



PRESS RELEASE

Artesyn Announces 100 Watt Highest Density 1/16th Brick Fully Regulated dc-dc Converter for Telecom and Computing Applications

Tempe, Ariz. [18 June, 2014] — Artesyn Embedded Technologies today announced its highest density sixteenth brick isolated dc-dc converter for distributed power applications such as telecom, computing and networking equipment. The new [AVD100 series](#) of 100 to 120 Watt, 1/16th brick dc-dc converters are optimized for high density applications with restricted space, offering excellent thermal performance and up to 92.5 percent efficiency.

“As real estate on boards becomes ever more valuable, designers are looking for innovative ways to save space and add more value to their end products,” said Andy Brown technical marketing director for dc-dc products at Artesyn Embedded Technologies. “Historically, 100 to 120 watt dc-dc converters required an eighth-brick footprint so the new AVD100 series offers our customers the same power in half the size.”

Artesyn AVD100 series units operate from a wide 36 Vdc to 75 Vdc input range and provide regulated adjustable 5 or 12 V output voltages. They can operate from minus 40 to 85 degrees Celsius.

Features include output over current, short circuit, over voltage and over-temperature protection. The AVD100 series also has an enable pin on the primary side of the converter. The units are an open frame design with baseplate option that is optimized for either contact-cooled or forced-airflow applications. Standard product options include surface-mount or plated through-hole with different pin lengths and positive and negative enable options.

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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New 100 watt 16th brick DC-DC modules are highest density for telecom & computing

Our highest density 16th brick isolated DC-DC converter for distributed power applications such as telecom, computing and networking equipment is the new AVD100 series. These 100 to 120 Watt modules are optimized for high density applications with restricted space, offering excellent thermal performance and up to 92.5% efficiency.

Andy Brown, Artesyn's technical marketing director for dc-dc products said that, "Historically, 100 to 120 watt dc-dc converters required an eighth-brick footprint so the new AVD100 series offers our customers the same power in half the size."

<photo> <link to PR>

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