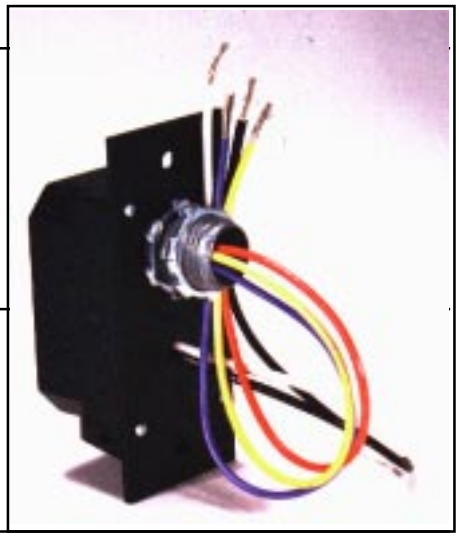
RIM/E

Relay Isolation Module in an Enclosure

FEATURES

- Lightweight plastic enclosure
- Form C Relay (N.O. and N.C. Contacts available)
- LED Status Indicator visible in cover
- Compact and Economical
- Mounts on handy box



APPLICATIONS

- Motor Starter Control
- Alarms
- Sequencers
- Environmental Control

PRODUCT DESCRIPTION

The RIM/E accepts 24 VAC or 24 VDC and energizes a 115 VAC, 10 amp relay. The relay is activated to turn on or off any loads connected, when the input voltage is applied. An LED lights when the relay is energized.

When the input voltage is removed, the relay deactivates and the LED is not lit. Flying wire leads for signal and connection to common (C), normally open (NO) and normally closed (NC) relay terminals are present on the back side of the RIM/E.

ORDERING INFORMATION

Specify: **RIM/E**

SPECIFICATIONS

Electrical Requirements

Power Supply	
Supply Voltage	Accepts 24 VAC or VDC.
Supply Current	25 mA maximum.
Signal Input	The power supply will actuate the SPDT relay.
Signal Output	RIM/E has one set of Common, Normally Open, and Normally Closed terminals.

Mechanical Requirements

Relay Contacts	
Type	Form C.
Rating	115 VAC, 10 amp maximum
Connections	
Flying Leads (route throught conduit nipple)	White (signal power), Black (signal common), in 18 ga., and Relay Connections Yellow (N.O.), Red (N.C.) and Blue (Common) in 16 ga.
Dimensions	3.25" L x 2.25" W x .8125 " H
Weight	16 oz.
Mounting	Mounts on handy box with screws provided
Environmental Requirements	
Operating Temperature	32 to 120 deg F.
Storage Temperature	-20 to 150 deg F.
Operating Humidity	25 to 95% non-condensing @ 70^{o}C.

Specifications may change without notice to improve product performance.

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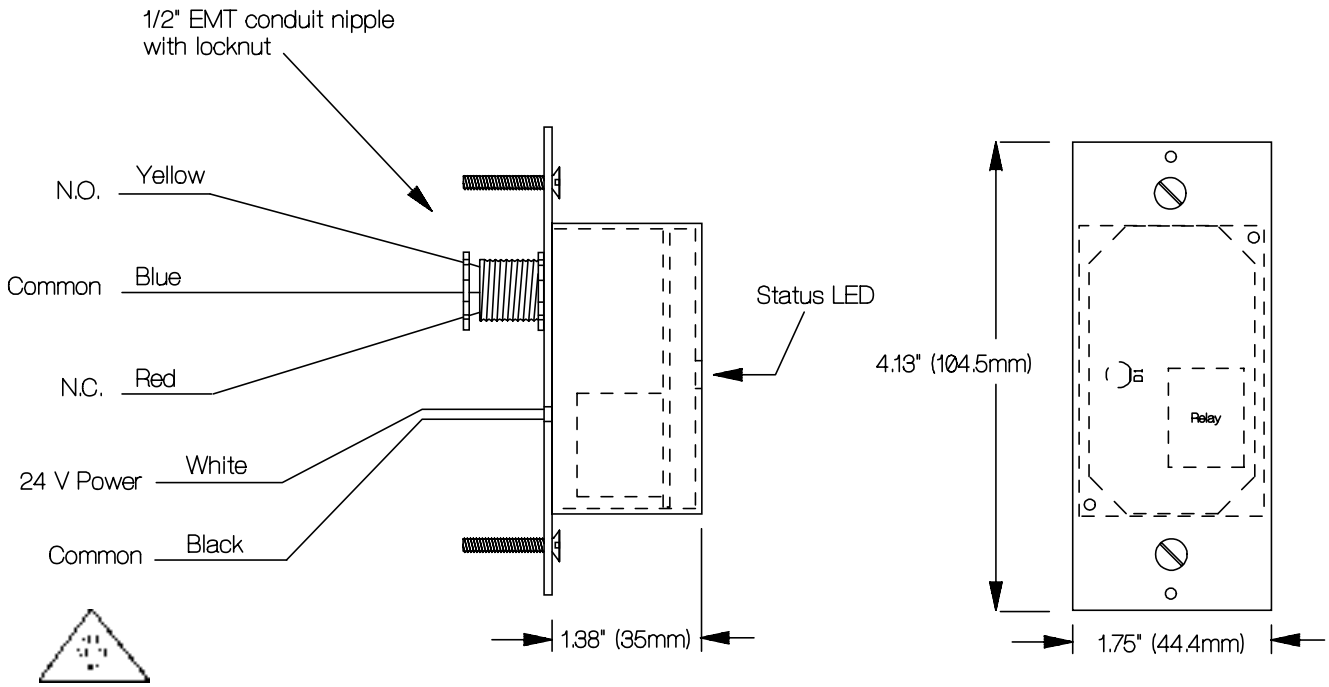
RIM/E

24 VAC or 24 VDC to 115 VAC,10 Amp Relay Isolation Module/Enclosed



INSTALLATION

READ THESE INSTRUCTIONS BEFORE YOU BEGIN INSTALLATION.
MOUNTING: RIM/E is designed to be mounted on the face of an electrical handy box.

POWER CONNECTIONS - THIS PRODUCT ACCEPTS 24 VOLTS AC OR DC POWER.
Be sure to follow all local and electrical codes. Refer to wiring diagram for connection information.

1) The supply voltage to the interface should be 24 VAC or VDC, plus or minus 10%. This 24 volts should be connected to the white wire (+) and black wire or common (-) routed through a small hole in the face of the RIM/E.
2) The controlled device should be connected to the blue common, and depending on the switching action desired, the red or yellow wire (see diagram above). The RIM/E will invert the state of the output according to the state of the power supply. If power is applied to the device the status LED indicator will illuminate and the normally open contacts of the RIM/E will close and the normally closed contacts will open.
3) RIM/E will switch up to a 10 amp 120 VAC general purpose load.

GREYSTONE
ACCURACY BY DESIGN
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