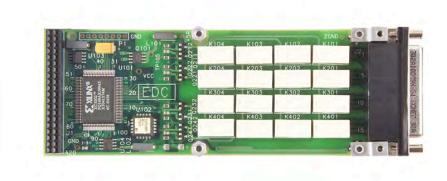


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M225 Quad 4 x 1 Multiplexer M Module

The M225 provides 16 independent latching SPST switches configured as quad 4 x 1 multiplexers. The switches have maskable interrupts that occur when the requested relay movements have been made. The module also has a FIFO for storing up to eight relay operations. This M Module is useful when instrument multiplex switching is needed in your system.

Specifications:

Inputs:

Maximum Voltage (terminal to terminal or chassis)**

DC: 60V/200V AC rms: 48V/125V AC peak: 68V/175V

Maximum Current (non-inductive) Per Switch/Per Module:

DC: 2A/8A AC peak: 2A/8A

Maximum Power Per Switch/Per Module:

DC: 50W/200W AC: 50VA/200VA

DC Characteristics**:

Thermal Offset: <3mV (typical) Contact Resistance: $<0.2\Omega$ Insulation Resistance: 10E8 Ω

** See manual for conditions

AC Characteristics:

Bandwidth (-3dB): >10 MHz (typ)

Crosstalk (typical)

<100 KHz: <-64 dB <1 MHz <-44 dB <10 MHz <-24 dB

Closed channel capacitance:

Ch-to-Ch: <15 pF (typical) Ch-to-com: <25 pF (typical)

Typical Relay Life at Rated Load:

10E5 operations

Time to open or close: 8 msec

Connectors: 44 pin DSUB (Female)

Temperature:

Operating: 0°C to 55°C Storage: -40°C to 75°C

Power: +5V @ 0.2 A

M Module Compliance

Complies with ANSI/VITA Std 12-1996 for single-wide M Modules.

Data Transfers 8 bit
Interrupts INTC

Compatible with VXI, VME, PCI, PXI, CPCI & Ethernet Carriers

Applications

- · LF Signal Multiplexing
- Common Ground Multiplexer

Ordering Information

Part Number 11029600-0001

Additional Information

User Manuals for C&H carriers and this module can be found on our website at www.chtech.com.