

Artesyn Embedded Technologies Announces New Series of 20W High Density dc-dc Converters for Industrial and Rugged Applications

Tempe, Ariz. [15 July, 2014] — Artesyn Embedded Technologies, formerly Emerson Network Power's Embedded Computing & Power business, today announced the new [AXA series](#) of compact 20 W high power density dc-dc converters designed to be used in applications such as battery-operated equipment, instrumentation, distributed power architectures in communications and industrial electronics and other space critical-applications.

A fully potted and metal cased construction makes the Artesyn AXA series an ideal choice for harsh environments and enables the modules to operate between minus 40 and plus 85 degrees Celsius. An optional clip-on heat sink is available to extend the thermal performance of the unit in a convection or forced-air environment.

Artesyn AXA series modules cover an ultra-wide 4:1 input voltage range of 9 to 36 Vdc and 18 to 75 Vdc. The first models available offer single output models with voltages of 3.3, 5, 12, 15 and 24 V along with dual output models offering +/- 12 or 15 V, all with tight output voltage regulation. Enclosed in a 1.0 x 1.0 x 0.4 inch (25.4 x 25.4 x 10.16 mm) package, the Artesyn AXA series offers up to 89 percent efficiency.

The converters offer additional features such as overload protection, remote on/off control, input-to-output isolation voltage of 1500 Vdc, and the output voltage can be trimmed by +/- 10 percent of the nominal output. All models are approved to CSA/NTRL/IEC/EN 60950-1 for IT equipment.

The new AXA series is available through the company's [global channel network](#).

Note to editors

High resolution pictures of the new AXA series are available from the [product web page](#).

About Artesyn Embedded Technologies

Artesyn Embedded Technologies is a global leader in the design and manufacture of highly reliable power conversion and embedded computing solutions for a wide range of industries including communications, computing, medical, military, aerospace and industrial. For more than 40 years, customers have trusted Artesyn to help them accelerate time-to-market and reduce risk with cost-effective advanced network computing and power conversion solutions. Artesyn has over 20,000 employees worldwide across nine engineering centers of excellence, four world-class manufacturing facilities, and global sales and support offices.

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