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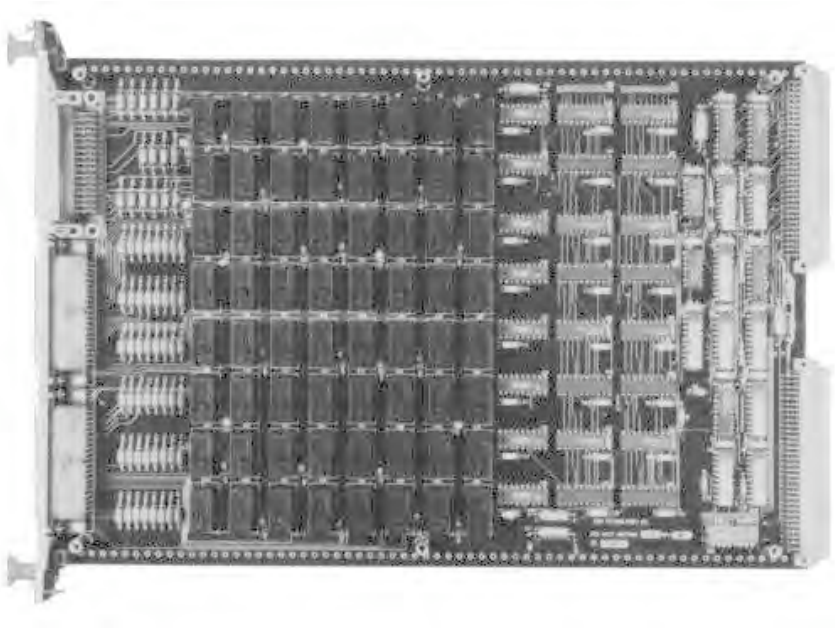
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Find the *Astronics / C&H Technologies VX414C* at our website: ***Click HERE***

C&H Technologies, Inc. • 445 Round Rock West Drive • Round Rock, TX 78681-5012

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VX414C
SPST plus SPDT Switching Module

The VX414C 16/48-Channel Switching Module is a C size, Register based switching card that provides 16 channels of SPST (Form-A) switching and 48 channels of SPDT (Form-C) switching. The 16 Form-A channels are rated for up to 5 amps and the 48 Form-C channels are rated for up to 2 amps. MODID and Board Select indicators are included. Module is equipped with BIT capability and shielding.

Specifications:

Maximum Input Voltage:
Terminal to Terminal:
250 Vdc or ac_{rms}
Terminal to Chassis:
250 Vdc or ac_{rms}

Maximum Switchable Voltage:
100 Vdc, 250 Vac_{rms}

Maximum Switchable Current:
(DC or AC_{rms}):
Form A: 5A (125 Vac, 30 Vdc)
Form C: 2A (125 Vac, 30 Vdc)

Maximum Switchable Power:
Form A: 625 Va
Form B: 250 Va

Closed Channel Resistance:
Initially ≤ 0.1 Ω

Insulation Resistance
(between any two points):
$>10^8\Omega$

Relay Life (operations):

At rated load 1×10^7

Relay Operative Time:

6 msec (typical)

Relay Release Time:

4 msec (typical)

Power Up/Down States:

Normally open contact is open.

Power: +5V @ 1.0A typical
+12V @ 1.5A typical

Ordering Information:

Description	Part Number
VX414C	11027680-0001

VXIbus Compliance

Complies with ANSI/IEEE Std. 1014-1987 and VXIbus Rev 1.4

A16:D16 DTB Slave

Register based

No Interrupts

IACKIN tied to IACKOUT

BRX tied to BGX

Form Factor: Size C

Built-in test via register feedback

Applications

- Power Switching
- Control
- LF Signal Switching

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