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Find the *Astronics / Giga-tronics / Ascor 3000-62* at our website: ***Click HERE***

Model 3000-62

128 CHANNEL TTL I/O MODULE



Capabilities

- Configurable in 128ch bi-directional increments up to 256 in a 1-slot module or 512 in a 2-slot module
- Terminations available
  330/680Ω
  1KΩ Pull up
  High Current (32ma Source, 64ma Sink)

Product Description

The 3000-62 provides 128 Channel of Bi-Directional TTL I/O. This module can also be expanded in 128 Channel increments to 256 in a 1-slot module, and up to 512 channels in a 2-slot module. The 3000-62 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.

- **Scale-able Construction –** This module can be expanded in 128 Channel Increments up to 256 channels in a 1-slot module or 256 channels in a 2-slot module.

- **Termination Options –** Various termination options are available for different applications. Each 128 Channel Module can be setup with different Terminations as required.

- **Serial/Parallel Data Bus –** This module will support data rates of up to 2 Million read or write operations per second.

Recommended Uses

- **UUT Interfacing and Control** – Terminations can be customized to meet UUT requirements.
- **External Switching Control** – High Current option can be used to control external Coaxial Switches.

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



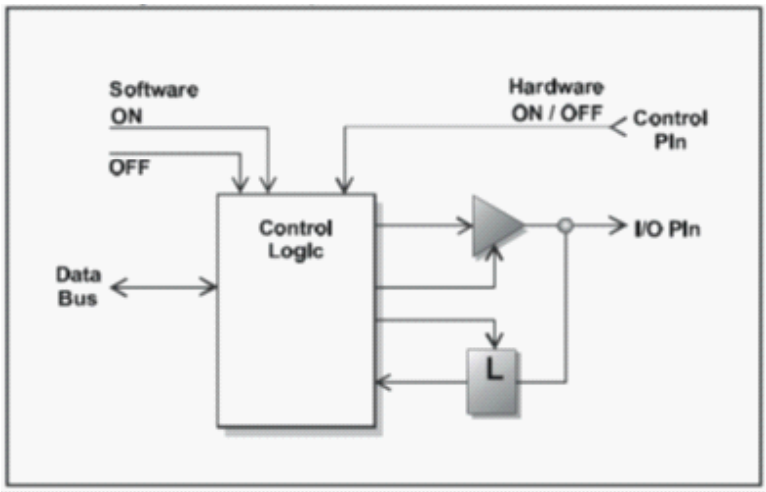
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Model 3000-62

128 CHANNEL TTL I/O MODULE



Typical Driver Channel

- 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

- 128 Channels Bi-Directional I/O Tri-State, Latching, Expandable in 128 Ch Increments
- Standard Terminations
  330/680Ω
  1KΩ Pull up
  High Current (32ma Source, 64ma Sink)

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 #
3000-62	128 Channel TTL I/O (1-slot Motherboard), Specify Termination	90400840
3000-62 Opt 1	Additional 128 Channel TTL I/O, 256 Total, Specify Term	90400840-001
3000-62 Opt 1	Set of Mating connectors for one Module	89800470
3000-62 Opt 2	128 Channel TTL I/O (1-slot Motherboard) with 96Ch Daughterboard (32 CMOS & 32 OC & 32 Diff Drivers)	90400840-002
3000-62 Opt 2	Set of Mating connectors for one Module	89800470-001
3000-62 Opt 3	128 Channel TTL I/O (1-slot Motherboard) with 64 Differential Drivers Daughterboard	90400840-003
3000-62 Opt 3	Set of Mating connectors for one Module	89800470-002
3000-62 Opt 4	128 Channel TTL I/O (1-slot Motherboard) with 128 Relay Driver Daughterboard	90400840-004
3000-62 Opt 4	Set of Mating connectors for one Module	89800470-003

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Giga-tronics ASCOR

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