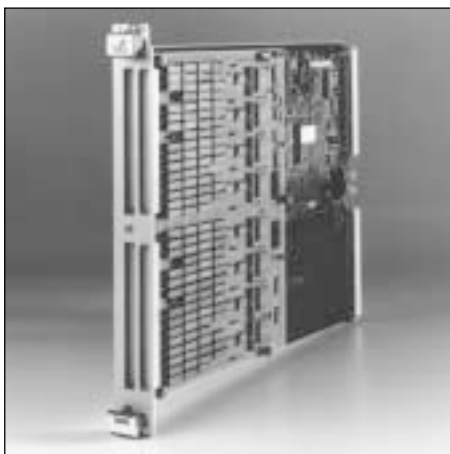


MODEL 3000-38

ASCOR Model 3000-38 VXI Multiplexer



ASCOR's Model 3000-38 single-slot, plug-and-play VXI Switching Module is a configurable, high-density, virtually noise-free Switch Tree – ideal for DMM applications, general scanning, or wherever a large number of channels with high signal isolation are required.

Channels are individually controlled for maximum versatility, and all relays are individually shielded and grounded for absolute minimal crosstalk and signal interference.

■ 1x256 Multiplexer single-wire configurable to dual-wire eight 1x8's.

Versatile Switch Tree Environment – Designed For Silence

ASCOR has designed a comprehensive family of pre-customized, low-noise VXI Switching Modules – each expertly tailored to its specific function, in order to minimize customer integration chores.

The Model 3000-38 provides a versatile, off-the-shelf Multiplexer environment that can be simply plugged-in and easily configured to meet particular, and evolving, switching needs.

The Model 3000-38 is designed for use with Digital Multimeters, or to function as a general purpose scanner – and is the ideal switching element in any measurement application where clean, transparent switching is a must.

Maximum Flexibility

The high-density Model 3000-38 can be software configured, without hardwiring, as a 1x256 Multiplexer or as a 16 1x8's. Each channel is individually controlled to provide maximum versatility – for example, more than one relay in each given tree can be closed at the same time.

The outputs can also be combined to make a single unshielded 1x256 Multiplexer.

Thus, in a single-slot module, customers gain an abundance of off-the-shelf, switching options.



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MODEL 3000-38

ASCOR Model 3000-38 VXI Multiplexer



ASCOR's Model 3000-38 Multiplexer is a highdensity, single-slot VXI module, configurable to provide a range of **low noise** (see chart at right) switching solutions.

Self Testing

Like all ASCOR VXI Modules, the Model 3000-8 incorporates internal self test hardware which provides the ability to test, read back and verify the integrity of the relay 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.

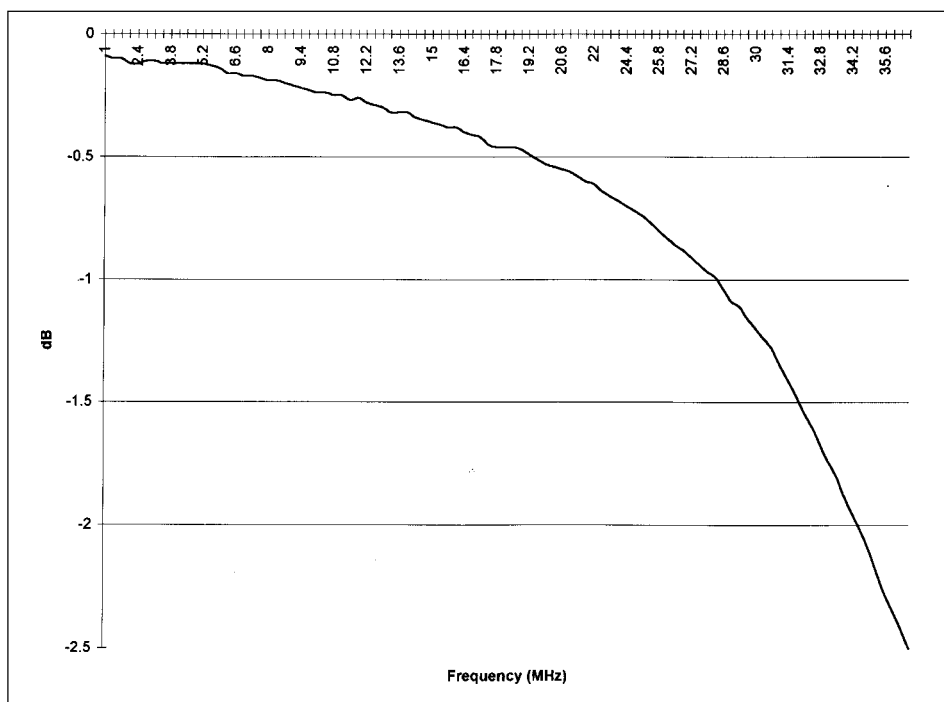
ASCOR also provides a 3 year limited warranty on all VXI Modules.

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



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Protecting Your Investment With VXIMAX™ 16/32

To address tomorrow's applications, requiring even greater capabilities, ASCOR's 3000-38 supports either 16-bit or 32-bit data bus paths through its VXIMAX 16/32 VXIbus interface.

3000-38 customers can upgrade to 32-bit from 16-bit with VXIMAX's field upgradability.

Specifications

- **VXI Power:**
 - +5 volts @ 3.87 Amps (max.)
- **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
- **Mating Connectors for one module:**
 - Installation Kit # 89800050-001

DC Parameters

- Closed Path Res: 530 Milliohms
- Current: 1 A Max
- DC Isolation: 10 Meg ohms
- Voltage: 250 VDC Max
- Switching Time: 5 mSec
- Power: 5 Watts Max

AC Parameters

- Bandwidth (50 Ohms): 40 MHz
- Thermal EMF: 60uV
- Crosstalk: -50dB at 10 MHz
- AC Voltage: 250 VAC MAX
- Register-based

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:

4384 Enterprise Place, Fremont, CA 94538
Telephone: (510)490-2300, Fax: (510)490-8493, Website: www.ascor-inc.com

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