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## IndustryPack® Carrier Module for VXI Model VX403

The VX403B and VX403C are B- and C-size carriers that provide mechanical and electrical interface for four (4) IndustryPack® modules (IPs). Each carrier provides VXI register configuration and access to the IP's ID PROM, I/O Space, and memory (if present). Each IP is controlled separately and appears as a different Logical Address in the VXI environment. Over 250 different IPs are available that may be used to provide custom interfacing to a unit under test (UUT). Up to four (4) unique interfaces may be provided in a single VXI slot.

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## SPECIFICATIONS

### Number of IPs Carried

Up to four (4). Each appears as an independent VXI instrument.

### IP Strobe Signal/VXI Trigger

VXI TTL trigger lines can be used to trigger or clock an IP that utilizes the input strobe signal. Jumper configuration provides the flexibility to have any of the eight trigger lines controlling any combination of the resident IPs' strobe inputs. IP synchronization can be accomplished by connecting a single trigger line to all IPs present.

### Interrupt Handling Capability

Each of an IP's two (2) interrupts can be independently programmed to any interrupt level. Individual IPs provide their own interrupt vector and interrupt request release (RORA or ROAK) capability allowing independent control of interrupts.

### Connectors

Four (4) Industry Standard 50-pin IDC Sockets (0.100" x 0.100")  
One (1) per IP

### Indicators

MODID  
SYSFAIL  
IP ACCESS (4)

### Power

+5 V @ 1.2 A typical Plus IP Power  
+12 V Provided to IPs, but not used by carrier

### VXIbus Compliance

Complies with ANSI / IEEE Std. 1014-1987 and VXIbus Rev 1.4  
A16:D16 DTB slave  
Fully programmable interrupts  
BRX tied to BGX  
Form factor: B- or C-size

### Applications

Multiple interface types in a single VXI slot  
Port customer interfaces from ITA to a VXI slot  
VXI ATE "glue logic"

### Ordering Information

#### Carrier Module

B-size: 11027000-0001  
C-size: 11027040-0001