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CONTACTS:

Mark Preiser
631-232-3033
mpreiser@cameronadv.com

Joseph Pozzolano
631-435-0410
jpozolano@behlman.com

Behlman announces the addition of another 'Critical Mission' COTS Power Supply, for military and commercial airborne applications

Powered from 3-phase aircraft power, it provides up to 4,000 Watts of DC power to meet MIL-STD-704F input power requirements.

Hauppauge, New York, USA, August 10, 2018 – Behlman Electronics Inc., known for its leadership in providing power products for military shipboard, airborne and mobile programs, as well as for industrial and commercial applications, has introduced its DCR2U-4000D-6-48,83.3-24,16.7 Critical Mission COTS Power Supply, to meet the need for reliable DC output from a wide frequency of 3-phase AC aircraft power.

Behlman leads the industry once again with its launch of the DCR2U Series of COTS Power Supplies to accept inputs of 200 to 375 VDC; or 115/200 VAC, 3-phase at 360 to 440 Hz (IAW MIL-STD-704 and DO-160). To make this a truly versatile power supply series, custom inputs are also available upon request.

Output power of 2,000/3,000/4,000 Watts are available from the DCR2U series, with voltages from 3.3 VDC to 48 VDC. The new 4,000 watt DCR2U-4000D Power Supply is specially designed to provide +48 VDC @ 83.3 A (4000 W), and +24 VDC @ 16.7 A (400 W). Like other DCR2U power supplies, this unit also has protective circuits, controls, and indicators, and wide-ranging operating and storage temperatures. It is also designed to meet MIL-STD-810G for Shock and Vibration, and MIL-STD-CE102, CS101, CS114, CS115 and CS116 for EMI/EMC (RE102 inside external enclosure).

Behlman DCR2U Critical Mission COTS Power Supplies are designed to be mounted in 19" racks, and need only 2U (3.50") space. Weight is under 40 pounds.

Making the announcement from the company's New York headquarters, where the DCR2U is designed and manufactured, Behlman Vice President of Sales and Marketing Joseph Pozzolano said, "Our clients rely on us as a provider of highly reliable MIL-SPEC solutions for the power needs of a wide range of aircraft. Our new addition to the COTS DCR2U power platform further illustrates our ability to meet the specific DC power needs of current and emerging aircraft without the high cost of full customization. We will continue to expand our family of 'Critical Mission' COTS power solutions in the near future, and welcome the opportunity to meet the high-performance power needs of any type of airborne shipboard, mobile or industrial program."

A detailed spec sheet for the new DCR2U-4000D-6 is instantly available by [clicking here](#).

Behlman Electronics Inc., (www.behlman.com), a subsidiary of Orbit International Corp., manufactures and sells high-quality standard, modified-standard, custom and COTS power solutions, including AC power supplies, frequency converters, inverters, DC-DC, AC-DC, DC-AC, uninterruptible power supplies, the VPXtra® line of VPX/VME Power Supplies, and the IQCM Intelligent Chassis Manager.

Orbit International Corp., based in Hauppauge, New York, is involved in the manufacture of customized electronic components and subsystems for military and nonmilitary government applications. Other subsidiaries and divisions include Orbit Instrument, Tulip Development Laboratory, and Integrated Combat Systems, all of which are members of the Orbit Electronics Group.

For more information, contact Behlman Electronics Inc., 80 Cabot Court, Hauppauge, New York 11788 USA; TEL: +1 631 435-0410; FAX: +1 631 951-4341; sales@behlman.com ; www.behlman.com.



The Behlman DCR2U-4000D-6-48,83.3-24,16.7 Critical Mission COTS Power Supply provides 4,000 Watts of DC power from 3-phase aircraft power inputs, making it ideal for military and commercial airborne applications anywhere in the world.