



Product: **RM8-FBI-\*\*** **Eight Channel Din Rail Mounting SPCO Relay Module with Fuse Blown indicating fuse**

Product: **RM16-FBI-\*\*** **Sixteen Channel Din Rail Mounting SPCO Relay Module with Fuse Blown indicating fuse**

## Specification

Eight and Sixteen Channel Din Rail Mounting SPCO Relay Module with Fuse Blown indicating fuse in line with each relay Common Connection to give an Alarm signal in the event of that channel fuse going open circuit.

Fuse failure indication makes plant maintenance quicker ensuring the customer can get, up and working again with minimum delay. The modules use the Bussmann mechanical fuse failure indication on each circuit to provide an alarm signal which can be connected to a PLC which in turn can flag an alarm on a SCADA system directing maintenance to an identifiable individual relay. The modules are particularly useful in large control systems.

### Electrical

Relay coil power approx. 170mW.

For full technical details of the relay refer to [www.findernet.com](http://www.findernet.com)

Relays are mounted in sockets and held in place with a lever clamp, which releases the relay if opened.

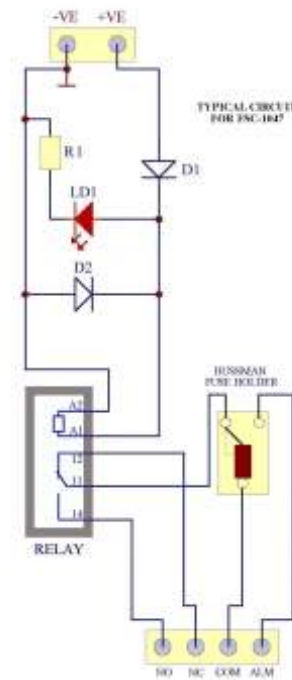
Low current Red LED on when relay coil energised.

A diode protects against reverse polarity connection.

A diode across the relay coil protects against back emf.

Contact Maximum rating 60Vdc, 125Vac, 5Amp

## Connections:



## GMTFuses

Note a blown fuse releases a sprung contact that will give a visual indication on the module that the fuse is blown and will also make with the Alarm contact to supply whatever voltage connected to the common connection as the alarm signal.

All connections are marked on the PCB. Connectors are Phoenix Contact type MKDS 3/2 and 2 tier MKKDS 3/2 rising clamp screw terminals suitable for AWG 28-12 cable.

### Mechanical

Housing is Phoenix Contact UM 108 Profil designed to fit commercially available DIN rails. A marker groove in the moulding edge allows the fitment of ZB5 clip on labels. Housing Material is PVC (UL94-V0)

### Dimensions

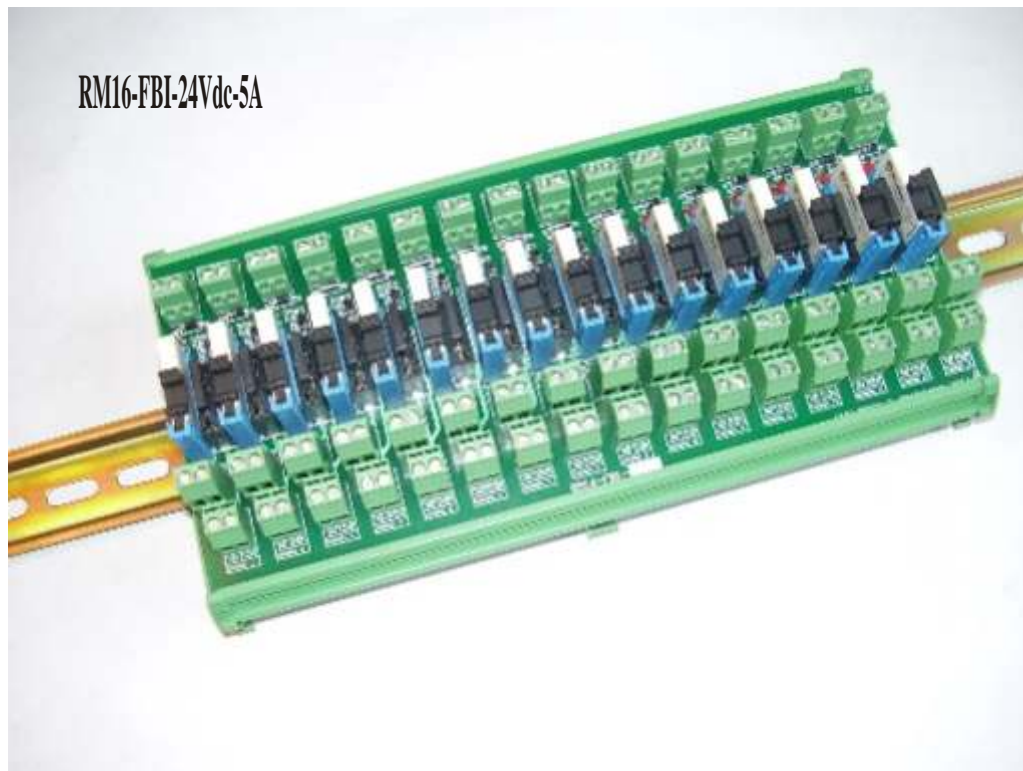
**RM8-FBI** 65.5mm high by 125.4mm across the rail by 124mm along the rail

**RM16-FBI** 65.5mm high by 125.4mm across the rail by 247mm along the rail

### Relay Specifications

Finder Relay Type	Coil Vdc	Coil Res Ohms	Operate Voltage	Maximum Voltage
34.51.7.012.0010	12Vdc	840+-10%	8.4Vdc	18Vdc
34.51.7.024.0010	24Vdc	3350+-10%	16.8Vdc	36Vdc
34.51.7.048.0010	48Vdc	12300+-10%	33.6Vdc	72Vdc

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#### Order code

**RM** |8 or 16|-**FBI**-| coil voltage |-| Fuse Rating |

Relay Coil Voltages: 12Vdc, 24Vdc, 48Vdc

Fuse Ratings available: 0.25A, 0.5A, 1A, 2A, 3A, 4A, 5A

Leave blank if you wish to purchase fuses separately Fuse type is Bussmann GMT  
IMPORTANT Customers should note that when fitting the GMT fuses they must not be forced down in position. See Bussmann data sheets for fitment details. A correctly positioned fuse will have the top flat edge of fuse approximately 7.7mm above the top edge of the module mounted fuse holder to which it is fitted.

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**RM8/16-FBI** 8 & 16 Ch. Relay Module with Fuse Blown Indication



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