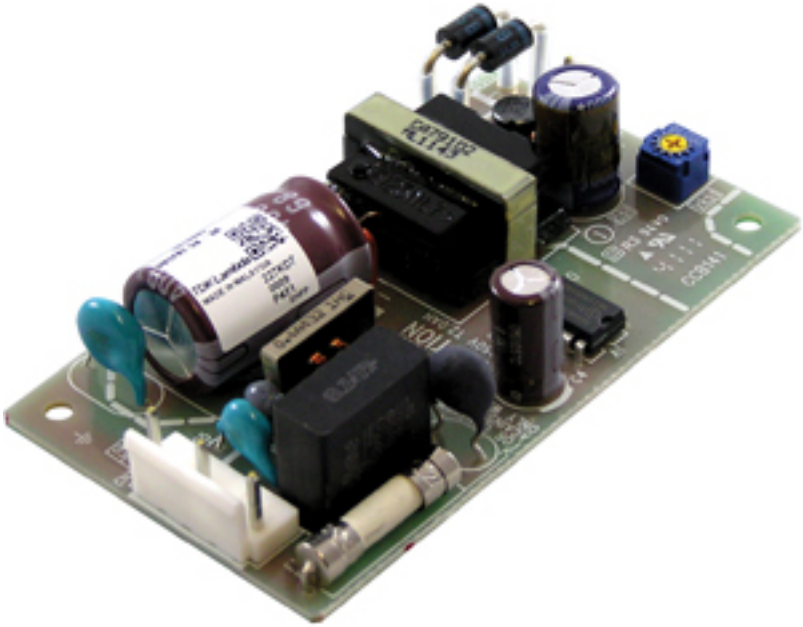
10 to 30-watt switchers feature narrow 2-inch width



TDK Corporation announces the release of TDK-Lambda's new ZWS10-30B Series of open-frame, 2-inch wide power supplies, with output power ratings of 10, 15, and 30-watts. These high-density, high efficiency, low profile power supplies are designed for a wide variety of applications including: Industrial, Test & Measurement, Communications, and Point-of-Sale Terminals/Displays.

Using innovative design techniques to combine high efficiency and power density, the ZWS10-30B Series consumes less than 0.5W under no-load conditions (0.2W typical). They feature a narrow width of 2 inches and a low profile of 1 inch or less depending on the output rating. The 10W models are only 2.89" long, the 15W models are 3.44" long, and the 30W models are only 4.13" long.

Operating from a universal 85 to 265Vac input, these single output power supplies are available with a choice of output voltage, including of 3.3V, 5V, 12V, 15V, or 24Vdc. All outputs are user adjustable by ±10%. The ZWS10-30B Series can be operated at full load with convection cool-ing (no fans) from -10 to +50°C ambient temperature (up to +70°C with suitable derating). When forced air cooling is available these supplies can operate at full power up to +60°C without derat-ing. Overvoltage and overcurrent protection are standard.

High quality electronic components are employed throughout, especially in the case of the electro-lytic capacitors, which have a 10-year lifetime. As a result these

supplies are delivered with an industry-leading warranty of 5-years.

With a 3kVac input to output isolation and an input to ground isolation of 2kVac, all models in the series are CE marked in accordance with the LV Directive. These supplies carry a host of safety agency approvals including UL/CSA/EN60950-1, EN50178 (OV II), as well as compliance to EMI standards EN5011/EN5022-B, FCC Class B and VCCI-B for both conducted and radiated EMI.

The supplies are available now and priced from $22.00 each in 50 piece lots. For more informa-tion, call TDK-Lambda Americas directly at 1-800-526-2324 or download the product datasheet from http://www.us.tdk-lambda.com/lp/ftp/specs/zws-b.pdf [1]

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Links:
[1] http://www.us.tdk-lambda.com/lp/ftp/specs/zws-b.pdf