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Littelfuse Brought Circuit Protection Optimized for LED Lighting Systems to the 2015 Street and Area Lighting Conference



LSP05 & LSP10 Modules



470 & 476 Series Fuses

CHICAGO, October 14, 2015 - Littelfuse, Inc., the global leader in circuit protection, displayed its cutting-edge circuit protection technologies optimized for the full LED lighting system during the IES Street and Area Lighting Conference held earlier this month in Savannah, Georgia. Littelfuse presented a number of driver components, including AC fuses, varistors, TVS diodes, DC fuses, PTCs, and PLED protectors.

In addition to this diverse portfolio of circuit protection solutions that address a variety of LED applications from indoor and outdoor lighting to devices for LED bulb design, Littelfuse representatives highlighted two unique innovations:

- The award-winning LSP05 and LSP10 Modules are designed specifically to provide transient overvoltage protection for outdoor and commercial LED lighting fixtures. Constructed with Littelfuse thermally protected metal oxide varistors (TMOVs), the LSP05 (parallel) and LSP10 (series or parallel) Surge Protection Device (SPD) Modules provide robust surge current handling capability. A built-in thermal disconnect function provides additional protection from catastrophic failures and fire hazards, even under the extreme circumstances of varistor end of life or sustained overvoltage conditions. The series-connected LSP10 is the world's first indicating surge arrestor that can handle 20,000 amp surges. The booth exhibit also included a disassembled streetlight to demonstrate where and how the LSP05 and LSP10 modules can be installed.
- The **NANO^{2}® Subminiature 470 and 476 Fuses** provide surge tolerance and protection against overload conditions for downstream components. Their highly compact, surface-mountable (SMT) packages provide for greater design flexibility in space-constrained applications and support faster placement and higher yields during product manufacturing. The 470 Series is the smallest 125VAC-rated SMT fuse available in the Littelfuse portfolio. It has outstanding performance characteristics, including high breaking capacity and unparalleled i^2t values. The 476 Series 250VAC-rated fuses are the smallest SMT fuse with such a high voltage rating. Both fuses are designed for primary side circuit protection in compact applications with high AC voltage requirements.

Todd Phillips, global marketing manager of the Electronics Business Unit at Littelfuse, noted, "This year's show drew nearly 900 representatives from municipalities, utilities, government agencies, universities and other organizations interested in learning more about large-scale outdoor LED lighting projects. Many came to our booth to learn how Littelfuse circuit protection components can help them maximize their initial investments by extending the life of their installations."

For further information about the Littelfuse circuit protection products shown at the 2015 Street and Area Lighting Conference, download your free copy of the Littelfuse ***LED Lighting SPD Module Design and Installation Guide***.

About Littelfuse
Founded in 1927, Littelfuse is the world leader in circuit protection with growing global platforms in power control and sensing. The company serves global customers in the electronics, automotive and industrial markets with technologies including fuses, semiconductors, polymers, ceramics, relays and sensors. Littelfuse has over 8,000 employees in more than 35 locations throughout the Americas, Europe and Asia. For more information, please visit the Littelfuse website: Littelfuse.com.

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