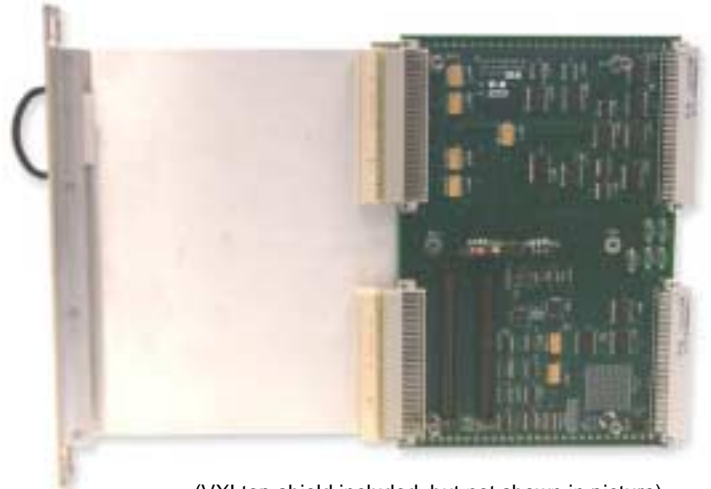## PRODUCT INFORMATION

Active VME and B-size VXI Module Carrier Model VX402C-64

This product is manufactured by C&H Technologies, Inc. and exclusively distributed by Racal Instruments, Inc.

The VX402C-64 allows a 3U or 6U VME, VXI (A or B), or VME64 module to be used in a C-size VXI mainframe chassis. The carrier provides an actively buffered electrical interface for the standard bus signals. The carrier does not support the full VME64 bus extension. However, version -0001 provides +3.3V power to the P1 row D VME64 extension. The carrier and its enclosure have been designed so that the front panel of the VME module sits flush with the front panels of other C-size modules.

(VXI top shield included, but not shown in picture)

SPECIFICATIONS

Electrical

Active logic allows compliance with VME/VXIbus driving and loading specifications

Provides VME64 +3.3 V power and grounds (-0001 only)

Provides direct access to the front panel I/O connections

Provides buffered data, address, interrupt, and trigger lines (ECL and TTL)

Includes direct SUMBUS connections and a prototyping area

Pass-through connectors and cable allow the VME P2 connector to be connected or isolated from the VXI P2 backplane

Temperature

Operating: 0° C to 50° C
Storage: -40° C to 70° C

Mechanical

Mates with VXI, VME, and VME64 rear connectors

VXI shielding provided

Occupies one slot in a VXIbus C-size mainframe

Slot in front panel allows extension of VME P2 signals to front panel (cable not included)

Power (typical*)

-0001 version
+5 V: 300 mA
+12 V: 70 mA
+3.3 V source: 6.0 A max.
-0002 version
+5 V: 100 mA
+12 V: 70 mA

*Does not include power required by module installed.

Ordering Information
Part Number

With 3.3 V supply: 11028500-0001
W/out 3.3 V supply: 11028500-0002

VXIbus Compliance

Complies with VXIbus Spec. Rev. 1.4 for single-slot C-size modules and with the VMEbus Spec. ANSI/IEEE STD 1014-1987, IEC 821 and IEC 822
Addressing: A/32/A/24/A16
Data Transfers: D32/D16 Slave
Interrupts: Supported
Triggers: Supported

Applications

VXI A or B-size to VXI C-size
VME module to VXI chassis
+3.3 V supply to VME 64 module

1.0 - 2/03

The Racal Instruments and C&H Technologies policy is one of continuous development and consequently the equipment may vary in detail from the description and specification in this publication.