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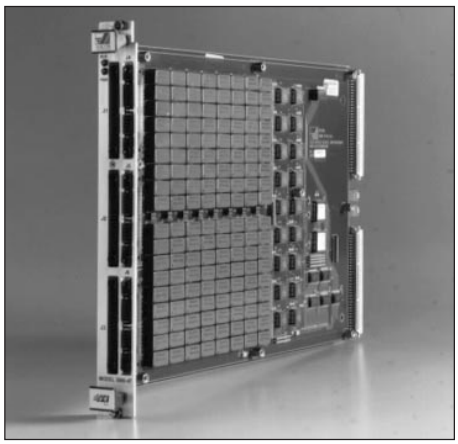
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Find the *Astronics / Giga-tronics / Ascor 3000-47* at our website: ***Click HERE***

MODEL 3000-47

ASCOR Model 3000-47
8x32 Switch Matrix (Shielded)



ASCOR's Model 3000-47 VXI Module is a high-density two-wire switch matrix designed for switching twisted shielded wire. The module provides high bandwidth and a high signal to noise ratio for the most demanding applications. This module is ideally suited for switching stimuli to a Unit Under Test (UUT) and the UUT test points to DMM's, oscilloscopes, network analyzers and other sensitive instruments. The module has outstanding signal characteristics to 90 MHz and beyond.

- ***The unit is a C size single slot VXI Module.***
- ***Standard 8 x 32 two-wire matrix or optional dual 8 x 16 two-wire matrices.***
- ***Bandwidth (-3db): >90 MHz Differential.***
- ***Fully Coaxially shielded relays.***
- ***All relays are shielded and connected to common shield plane.***
- ***High signal to noise ratio.***
- ***Switching voltage/current: 200 volts/0.5 amps.***
- ***Programming is register based:*** **VXI*plug&play*.**

High Performance, Greater Than 90 MHz, Two-Wire Switch Matrix

ASCOR has designed a comprehensive family of high density VXI Switching Modules tailored to allow maximum flexibility for the system integrator. ASCOR's proven experience in designing high performance, high density switching solutions is incorporated in this design. Ideal for switching high frequency stimuli and instrument signals to and from the UUT, the Model 3000-47 is a high density, two-wire switch matrix featuring ASCOR's individually shielded relay pairs, in a high bandwidth-high signal to noise ratio switch matrix.

High Density And Maximum Configurability

The ASCOR Model 3000-47 module is a high density module for supporting various high performance ATE test applications. The module has an 8 x 32 two-wire matrix or dual 8 x 16 two-wire matrices, with fully shielded relays over an analog ground. If you are concerned about the accuracy of your measurements, select ASCOR's VXI switch module for maximum signal fidelity. Each relay is independently programmable through the VXI registers. This register method provides ease of programming as well as higher performance and simplicity of programming.

Protecting Your Investment With VXIMAX™ 16/32

To address tomorrow's applications, requiring even greater capabilities, ASCOR's 3000-47 supports either 16-bit or 32-bit data bus paths through its VXIMAX 16/32 VXIbus interface.

ASCOR 3000-47 customers can upgrade to 32-bit from 16-bit with VXIMAX's field upgradability.

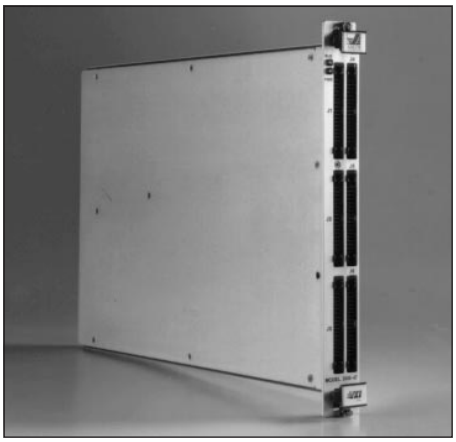


ASCOR INCORPORATED
A Giga-tronics Company

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MODEL 3000-47

ASCOR Model 3000-47
8x32 Switch Matrix (Shielded)



ASCOR's Model 3000-47 is the industry's finest high density VXI switch matrix module.

Self Testing

Like all ASCOR VXI Modules, the Model 3000-47 incorporates internal self test hardware which includes the ability to test, read back and verify the integrity of the program control circuitry.

All ASCOR VXI Modules also feature a unique built-in service record, for tracking repairs to the Module by time and date the repair was actually performed.

ASCOR also provides a 3 year limited warranty on all VXI Modules.

Quiet Ideas. Powerful Solutions.
ASCOR, founded in 1987 and headquartered in California's Silicon Valley, provides a complete line of VXI and PXI Switching and Digital Modules for industrial, medical, scientific and governmental automatic test applications. ASCOR VXI and PXI products are the quietest, cleanest, highest density modules commercially available.

Specifications

- VXI, single slot "C" size module
- Programming is register based **VXI*plug&play***
- VXI Power
  +5 volts @ 5.04 Amps (max.)
- Electrical:
  - -Maximum switching Voltage (DC, Vpeak, resistive) 200volts
  - - Maximum switching Current (DC, Vpeak, resistive) 0.5 Amps
  - - Maximum switching power 10 Watts
  - - Carry Current (Vdc, Vrms) 1.5 Amps
  - - Life Expectancy (Signal<1.0V; 0.01A) 1,000 x 10^6 cycles
- Path resistance <0.38 ohms
- Isolation >10^7 ohms
- Bandwidth (-3 dB) differential >90 MHz
- Crosstalk (channel to channel)
  - -@50 MHz <-45 dB
  - -@100 MHz <-42 dB
- Environmental Specification
  - - Temperature
    - Operating: 0° to 55° C
    - Storage: -40° to 75° C
  - -Relative Humidity
    - Operating: 10 to 90% non-condensing
    - Storage: 0 to 95% non-condensing

CE The CE Mark indicates that the product has completed and passed rigorous testing in the area of RF Emissions, Immunity to Electromagnetic Disturbances and complies with European electrical safety standards.

Ordering Information:

- ASCOR 3000-47
  - -VXI Module with standard single 8 x 32 two-wire matrix
- Option 01
  - -VXI Module with optional dual 8 x 16 two-wire matrices
- Installation Kit (includes hardware to mate with one module) PN: 89800430

Distributor Information:

ASCOR INCORPORATED
A Giga-tronics Company

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Telephone: (510)490-2300, Fax: (510)490-8493, Website: www.ascor-inc.com

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