Racal Instruments

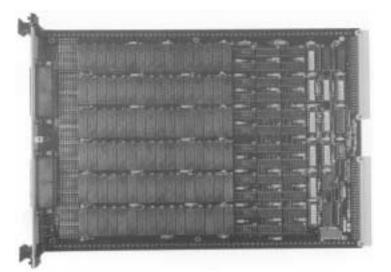
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PRODUCT

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.



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) $>5 \times 10^9 \Omega$

SPECIFICATIONS

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



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