



M224 16 Bit Isolated Digital Output M Module

The M224 (formerly Agilent E2291A) provides 16 isolated open-collector digital outputs in four groups of four. Each group of four requires its own external +5V supply. If isolation is not required, a single supply may be used. The module also has the ability to generate an interrupt based upon a programmable delay from the output command; thereby accounting for relay settling time.

Specifications:

Output Characteristics:

- Number of channels: 16
- I_{out} (High): 0mA (source)
- I_{out} (Low): 200 mA (sink)
- Output type: Open Collector
- Maximum voltage: 36 V
- Saturation V_{CE} (DC): <0.5 V
- Isolation Voltage (DC): 60 V
- Programmable Busy Time:
0.031875 msec to 2089 msec
- Default Busy Time: 13 msec
- User supplied isolated power:
 - +5 V: Up to 4, One per group of 4 O/Ps
 - Other: Source for ext. device

Bit Addressing Options:

Each channel is individually set

Connectors:

44 pin DSUB (Female)

Temperature:

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

Power:

+5V @ 0.2 A
Plus external supplies

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 external relays
- Isolated digital outputs

Ordering Information

Part Number 11029590-0001

Additional Information

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