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**For Immediate Release**

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## **New Input Power Line Conditioner with Holdup Capability Now Available**

*3U cPCI +28Vdc IN Power Line Conditioner Combines Conditioning and Holdup into one Compact Unit*

**Bohemia NY--** North Atlantic Industries (NAI) has announced the availability of its latest 3U, cPCI power product—NAI [44LS1](#) Power Conditioner / Holdup Unit, ideally suited for rugged land, sea and air applications. The 44LS1 protects downstream DC-DC converters from MIL-STD-704A-F and MIL-STD-1275 transients, including high and low voltage transients as well as power interruptions lasting up to 50 ms. In addition, the 44LS1 provides reverse polarity protection for downstream electronics. The [44LS1](#) is designed to meet standard 3U cPCI mechanical requirements and is a perfect companion unit for all NAI 3U DC/DC converters.

“The 44LS1 gives our customers the added capability of meeting strict input power requirements in a compact rugged COTS package,” said Lino Massafra VP Sales and Marketing. Many of today’s military systems rely heavily on input power conditioning to support MIL-STD-704 and MIL-STD-1275. The [44LS1](#), coupled with NAI’s 3U DC/DC power converters, is an ideal combination that supports some of today’s most demanding system power requirements.”

Open Collector Signals monitor holdup capacitor’s internal storage energy, input voltage and output status. The internal storage can support 100W load for 50 ms. Connections for additional external holdup capacitance are provided for applications requiring greater than 50 ms of holdup. Pricing starts at \$1,759 in quantities of 100+.

*North Atlantic Industries (NAI) is a leading independent supplier of Embedded I/O Boards, Single Board Computers, Rugged Power Supplies, Embedded Systems, Motion Simulation and Measurement Instruments for the Military, Aerospace and Industrial Industries. NAI provides the highest quality COTS and modified COTS products in Commercial, Extended Temperature and Rugged versions. Information about NAI and its products can be found at [www.naii.com](http://www.naii.com).*

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