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High Current Connector and Cabling System from Amphenol Now Available in 8.0mm and 10.3mm 1500VDC

SURLOK Plus meets energy storage requirements and high-power connection transfers

Technical Specifications

- Single pole connector
- 8.0mm and 10.3mm 1500VDC non-EMI right angle plug version for high voltage applications
- 8.0mm rated to 200A
- 10.3mm rated to 350A
- Features RADSOK technology
- Quick lock and release design

Endicott, NY March 2022 – Amphenol Industrial Operations (AIO), a global leader in interconnect systems, is expanding its SURLOK Plus series to include 8.0mm and 10.3mm [right angle connectors](#), with a voltage range of 1500VDC, to meet energy storage requirements and high-power connections and transfers. These connectors are designed for use in energy storage, EV/HEV, process control/automation, heavy equipment and rail and mass transit.

Featuring a quick connect and locking system design, these robust, cost-effective connectors are ideal for power system connection applications. They are a reliable alternative to common compression lugs.

The SURLOK Plus 8.0mm and 10.3mm are field installable. Using industry standard screw and busbar termination options, these connectors do not need special torque tools to install. They feature a quick lock and press-to-release design to accommodate various dimensional constraints.

These compact, quick mating connectors feature a keyway design to prevent incorrect mating. The SURLOK Plus 8.0mm connector, rated to 200A; and the 10.3mm connector, rated to 350A, can be used in high voltage applications up to 1500VDC. The connectors also include the latest R4 RADSOK Technology that significantly increases amperage, while reducing insertion force, temperature rise and voltage drop.

The SURLOK Plus 8.0mm and 10.3mm 1500VDC conforms to UL4128 and TUV 2PFG2740 1500VDC, a standard set for safety component connectors for use in data, signal, control and power applications.

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

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

EDITOR'S NOTE: [Amphenol Industrial Operations](#), headquartered in a 30,000 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, 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 900 people 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 2021 sales topping \$10.9 billion.