



Embedded Boards • Power Supplies • Instruments

170 Wilbur Place • Bohemia, NY 11716-2416

Tel: (631) 567-1100 • Fax: (631) 567 1823 • www.naii.com

For Immediate Release

Contact: Lou Garofolo
North Atlantic Industries
631-567-1100
lgarofolo@naii.com

David Pinkowitz
DCP Marketing Services LLC
631-491-5343
dpinkowitz@dcpmarketing.com

High Power-Density, Low Profile, AC/DC VME/General Purpose Power Supply Now Available

230 Watt, Quad Output, Switching Supply, Designed for NAVMAT Compliance

Bohemia NY -- North Atlantic Industries (NAI) has announced the availability of a high power-density, low profile, AC/DC VME and General Purpose Power Supply. The 56P51 provides 230 Watts of output power at full load, with an operating temperature range of -40°C to +85°C measured at the baseplate. Its low noise output and rugged design are ideally suited for military and aerospace programs, including airborne, shipboard, ground mobile and C³I applications. The 56P51 is designed and manufactured to NAVMAT component derating guidelines and each unit receives ESS screening, including burn-in and temperature cycling. The unit includes EMI filtering per MIL-STD-461E and input transient protection per MIL-STD-1399.

The 56P51 operates from a 115/230 Vac, 47 Hz to 440 Hz, single-phase input and provides outputs of +5 Vdc, +3.3 Vdc, ± 12 Vdc, and +5 Vdc (standby). Efficiency is 65% minimum. The unit includes numerous fault protection features, including input transient protection, continuous short circuit protection (with automatic recovery), output current limiting, and output overvoltage protection. A Power Fail Warning is provided when the input is insufficient to provide full-power output. An Output Enable is provided to disable the DC Output. Additional features include remote error sensing and a 4 millisecond Holdup Time. Optional ANSI/VITA signaling is also available.

Pricing for 100 pieces of the 56P51 is \$2,765 each. Delivery is 12 weeks ARO.

"The 56P51 gives our customers a low profile AC/DC, VME Power Supply in a compact, rugged package" said Frank Riccobono, Director of Sales and Marketing at NAI. "They particularly like its built-in EMI Filtering, transient protection, fault protection, and NAVMAT design compliance."

North Atlantic Industries

Founded in 1955, North Atlantic Industries (NAI), an ISO 9001:2000 certified enterprise, designs and manufactures Embedded I/O (Input/Output) Boards, Power Supplies, and Motion Simulation and Measurement Instruments for the Defense and Aerospace Industries. It provides the highest quality COTS (Commercial Off-the-Shelf) and Custom products in Commercial, Extended Temperature and Full-Military versions. NAI is focused on delivering innovation, quality, and superior value for its customers. Additional information about NAI and its products can be found at the company's Web site at <http://www.naii.com>.

#

