



## **MVME2210 64 Channel Relay Module**

### **Specifications**

- **Relay Channels:** 64
- **Input Impedance:** 10 kOhm
- **Contact Material:** Silver alloy (Gold clad)
- **Maximum Switching Voltage:** 220VDC, 250VAC resistive load
- **Maximum Switching Current:** 2A DC, AC resistive load
- **Switching Power:** 60W or 125VA resistive
- **Initial Contact Resistance:** 50mW (by voltage drop 6VDC 1A)
- **Contact Connect Times - Opening or Closing:** 6.5ms maximum with .5ms typical bounce time
- **Dielectric Strength:** 750VAC, 50/60 Hz for 1 minute between contacts of the same pole
- **Surge Withstand Voltage:** Conforms to Part 68 of FCC Regulations
- **Service Life:** 5 x 10<sup>5</sup> minimum operations at rated current

### **VME Specifications**

- Conforms with VME Specifications Revision C.1 IEEE Std. 1014-1987
- **Board size:** 6U

### **Power Requirements**

- +5VDC ( $\pm 5$  percent), 4A maximum

### **Environmental**

- **Operating Temperature:** 0 to 55 °C
- **Storage Temperature:** -20 to 85 °C
- **Shock:** 25g, 11ms on all axis
- **Humidity:** 80% Rel. Humidity, non-condensing



**The MVME2210 64 Channel Relay Module is a drop-in-replacement for the GE-IP VMIVME-2210**

### **Features**

The MVME2210 relay module has 64 relay channels with each having latching contact that will hold their state with power off. Available in Latching or non-Latching versions.

- Conformal coating is standard on all units.
- Conduction-cooled version available

As with all Merlin Embedded DIR products, the MVME2210 has the same, or better, functional performance than the product it is replacing. All Merlin Embedded products are backed by a 2-year warranty and 15 years of life-cycle support. The user will not have to take on any obsolescence issues when utilizing Merlin Embedded products.

### **Merlin Embedded**

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