



AMi3002 M/MA Module Carrier

The AMi3002 M-Module Carrier for 3U PXI and Compact PCI (cPCI) bus features a compact high-performance PCI bus gateway to the M-Module interface. Two M-Module mounting sockets are provided by this carrier.

The cPCI interface is PCI Specification 2.2 compliant, Slave Only. The PCI to M-Module bridge is implemented using the PCI9030 PCI Bus Target Interface Chip, by PLX Technology, Inc.

CAUTION
This product requires a PXI/cPCI Chassis with replaceable card guides per the Eurocard mechanical specification

Specifications

Number of M/MA Modules Carried:

- Two (2) M or MA Modules

M/MA Module Interface:

- A08/A24, D16/D32

M Module Interface Operation:

- Asynchronous to PCI Clock

Interrupts: INTA

Input/Output:
Provided by M-Module

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

Triggers

- PXI triggers 0 through 5 may be routed to M TRIGA & TRIGB

Software Support

- ANSI C Applications Library
- Applications Examples
- PLX Mon to provide user control over PCI9030

Ordering Information

Description
AMi3002 M/MA Module Carrier

Part Number 11029140-0001

PCI Compliance

Complies with PCI specification 2.2 for Target Interfaces

Bi-directional FIFO for zero wait-state operation

Configurable for memory mapped and I/O mapped operation

Applications

- Two M-Module instruments or interfaces in a single PXI/cPCI slot.
- Port customer interfaces from ITA to a PXI or cPCI slot.
- PXI or cPCI ATE "glue logic".

Additional Information

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