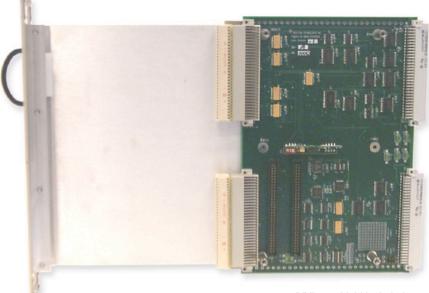


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(VXI top shield included, but not shown in picture)

# **Specifications:**

## Electrical:

- Active logic allows compliance with VME/VXIbus driving and loading specifications
- Provides VME64 +3.3V 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 Csize 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	Û
+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

# 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.