



M220 Dual 8 x 1 Multiplexer M Module

The M220 (formerly Agilent E2272A) provides 16 independent latching DPST switches configured as dual 8 x 1 multiplexers or a single 16 x 1 multiplexer. These two wire 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 signals 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:	<3_V (typical)
Contact Resistance:	<0.2_
Insulation Resistance:	10E8 _

** 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-Ch:	<20 pF**
Hi-Lo:	<40 pF**
Ch-chassis:	<75 pF**

Typical Relay Life at Rated Load:

10E5 operations

Time to close or open: 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
- Multiplexer front or back end for the M219 Matrix

Ordering Information

Part Number 11029550-0001

Additional Information

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