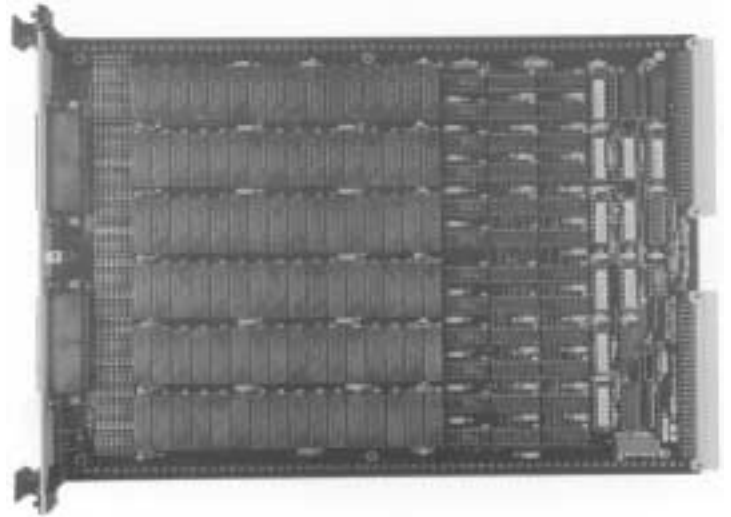


This product is manufactured by C&H Technologies, Inc. and exclusively distributed by Racal Instruments, Inc.

24 Channel 1x4 Multiplexer Module Model VX415C

The VX415C is a C-size, register-based switching card that provides 24 channels of 1x4 multiplexers with Mercury wetted 2A relays. User connections to the module are through two (2) AMP HD-22 78 position receptacle type connectors. MODID and Board Select indicators are included. Module is equipped with BIT capability and shielding. The VX415C is a drop-in replacement for the obsolete AD Data 230118-112.



SPECIFICATIONS

Maximum Input Voltage

Terminal to Terminal: 250 VDC or AC_{rms}
Terminal to Chassis: 250 VDC or AC_{rms}

Maximum Switchable Voltage

250 VDC, 250 VAC_{rms}

Maximum Switchable Current (DC or AC_{rms})

Per Contact: 2 A
Per Module: 25 A

Maximum Switchable Power

Per Contact: 50 W
Per Module: 625 W

Closed Channel Resistance

>100 mA: <0.085 Ω
(relay plus connector)

Insulation Resistance (Between any two points)

>5 x 10⁹ Ω

Relay Life (operations)

Low Level: 10⁹
Rated Load: 5 x 10⁷

Relay Operate Time

Close: 1.5 msec (typical)
Open: 1 msec (typical)

Position Sensitivity

Vertical orientation ± 30°

Power Up/Down States

Contact is open

Power

+5 V @ 1.5 A (typical)
+12 V @ .5 A (typical)

VXIbus Compliance

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

A16:D16 DTB Slave

No SYSFAIL

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

Ordering Information

Part Number: 11027565-0001