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NEWS RELEASE

New Medium Amperage Connection System from Amphenol Rated to 70 A
ePower-Lite has an operating voltage of 800 VDC

Technical Specifications

- 70 A continuous current
- Operating voltage of 800 VDC
- 100 mating cycles minimum
- IP67 rated
- Operating temperature range from -40°C to 125°C

Sidney, N.Y. August 2016 – Amphenol Industrial Products Group now offers a [medium amperage connection system](#) that is rated to up to 70 A of continuous current. The ePower-Lite has an operating voltage of 800 VDC.

Designed for the hybrid and electric vehicle markets, these connectors feature a lightweight plastic shell and compact design to provide both weight and space savings in vehicle architecture.

The ePower-Lite features 2-way, 3-way and 4-way systems with optional HVIL and EMI shielding for safety and performance.

Amphenol's ePower-Lite connector series is built to meet the demanding needs of medium voltage and medium amperage applications. It incorporates 3.6mm terminals

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with Amphenol's patented RADSOK technology to achieve higher current ratings, lower insertion forces and lower temperature rise and contact resistance. Due to the low insertion force, no mechanical assist is required.

These touch-proof connectors are RoHS compliant and can be used for charging, for accessory power or anywhere a sealed medium power connector is required. The ePower-Lite can be mated a minimum of 100 times.

This connector series has a UL 94V-0 flammability rating, an IP67 rating and an operating temperature range from -40°C to 125°C.

Delivery is 8 weeks ARO.

For more information, please visit <http://www.amphenol-industrial.com> or e-mail kcunningham@amphenol-aio.com.

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READER SERVICE INQUIRIES: Please forward all reader service inquiries to Kelly Cunningham at Amphenol Industrial Products Group, Amphenol Corporation, 40-60 Delaware Ave, Sidney, N.Y., 13838-1395; e-mail: kcunningham@amphenol-aio.com; Web: www.amphenol-industrial.com.

EDITOR'S NOTE: [Amphenol Industrial Products Group](#), headquartered in a 307,000 square foot facility in Sidney, N.Y., provides a full range of high reliability power/signal connectors and interconnection systems specifically for the industrial markets including rail/mass transit, process control, automotive manufacturing, heavy equipment, wireless base stations and petrochemical/power generation.

Products include ruggedized-for-industry cylindrical, fiber optic, rectangular, and industrialized versions of Amphenol's MIL-DTL-5015 cylindrical, MIL-DTL-26482



marketing communications

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miniature cylindrical and GT reverse bayonet cylindrical connectors. It employs more than 900 people and is ISO9001, TS96949 and MIL-STD-790 certified.

Amphenol Industrial Products Group is a division of Amphenol Corporation, Wallingford, CT, one of the largest manufacturers of interconnect products in the world, with year 2015 sales topping \$5.6 billion.