



PRESS RELEASE

Artesyn Embedded Technologies Launches Two Series of Compact 40 Watt and 50 Watt Isolated DC-DC Converters for Industrial Equipment

24 new voltage variants covers wide range of high density applications

Munich, Germany. [14 November, 2014] — At the Electronica exhibition today, Artesyn Embedded Technologies announced two new series of 1 x 2 inch (25.4 x 50.8 mm) isolated DC-DC converters for industrial applications where high power density is required: the new [AEE 40 W and 50 W series](#). A fully potted and shielded metal case construction makes the two new Artesyn AEE series an ideal choice for harsh environments and enables the modules to operate between minus 40 and 80 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.

Both new series of Artesyn AEE modules cover an ultra-wide 4:1 input voltage range of 9 to 36 Vdc and 18 to 75 Vdc to cover 12, 24 or 48 V nominal input rails and tight output voltage regulation. The output voltage of the single output versions can be trimmed by plus or minus 10 percent of the nominal output. The 40 W series offers single-output voltage of 3.3, 5, 12, 15 or 24 V or dual output versions offering plus or minus 12 or 15 V and efficiency levels of up to 90%. The 50W series offers single-output voltages of 3.3, 5, 12, 15 and 24 V and efficiency levels of up to 92%.

The converters feature low ripple and noise, overcurrent protection, and isolation up to 1500 Vdc. An industry-standard pin out simplifies PCB design and the mechanical design of customers' end product.

About Artesyn Embedded Technologies

Artesyn Embedded Technologies, formerly Emerson Network Power's Embedded Computing & Power business, 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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