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TECHNOLOGY GROUP

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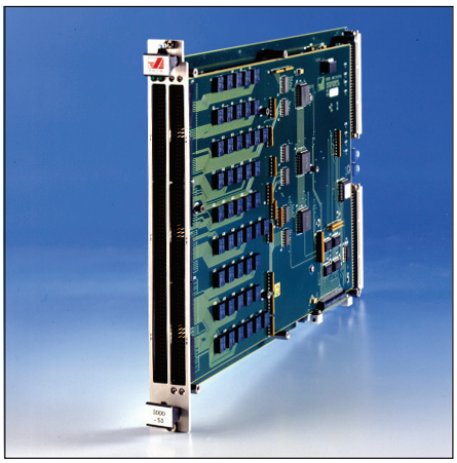
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Find the *Astronics / Giga-tronics / Ascor 3000-53* at our website: ***Click HERE***

MODEL 3000-53

ASCOR Model 3000-53 VXI Module

ASCOR INCORPORATED
A Giga-tronics Company



ASCOR's Model 3000-53 VXI Module is a high density general purpose switch module. This module is ideally suited for Unit Under Test (UUT) set up and power switching applications. The module can be configured with up to 96 form "C" relays Each relay is independently programmable.

- ***The unit is a C size Module.***
- ***Module programming is register based.***
- ***All relays are individually programmable.***
- ***The standard module has 96 SPDT form C relays.***
- ***Optional configurations are available in one, two and three wide modules; with up to 192 SPDT relays.***
- ***Capable of switching signals up to 250 volts RMS or DC @ 1 amp.***

High Density SPDT Switch Module:

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 test set up and power switching to the Unit Under Test(UUT) in general purpose ATE systems.

High Density and Maximum Configurability:

The ASCOR Model 3000-53 module is a highly configurable module for supporting various ATE test applications. The standard module comes with a motherboard containing the VXI interface, relay logic, and 48 SPDT form C relays. An accompanying daughter board, with an additional 48 SPDT form C relays, brings the total to 96. Each of the relays is independently programmable through the VXI registers. This register method provides ease of programming as well as higher performance.

Switching Capabilities and Reliability:

The ASCOR Model 3000-53 module is capable of switching a wide variety of signals. The module can switch signal up to 250 volts and 1 amp. The contact power rating is 63 watts.

Protecting Your Investment With VXIMAX™ 16/32

To address tomorrow's applications, requiring even greater capabilities, ASCOR's 3000-53 supports either 16-bit or 32-bit data bus paths through its VXIMAX 16/32 VXIbus interface. 3000-53 customers can upgrade to 32-bit from 16-bit with VXIMAX's



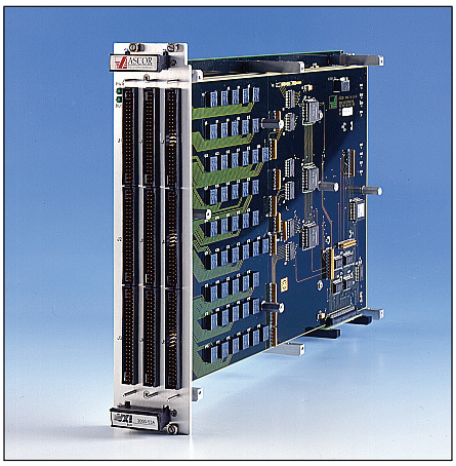
Giga-tronics

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MODEL 3000-53

ASCOR Model 3000-53
VXI Module

ASCOR INCORPORATED
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The Model 3000-53A is an expanded version (144 relays) of the 3000-53.

Specifications

- VXI "C" size module
- Programming is register based **VXI*plug&play***
- VXI Power: +5 Volts @ 4.67 Amps (max.)
- Electrical:
  - -Maximum switching Voltage (DC, Vrms, resistive) 220 volts
  - -Maximum switching Current (DC, Vrms, resistive) 1 Amp
  - -Maximum switching power 30 VA
  - -Carry Current (DC, Vrms, resistive) 1 Amp
  - -Life Expectancy (Signal<1.0V; 0.01A) 1,000,000 cycles
  - -Contact Resistance < 0.5 ohms
- Bandwidth (-3db): 5 Mhz Minimum

Environmental Specification

- Temperature
  - -Operating: 0 to 55 degrees C
  - -Storage -40 to 75 degrees C
- Relative Humidity
  - -Operating 10 to 90 % non-condensing
  - -Storage 0 to 95% non-condensing

Ordering Information:

- **ASCOR 3000-53 (One Slot)**
  - -VXI Module with 96 SPDT relays
- **ASCOR 3000-53A (Two Slot)**
  - -VXI Module with 144 SPDT relays
- **ASCOR 3000-53B (Three Slot)**
  - -VXI Module with 192 SPDT

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.

Self Testing

Like all ASCOR VXI Modules the Model 3000-53 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.

About Giga-tronics:
Giga-tronics Incorporated (Nasdaq "GIGA"), headquartered in San Ramon, California, is a leading engineering-and-design manufacturer of best-in-class RF and microwave synthesizers, power meters and broadband switching matrices. R&D, production and calibration managers, scientist, engineers and technicians, around the world, use Giga-tronics test equipment and achieve these benefits in many applications: ATE systems, aerospace & defense, telecommunications and general component test. Don't just test, Giga-Test your best products and systems by using Giga-tronics equipment.

Distributor Information:

Giga-tronics

4650 Norris Canyon Road, San Ramon, CA 94583-1320
Telephone: 800.726.GIGA (4442), Fax: 925.328.4700
Email: info@gigatronics.com, Website: www.gigatronics.com

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