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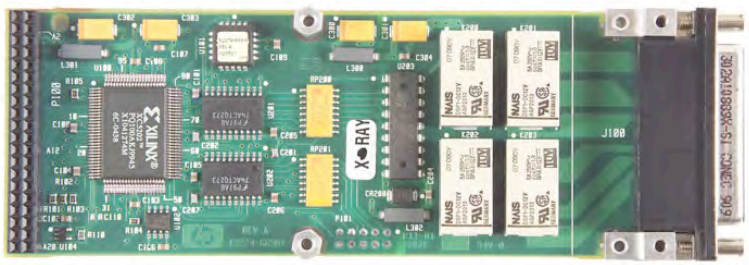
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C&H Technologies, Inc. • 445 Round Rock West Drive • Round Rock, TX 78681-5012

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



M222
4 Channel Form C Power Switch M Module

The M222 (formerly Agilent E2274A) provides 4 independent non-latching SPDT switches with maskable interrupts that occur when the requested relay movements have been made. This M Module is useful when high integrity contacts are needed for controlling power supplies or other higher current loads.

Specifications:

Inputs:

Maximum Voltage (terminal to terminal or chassis)**

DC:	60V/125V
AC rms:	48V/141V
AC peak:	68V/200V

Maximum Current (non-inductive) Per Switch:

DC:	5A
AC peak:	5A
AC rms:	3.5A

Maximum Power Per Switch/Per Module:

DC:	100W/300W
AC:	100VA/300VA

DC Characteristics**:

Thermal Offset:	<20_V (typical)
Contact Resistance:	<0.03_
Contact Resistance (EOL):	<2.0_
Insulation Resistance:	10E8 _

** See manual for conditions

AC Characteristics:

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

Crosstalk (typical)

<100 KHz:	<-80 dB
<1 MHz	<-60 dB
<10 MHz	<-40 dB

Closed channel capacitance:

Ch-to-ch:	25 pF (typical)
Ch-to-com:	60 pF (typical)

Typical Relay Life at Rated Load: 3.5 x 10E4 operations

Time to open or close: 16 msec

Connectors: 44 pin DSUB (Female)

Temperature:

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

Power: +5V @ 0.02 A

+12V @ 0.09 A

M Module Compliance

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

Data Transfers	16 bit
Interrupts	INTC

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

Applications

- Control of Power Supplies
- Control of higher current loads

Ordering Information

Part Number 11029570-0001

Additional Information

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

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