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NEWS RELEASE

Plastic Connector Series for HEV Offers Continuous Power to 400 A *UPC connectors from Amphenol available in 2- and 3-pole*

Sidney, N.Y. September 2015 – Amphenol Industrial Products Group, a global leader in interconnect systems, now offers a [plastic power connector](#) series designed to be used in the hybrid electric vehicle (HEV) market. Amphenol's compact universal power connectors (UPC) are available in two sizes and offer continuous power with 200 A or 400 A.

Ideal for use in power converters, hybrid electric vehicles, battery management systems, heavy equipment electrification, starter generators as well as 2- and 3-phase motors, these 2- and 3-pole connectors feature a plastic shell structure and small footprint. They are field installable and repairable.

UPC includes Amphenol's patented RADSOK technology for higher amperage, low voltage drop, less resistance and lower T-rise. RADSOK's twisted grid configuration allows for 50% more current to pass through the same size pin to achieve the smaller package size, while providing increased reliability, cycle durability and lower mating forces.

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These new connectors offer additional key features. They are touch proof with HVIL (high voltage interlock loop) and include EMI shielding. Amphenol's UPC connectors meet an IP67 rating when in a mated condition and can withstand a minimum of 500 mating cycles.

Technical Specifications

- 2- and 3-pole compact, plastic connectors
- Features RADSOK technology
- Continuous power for 200 A or 400 A
- Withstands a minimum of 500 mating cycles
- HVIL included
- EMI Shielding
- Touch proof
- UL rated
- IP67 when mated

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.

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EDITOR'S NOTE: [Amphenol Industrial Products Group](#), headquartered in a 675,000 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 miniature cylindrical and GT reverse bayonet cylindrical connectors. It employs more than 1,400 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 2014 sales topping \$5.3 billion.