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PRESS CONTACT:
Robert Schaefer: 440 457-7555
robert@robertschaefer.com

Ron Storm: 631 435-0410
rstorm@behlman.com

Behlman announces availability of “turn-key” AC frequency converters, originally developed to power critical military munitions testers and programmers.

Highest level of COTS “plug-and-play” performance is now available for all 3-phase 400 Hz power military and civilian requirements.

Hauppauge, New York, January 18, 2016 -- 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 announced the unrestricted availability of its FC5003-C1-115-400 and BLX3X500C-8-5362 COTS frequency converters, with true “turn-key” performance that simplifies operation for industrial, commercial and military 400 Hz power requirements.

About Behlman FC5003-C12-115-40:

The Behlman FC5003 Frequency Converter is a “turn-key” solution for converting 120/208 VAC, 3-phase 47-63 Hz into clean, regulated 115/200 VAC 3-phase, 400 Hz power for critical avionics and related applications. This ultra-reliable frequency converter was originally designed to power military munitions test and programming systems used with precision-guided smart weapons, such as bombs and missiles.

Now, this AC frequency converter is available to provide the highest level of plug-and-play performance for any 3-phase, 400-Hz industrial, commercial, or military requirement. It supplies 6000 VA, 16 Amps per phase, has all the protective circuitry required to assure long-term reliable testing, and comes with two DMMs for True RMS Volts and Amps.

A pre-wired 6-foot line cord with an NEMA L21-30P-type plug and an FSL4-FR female receptacle on the rear panel is standard.

About Behlman BL3X500C-8-5632:

Also being made available, for lower power applications, the Behlman BL3X500 Frequency Converter is a “turn-key” solution that converts 115 or 230 VAC, single-phase 47-63 Hz into clean, regulated, 115/200 VAC, 3-phase, 400 Hz at 1500 VA, 4.3 Amps per phase. This unit has all the same protection as the higher power FC5003. It

comes with a prewired 9.8 foot line cord with an NEMA L5-30-type plug and an FSL4-FR female receptacle on the rear panel.

A composite transit case with aluminum frame and an isolation system is available for both models.

According to Behlman president Ron Storm, *“The fact that these Behlman COTS Frequency Converters have been in use for years at USAF facilities worldwide to support mission-critical munitions testers and programmers is evidence of their high performance and reliability. We are very proud to announce that these power supplies are now available for easy ‘turn-key’ operation wherever clean, regulated 400 Hz is required.”*

Specification Sheets for Behlman’s FC5003 and BL3X500 COTS Power Supplies are immediately available at www.behlman.com.

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, and the VPXtra® line of VPX/VME power supplies.

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.



Behlman FC5003 is a “turn-key,” rugged COTS frequency converter that converts 120/208 VAC, 3-phase, 60 Hz ground power to 115/200 VAC, 3-phase, 400 Hz aircraft power at 6000 VA, 16 Amps per phase.



Behlman BXL3X500 is a “turn-key,” rugged COTS frequency converter that converts 115 or 230 VAC, single-phase, 47/63 Hz power to 115/200 VAC, 3-phase, 400 Hz at 1500 VA, 4.3 Amps per phase.