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](http://www.amphenol-industrial.com) or e-mail kcunningham@amphenol-aio.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.