Racal Instruments

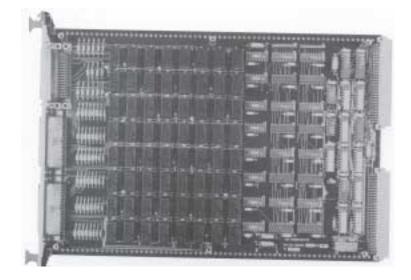
http://www.racalinstruments.com

PRODUCT

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

SPST plus Switching Module Model VX414C

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 110 VDC, 250 VAC_{rms}

Maximum Switchable Current

(DC or AC _{rms}) Form A: 5 A (125 VAC, 30 VDC) Form C: 2 A (125 VAC, 30 VDC)

Maximum Switchable Power Form A: 625 VA Form C: 250 VA

Closed Channel Resistance Initially $\leq 0.1 \ \Omega$

Insulation Resistance (Between any two points)

>10⁸ Ω

Relay Life (operations) At rated Load: 1 x 10⁷

Relay Operate Time 6 ms (typical)

Relay Release Time 4 ms (typical)

Power Up/Down States Normally open contact is open

Connectors-D-Type Receptacle Form A: One AMP HD-22 50-pin Form C: Two AMP HD-22 78-pin

Power

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

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

Ordering Information Part Number: 11027680-0001



Racal Instruments Inc., 4 Goodyear St., Irvine, CA 92618-2002. Tel: (800) RACAL-ATE, (800) 722-2528, (949) 859-8999; FAX: (949) 859-7139 Racal Instruments Ltd., 29-31 Cobham Road, Wimborne, Dorset, BH21 7PF, United Kingdom. Tel: +44 (0) 1202 872800; FAX: +44 (0) 1202 870810 Racal Instruments France, 18 Avenue Dutartre, 78150 LeChesnay, France. Tel: +33 (1) 3923 2222; FAX: +33 (1) 3923 2225 Racal Instruments Srl, Strada 2-Palazzo C4, 20090 Milanofiori Assago, Milan, Italy. Tel: +39 (0)2 5750 1796; FAX +39 (0)2 5750 1828



Racal Instruments GmbH, Technologiepark Bergisch Gladbach, Friedrich-Ebert-Strasse, D-51429 Bergisch Gladbach, Germany. Tel: +49 2204 8442 00; FAX: +49 2204 8442 19