

Capabilities

- 96 SPDT (1-slot)
- 144 SPDT (2-slot)
- 192 SPDT (2-slot)
- Voltage Max = 220VDC, 250VAC
- Current Max = 1A (carry)
- Bandwidth = 5MHz

Product Description

The 3000-53 provides 96 SPDT Switches in a small space. This module provides the highest density general purpose switch, ideal for general purpose switching. The 3000-53 has been designed with several exceptional features that make it stand out from competitive products.

■ **6U Form Factor** – the larger 6U form factor will accommodate 3-4 times the number of relays as 3U PXI products eliminating the need to build switching structures across boards decreasing Bandwidth.

■ **Stackable Daughter cards** – This allows the card to be sized for the application. The number of relays can be expanded by simply adding additional daughter cards.

■ **Dual Row Connectors** – Selected for reduced cost allowing the use of inexpensive Ribbon Cables.

Recommended Uses

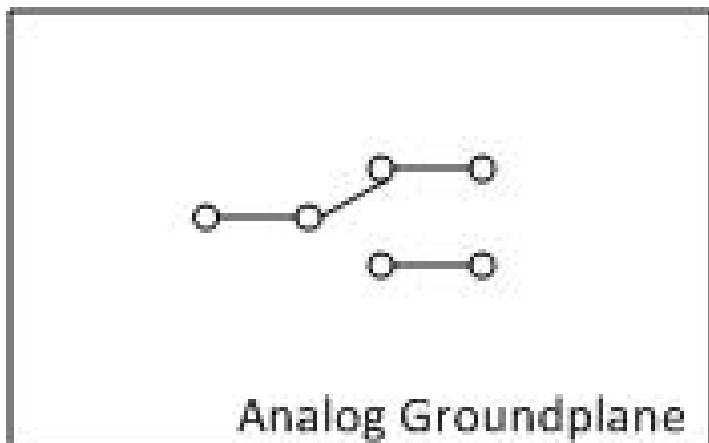
- **General Purpose switching** – the ease of expansion using this module makes it ideal for all general purpose low frequency switching applications.

**Low Cost GT-8300A 3U chassis
with LAN and IEEE-488 Control**



www.gigatronics.com | inquiries@gigatronics.com
800.726.4442 (USA) | +1 925.328.4650 (International)

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Typical Diagram for one SPDT Relay

- All ASCOR cards have built-in circuitry to verify both the control signal from the programming register, as well as verifying the relay coil is intact.
- All Switching modules feature built-in memory to maintain the service record of the unit with time stamping.
- All Modules carry a full 3 year Warranty

Specifications

Electrical

- Voltage Max = 220VDC, 250VAC
- Current Max = 1A (carry)
- Power Max = 30VA
- Contact Resistance < 0.5Ω
- Bandwidth > 5MHz

Environmental

Temperature

- Operating 0° to 50°C
- Storage -40° to 75°C

Humidity (non-condensing)

- Operating 10 to 90%
- Storage 0 to 95%

Mechanical

- "C" size VXI

Ordering Information

Model #	Description	Manufacturer #
3000-53	96 SPDT Switch Module, 5MHz (1-slot)	90400530
	Set of Mating connectors for one Module	89800450
3000-53	Set of Pigtail Cables for one Module	89800450-002
3000-53A	144 SPDT Switch Module, 5MHz (2-slot)	90400530-101
	Set of Mating connectors for one Module	89800450-001
3000-53B	192 SPDT Switch Module, 5MHz (2-slot)	