setting. You can set the base via the rotary switch and assign the address to Relay Output #1 from Address 00 to Address 156. The module automatically assigns the next three addresses as appropriate to Monitored Input #1, Relay Output #2, and Monitored Input #2. If the Relay Output #2 or the Monitored Input #2 are not used, use the DIP switch to manually disable those addresses. You can use Relay Output #2 and the Monitored Input #2 addresses for other devices on the loop.

Figure 1 illustrates the Address Disable Switch.

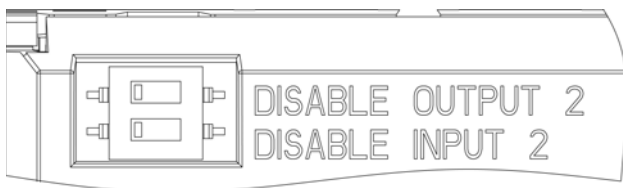


Figure 1 Address Disable Switch

Specifications

Supervisory Current:	0.00130 A
Alarm Current:	0.024 A
Operating Temperature:	32°F to 120°F (0°C to 49°C)
Relative Humidity:	10% to 93% (Non-condensing)
Temperature Rating:	32°F to 120°F (0°C to 49°C)
Dimensions:	4 1/2" H x 4" W x 1 1/4" D (11 H x 10.2 W x 3.2 D cm)
End-of-Line Resistor:	47k Ohms

Ordering Information

Part Number	Description
AMM-2RIF	Addressable 2 Input/2 Output Module