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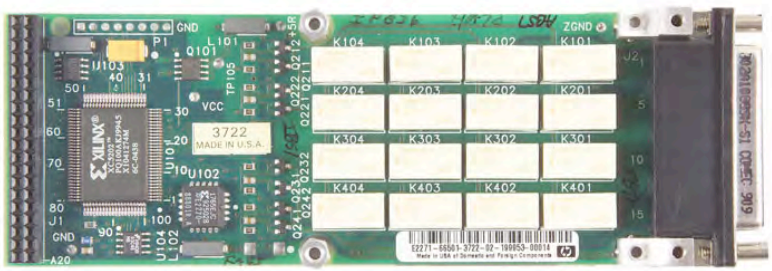
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Find the *Keysight / Agilent E2271A* at our website: ***Click HERE***

C&H Technologies, Inc. • 445 Round Rock West Drive • Round Rock, TX 78681-5012

(512) 733-2621 • FAX (512) 733-2629 • www.chtech.com



M219
4 x 4 Matrix Switch
M Module

The M219 (formerly Agilent E2271A) provides 16 independent latching DPST switches Configured as a 4 x 4 matrix. 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 matrix 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:	<3_V (typical)
Contact Resistance:	<0.3_
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:

Hi-Lo:	<40 pF (typical)
Hi-Chassis:	<60 pF (typical)
Lo-Chassis:	<60 pF (typical)

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 Switching
- Instrument Matrix with Kelvin switching

Ordering Information

Part Number 11029540-0001

Additional Information

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

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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