

VX405C103 Integrated 32-Channel Event Detector

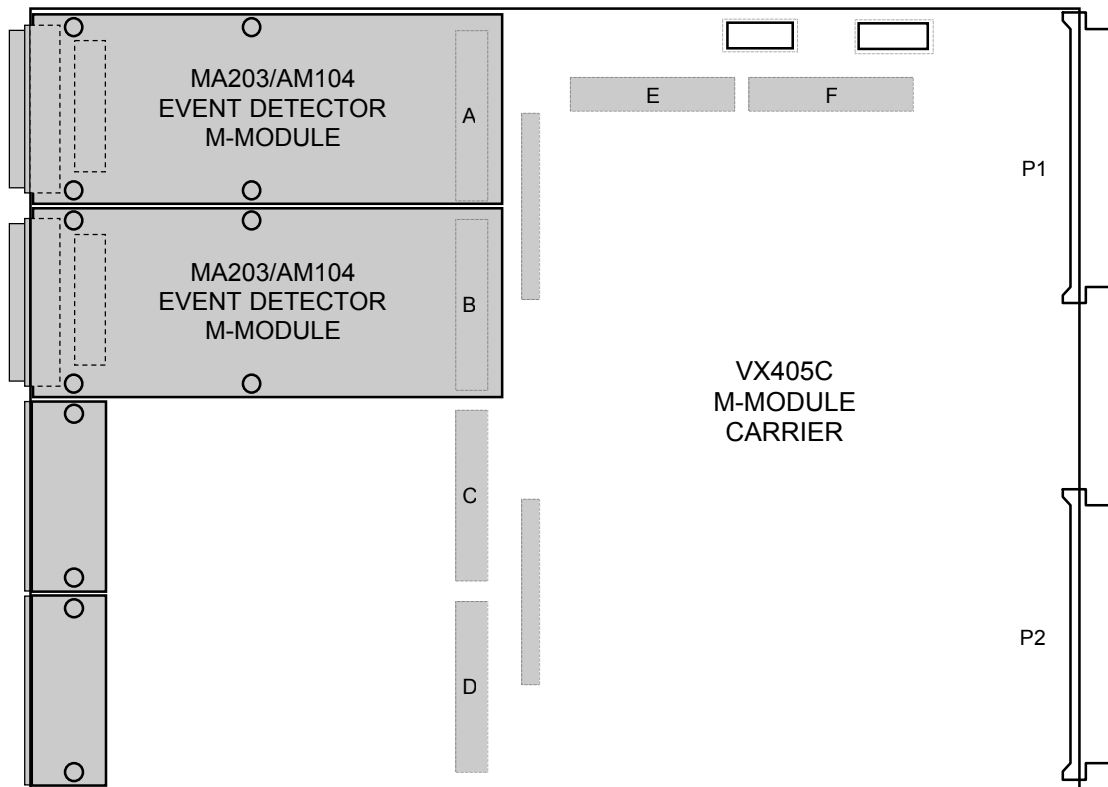
Assembly P/N 11028740

DESCRIPTION

The VX405C103 is a single-slot C-size VXI module that provides 32 channels of event detection. The module is an integration of several standard C&H products as shown below. The two MA203 modules configured with AM104 accessory modules each provide 16 channels of event detection. The VX405C provides the electrical and mechanical interface to a VXI backplane and chassis.

Input options are:

- 0001 +5V Optocoupled Input
- 0002 +28V Optocoupled Input
- 0003 Contact Closure Sensing
- 0004 Individual Programmable Threshold



MECHANICAL

The mechanical dimensions of the module are in conformance with the VXIbus specification Rev. 1.4 for single slot 'C' size modules. The nominal dimensions are 233.35 mm (9.187 in) high x 340 mm (13.386 in) deep.

ENVIRONMENTAL

Operating Temperature:	0°C to +55°C
Storage Temperature:	-40°C to +75°C
Humidity:	<95% without condensation

DOCUMENTATION

This document discusses the use of the integrated module. For full details on each of the individual modules used in the VX405C108, please refer to the User Manual for that particular module. The document part numbers for the various modules are:

<u>Module</u>	<u>User Manual Part Number</u>
VX405C	11027055
MA203 w/AM104	11028104

CONFIGURATION

Default VX405C Factory Settings

Logical Address:	8
Base (Modulo):	1
Address Space:	A32
Slot Enable:	A & B positions enabled

Default MA203 Factory Settings

EXTCLK Impedance:	50 Ω
EXTCLK Threshold:	TTL (1.8V)
EXTRUN Impedance:	50 Ω
EXTRUN Threshold:	TTL (1.8V)

Using the default factory settings, the logical addresses (LA) of the modules will be in consecutive order beginning with logical address 8 (i.e., position A = 8 and position B = 9). Refer to the MA203 User Manual for details on programming the MA203s located in positions A and B. Refer to the VX405C User Manual for more programming details.

I/O CONNECTOR

The I/O connections vary depending on the AM104 option installed. Please refer to the MA203 User Manual for details.