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New Reverse Bayonet Connector from Amphenol is Designed to Deliver High Power

EMI Wind-Lok is a heavy-duty connector with EMI shielding

Technical Specifications

- 1/3 turn reverse bayonet coupling design with secondary locking
- Crimp or busbar termination
- Silver plated contacts
- Finger proof inserts
- Amperage rating up to 800 A at 2,500 VDC
- Operating temperature of -40°C to +125°C
- Can withstand up to 2,000 mating cycles
- Can withstand 300 days of continuous salt spray

Endicott, N.Y. June 2021 – Amphenol Industrial Operations, a global leader in interconnect systems, now offers EMI Wind-Lok, a [reverse bayonet connector](#) designed to deliver high power from source to load. This heavy-duty connector with EMI shielding is used in a variety of different markets, including wind turbines, offshore windfarms, electrical generators, charging systems, as well as offshore petroleum production.

Amphenol's EMI Wind-Lok is a single pole, high-power connector that features a 1/3 turn reverse bayonet coupling design with secondary coupling that allows for audible, tactile and visual confirmation of secure mating. Its double-dead front, finger-proof inserts help to protect the pin as well as the socket.

With a shell size of 40, this heavy-duty connector can fit a wide range of wire sizes. Its 18 mm RADSOK socket contact provides an amperage rating up to 800 A at 2,500 VDC.

EMI Wind-Lok features rugged corrosion resistant plating with a hard coat anodized finish that can withstand 300 days of continuous salt spray. The connector offers crimp or two-hole busbar termination and features silver plated contacts. It is RoHS and REACH compliant, providing more protection for insert and contact assembly. The connector is also vibration resistant.

The new connector has an operating temperature of -40°C to +125°C and can withstand up to 2,000 mating cycles.

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

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READER SERVICE INQUIRIES: Please forward all reader service inquiries to Erick Lopez at Amphenol Industrial Operations, 20 Valley Street, Endwell, NY 13760-3600; e-mail: elopez@amphenol-aio.com; Web: www.amphenol-industrial.com.

EDITOR'S NOTE: [Amphenol Industrial Operations](http://www.amphenol-industrial.com), headquartered in a 50,000 square foot facility in Endicott, 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, rectangular, fiber optic, signal and power, RADSOK power and power-to-board solutions, cable and harness assemblies, as

well as industrialized versions of Amphenol's MIL-DTL-5015 cylindrical, MIL-DTL-26482 miniature cylindrical and GT reverse bayonet cylindrical connectors. Amphenol Industrial Operations employs more than 1,400 people globally and is ISO9001, TS96949 and MIL-STD-790 certified.

Amphenol Industrial Operations is a division of Amphenol Corporation, Wallingford, CT, one of the largest manufacturers of interconnect products in the world, with year 2020 sales topping \$8.6 billion.