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

VX402C-64 Active Module Carrier

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 extension bus; however, some versions provide +3.3V power to the P1 Row D VME64 connector. 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.

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:	A32/A24/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
- +3.3V supply to VME64 module

Ordering Information

Part Number: 11028500-xxxx
- -0001   3.3V supplied from VXI +5V
- -0002   without 3.3V supply
- -0003   3.3V supplied from VXI -24V
- -0004   3.3V supplied from VXI +24V

Additional Information

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

Specifications:

Electrical:

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

- Provides VME64 +3.3V power and grounds (except -0002)

- All VXI power supplies are fused

- 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 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)

VXI Power Consumption:
+5V	300 mA (max)*
-5.2V	100 mA (max)
-2V	10 mA (max)
±12V	0
±24V	0*

* Does not include power required by installed module or +3.3V power converter

+3.3V/+5V VME64 Supply:

- -0001 version provides up to 34W for the combination of +3.3V and +5V power

- -0002 version provides up to 34W of +5V power (no +3.3V power supplied)

- -0003 & -0004 versions provide up to 34W of +5V power and up to 21W of +3.3V power