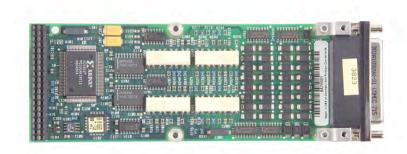


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# M224 16 Bit Isolated Digital Output M Module

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<sub>out</sub> (High): 0mA (source)
I<sub>out</sub> (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.