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."

For Immediate Release

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Photo Attached

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