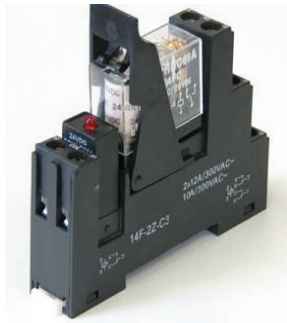


**SLIM 16
Relay Module**



Slim & Modular Power Relay

- **Works 24 VAC and VDC**
- **Form C - up to 16A @ 240 VAC (4800 VA)**
- **Panel and DIN rail mountable**
- **Occupies 50% less panel space**
- **Built in Status LED and holding bracket**
- **1st Relay Module with 5,000 VAC isolation**

SLIM 16 is a Panel and DIN Rail mountable relay module with Form-C contacts. It comes with mounting socket, modular status LED and relay holder bracket, all built in.

SLIM 16 has many unique design features. While it occupies only 1/2 the real-estate in a control panel compared to any other DIN-panel mounted socketed relay modules, it can switch up to 16 Amps at 250 VAC (4800 VA).

SLIM 16 other real significant design features are: First, 24 VAC control voltage Coil side is totally isolated from its high voltage-current switching contacts. They are opposite side of the mounting socket.

Also, the isolation between the contacts and the coil is highest at 5,000 VAC. This allows **SLIM 16** to switch heavy load currents and transients generated not to couple to the coil side.

SLIM 16 has two screw terminals for each output contact so that it is easy to wire.

Screw Terminal Markings: (See Fig-2)

- | | | |
|----|---------------------------------|-----------------------------|
| 1. | <u>Coil:</u> | A1 to A2 (24 VAC) OR |
| | 24 VDC (A1 + and A4 --) | |
| 2. | <u>Normally Open Contact:</u> | 14 and 24 |
| 3. | <u>Common Contact:</u> | 11 and 21 |
| 4. | <u>Normally Closed Contact:</u> | 12 and 22 |

Specifications:

CONTACTS:

- Arrangement:** Form – 1 C
- Material:** Silver Alloy
- Rating:** 16 Amps @ 240 VAC
16 A @ 30 VDC Resistive Load
- Max Switching:** 250 VAC 30 VDC
- Max Current:** 20 Amps
- Max Power:** 480 VA, 480 W
- Expected Life:** Mechanical: 10 Million
Electrical at Max A: 100,000
- Voltage Breakdown:**
Between Coil and the Contacts: 5000 VAC (50/60Hz)
Between Open Contacts: 1000 VAC (50/60 Hz)
- Power Consumption:** 1 VA
- Status LED:** Red
- Operating Voltage:** 18 – 30 VAC
- Operating Temperature:** -40°F to +150°F (-40°C to +65°C)
- Operating Humidity:** 40 to 85 %RH non-condensing
- Storage Humidity:** 10 to 98 %RH non-condensing

Dimensions: See FIG-1 below

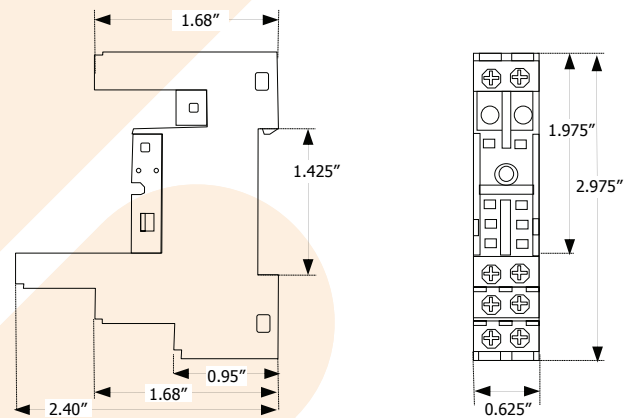


Figure 1

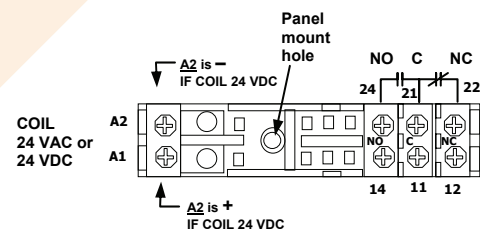


Figure 2