AMi4000 M/MA Module Carrier

The AMi4000 is an M Module carrier and forms the basis of a flexible I/O system. It offers the user a means of integrating a mix of M Modules in a VMEbus system.

The interrupt controller on the AMi4000 has an interrupt vector register for each M Module interface. If a module is able to generate its own vector, the AMi4000 simply passes the interrupt request to the VMEbus. Interrupts for each M Module can be masked separately. The level on which an interrupt is issued to the VMEbus, is selectable by setting a DIP-switch. This is valid for all four M Module interfaces.

Specifications:

Number of M/MA Modules Carried:
• Four (4) M or MA Module

M/MA Module Interface:
• A08, D08/D16

Interrupts: INTA/INTB/INTC

Interrupt Control:
• Enable/Disable per M Module Slot
• Programmable Interrupt Vector per slot

Input/Output: M Module Connector

Additional Information

This product is distributed in the United Sates by C&H Technologies, Inc.

Interrupt Types: RORA
ROAK

Temperature:
Operating: 0°C to 60°C
Storage: -20°C to 70°C

Power: +5V @ 300mA
+12V @ 0mA
-12V @ 0mA
(without M Modules)

Ordering Information

Description
AMi4000 M/MA Module Carrier

Part Number 11028390-0001

VMEbus Compliance

Complies with ANSI/IEEE Std 1014-1987 when P2 not used

A24/A16, D16/D08(EO)

D08(O) (DYN) Interrupt Vector (vector unique per module)

I(x) Interrupt Level

Applications

• Up to four (4) M Module types in a single VME slot.

• Port customer interfaces from ITA to a VME slot.

• VME ATE & data acquisition "glue logic".