Racal Instruments™
VX405C
M/MA-Module Carrier

The Racal Instruments™ VX405C carrier provides the mechanical and electrical interfaces between the VXIbus and up to six (6) VITA 12-1996 standard M/MA-Modules.

Key Features

- **Multiple interface types in a single VXI slot**

- **Multiple instruments (DMM, counter, pulse generator, etc) in a single VXI slot**

- **Multiple serial protocol test (RS232, 422, 485, 1553, 429)**

- **VXI ATE "glue logic"**

Product Information

The VX 405C carrier provides VXI register configuration and access to the M/MA-Module I/O space and memory (if present). Each M/MA-Module is controlled separately and appears as a different logical address in the VXI environment.

Over 100 M/MA-Modules are available that can provide custom interfacing to the Unit Under Test (UUT). Up to six (6) unique interfaces may be provided in a single VXI slot.

ASTRONICS
TEST SYSTEMS

Specifications

Note: The Astronics Test Systems policy is one of continuous development and improvement. Consequently, the equipment may vary in detail from the description and specifications in this publication.

Number of M/MA-Modules Carried

- Up to six (6); each appears as an independent VXI instrument

Unique Logical Address for each M/MA-Module

- Can be configured for sequential numbering or Modulo-8 numbering for HP/Agilent Command Module compatibility

M/MA-Module Triggers

- TRIGA or TRIGB of M/MA-Module may be connected to any VXI TTL Trigger under software control

M/MA-Module Interrupts

- Each module interrupt can have a software programmable VXI IRQ level

M/MA-Module Identification

- M/MA IDENT function supported

Connectors

- Each M/MA-Module has its own front panel and connectors

Indicators

- MODID
- SYSFAIL
- M/MA-Module Access (6)

Power

- +5 V @ 1.3 A typical plus M/MA Power
- +12 V and –12 V provided to the M/MA-Module but not used by the carrier

VXIbus Compliance

- Complies with ANSI/IEEE Std. 1014-1987, IEC821, and VXIbus Rev 1.4
- A16/24/32:D8/16/32 Slave
- SYSFAIL: Supported
- Interrupts: ROAK, programmable levels
- BRX tied to BGX
- TTL Triggers: Supports I/O synchronous (SYNC) trigger protocol
- Form Factor: C-size

The CE Mark indicates that the product has completed and passed rigorous testing in the area of RF Emissions and Immunity to Electromagnetic Disturbances, and complies with European electrical safety standards.
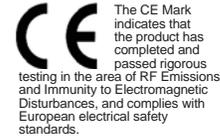
Ordering Information

408220-0001 : Racal Instruments™ VX405C

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