



PRESS RELEASE

Artesyn Extends Industrial DC-DC Converter Range with New Six and Eight Watt Models in DIP-16 Package

Tempe, Ariz. [2 May, 2017] — Artesyn Embedded Technologies today extended its range of low power output industrial DC-DC converters, targeting a diverse range of applications, including instrumentation, data communication, telecommunication and computer peripheral equipment, and industrial automation. The new models in Artesyn's [ATA series](#) isolated DC-DC converters cover 6 watt and 8 watt power outputs and comprise 14 variants per power output series. The DIP-16 form factor minimizes occupied board space and offers very high power density.

All ATA series converters feature ultra-wide 4:1 inputs; seven of the models have 9–36 V inputs and the other seven have 18–75 V inputs. Within each of these two categories, there is a choice of five single output models, offering voltages of 3.3 V, 5 V, 12 V, 15 V or 24 V, and two dual output models offering +12/-12 V or +15/-15 V.

Fully encapsulated in a compact 0.94 x 0.54 inch (24 x 13.7 mm) shielded metal case, the converters have a height of just 0.32 inch (8 mm). The 8 watt models can accommodate operating temperatures from -40 to 80 degrees Celsius, while the 6 watt models can operate up to 90 degrees Celsius, both with suitable derating.

Offering up to 86 percent conversion efficiency, the converters use 370 kHz fixed frequency switching to minimize the need for external EMI filtering and comply with the EN 55022 class A and FCC level A standards for conducted noise. Standard features include 1,500 Vdc input/output isolation, no load power consumption, no minimum load requirement, remote on/off, overload voltage and short-circuit protection.

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 ten engineering centers of excellence, four world-class manufacturing facilities, and global sales and support offices.

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