

MODEL 3000-57

ASCOR Model 3000-57 High-Density, Dual Wire VXI Switch Matrix (Unshielded)



ASCOR's Model 3000-57 is a Dual Wire 4x64 Switch Matrix, designed for optimum signal versatility and ultra-high performance.

The Model 3000-57 utilizes ASCOR's VXIMAX™ 16/32 VXIbus interface to support either 16-bit or 32-bit data paths.

High Performance – Greater Than 40MHz

ASCOR has designed a comprehensive family of configurable VXI Switching Modules – each tailored to its specific function, in order to maximize customer flexibility.

The Model 3000-57 is a high-density, dual wire switch matrix.

High Density For Maximum Versatility

Designed for versatility in a shielded pairs environment, the 3000-57's 64 relays can be software controlled to meet any switch matrix requirement – all in a single slot module. To maintain maximum bandwidth, automatic destubbing circuits remove relays not in use.

While a single slot configuration is standard, requirements beyond 4x64 can be addressed by expanding the Model 3000-57 in 4x32 increments.

Protecting Your Investment With VXIMAX™ 16/32

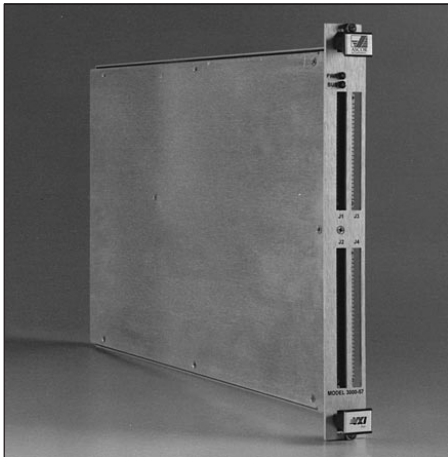
To address tomorrow's applications, requiring even greater capabilities, ASCOR's 3000-57 supports either 16-bit or 32-bit data bus paths through its VXIMAX 16/32 VXIbus interface.

3000-57 customers can upgrade to 32-bit from 16-bit with VXIMAX's field upgradability.



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The Model 3000-57 is designed for high speed switching, including differential signals.

Self Testing

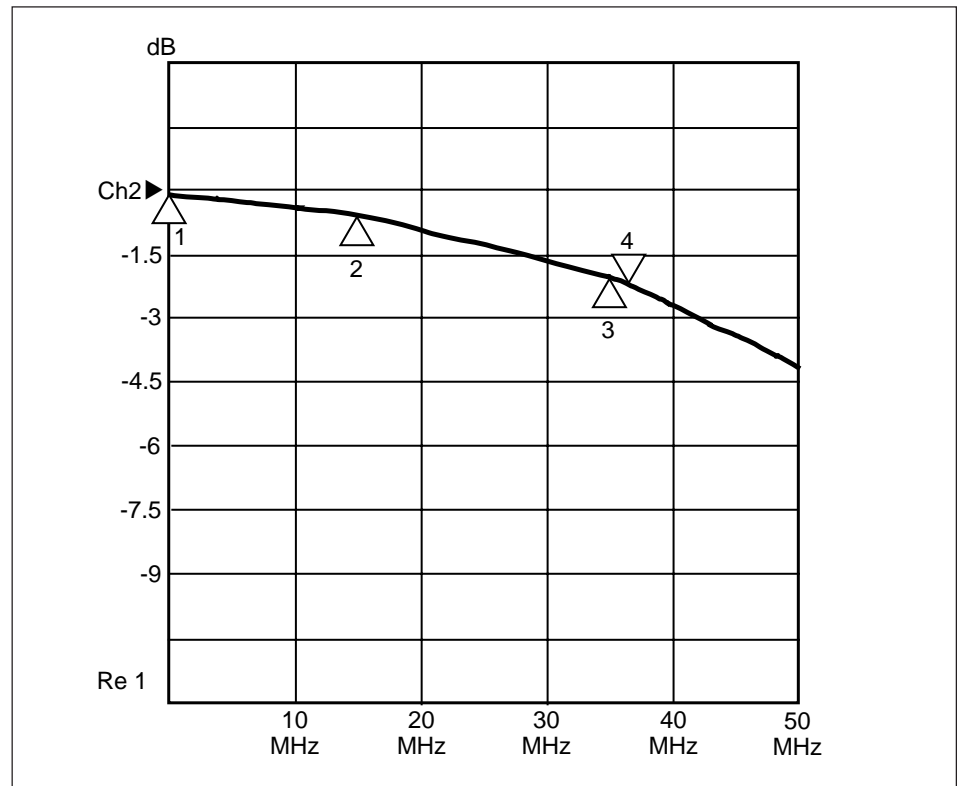
Like all ASCOR VXI Modules, the Model 3000-57 incorporates internal self test hardware which includes the ability to test, read back and verify the integrity of the program control circuitry, including the relay coils within the Module.

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.



The Model 3000-57 achieves industry-leading performance in excess of 40MHz at -3dB.

Specifications

- Voltage: 220 VDC Max
- Current: 2A Carry, 2A Switch
- Switching Power: 60 Watts
- Bandwidth: 45MHz at -3dB
- Char Impedance: 50 Ω
- Register-based
- VXI single slot "C" size module
- Programming is register based
- **VXIplug&play**
- VXI Power:
+ 5 Volts @ 3.85 Amps (max.)

Environmental Specifications

- 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.

Distributor Information:



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