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SL Power Launches Gigabit Plus External Power Supply for Power-Over-Ethernet Applications



SL Power Electronics, a leader in the global AC/DC internal and external power supply market, announces its next-generation single port power injectors for Power-over-Ethernet (PoE), Gigabit-compatible applications (10/100/1000 MbPS data rates) with power up to 32W (model dependent). The Ault PW183 family, known as PoE Plus Gigabit, provides power to devices through RJ45 jacks and high-speed data transfer over a single Ethernet cable.

The Ault PW183, like other Ault brand PoE families, controls costs and saves time for OEMs because it eliminates the need for expensive electrical contractors, scheduling and compliance with local code standards.

“Our goal with our Power over Ethernet line is a simple one – to provide a full range of standard single port midspan solutions with a complete arsenal of options so our customers can tailor the PoE solution to meet their unique requirements and branding,” explains Nigel Davies, European Managing Director for SL Power.

PoE technology has become increasingly popular for Voice over Internet Protocol (VoIP) telephony, network security cameras, WLAN access points and security access control systems. As devices within these market segments become more feature-rich and need to reside outdoors, higher power – 30 W and beyond – is required.

The Ault PW183 midspan single port family recognizes a signature before enabling full output power. It also protects against more than one power supply per cable, regardless of polarity. Of the four models in the family, two are compliant with the IEEE802.3af detection, disconnect, overload and over voltage control function standard (PW183RB and PW183RD). A load diagnostic LED advises by colour and/or by blinking whether the injector is active, on or there is an error (IEEE802.3af compliant models) and Power ON LED for models that do not meet IEEE802.3af specifications.

For the four models in the family, two are 30W models compliant with the IEEE802.3af detection, disconnect, overload and over voltage control function (PW183RB and PW183RD). The PW183RD also is a PoE Plus model, non-Gigabit. The PW183RA is a 32 W model designed to power legacy equipment and the PW183RC is a 32W PoE Plus solution that supports 10/100 MbPS data rates, non-Gigabit.

AC input voltage range for the entire family is 100 VAC to 240 VAC and AC input frequency from 47Hz to 63Hz. The Ault PW183 family features a desktop style and complies with EMI/RFI regulations, is CE compliant, and meets safety approvals for OEMs to support customers worldwide.

SL Power also offers a service called, Personalized PoE. This service provides customers an array of options to truly customize the power injector to meet unique technical, marketing or branding needs.

The Ault PW183RB is available immediately for approximately \$19.00 in OEM quantities of 1,000 units (pricing is model dependent).

About SL Power Electronics

SL Power Electronics Corp. designs, manufactures and markets internal and external power supplies for medical, communications, computer and industrial electronic OEMs. The company is a global leader in the development of AC/DC and DC/DC standard, modified and custom power supplies. The product offering includes a broad range of AC/DC and DC/DC open-frame switch mode and linear power supplies from seven to 6000 watts under the Condor brand name and an external AC/DC switch mode power supply offering from six to 200 watts, as well as transformers, battery chargers and DC mobile adapters under the Ault brand name.

SL Power Electronics Corp. is a subsidiary of SL Industries (AMEX – SLI). SL Industries, through its subsidiaries, designs, manufactures and markets equipment and systems for industrial, medical, electric utility, aerospace and telecommunications applications.

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