

### **New Family of Enclosed Power Supplies from Artesyn Offers Cost-Competitive Reliability and Efficiency for Industrial Equipment**

**Tempe, Ariz.** [9 September, 2015] — Artesyn Embedded Technologies today announced the LCB family of enclosed AC-DC power supplies, consisting of 23 new models that provide a reliable, low cost solution for general-purpose industrial applications requiring a single low voltage DC supply. The new power supplies combine high efficiency, typically 89 or 90 percent, with a very low no-load power consumption of just 0.5 watt.

The LCB family is offered in four series with nominal power output ratings of [35](#), [50](#), [100](#) and [150](#) watts. The LCB35, LCB50 and LCB100 series each comprises six single-output models, offering voltages of 3.3 V, 5 V, 12 V, 15 V, 24 V and 48 V, while the LCB150 series comprises five single-output models, offering voltages of 5 V, 12 V, 15 V, 24 V and 48 V. LCB35, LCB50 and LCB100 series units accept a universal 88–264 Vac input and are also capable of operating from a 125–373 Vdc input, while the each LCB150 model accepts an 88–132 Vac or 176–264 Vac input and is also capable of operating from a 248–373 Vdc input.

Designed for normal convection cooling, all LCB family power supplies accommodate an ambient operating temperature range of minus 25 to 70 degrees Celsius, with linear derating above 50 degrees Celsius. LCB family power supplies are housed in a compact, robust and low profile fully ventilated metal enclosure. All connections are made via semi-shrouded screw terminals and an LED 'Power On' indicator is provided. An externally accessible trim pot allows the output voltage to be adjusted by  $\pm 10\%$ .

The power supplies are comprehensively protected against output overvoltage, overcurrent and short-circuit conditions. They carry UL/TUV 60950-1 safety approvals and have a very high calculated MTBF ranging from 200,000 to 460,000 hours, making them ideal 'fit and forget' power solutions for long lifetime applications.

## **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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