Littelfuse

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Littelfuse Illuminates Innovative Circuit Protection Solutions for LED Lighting Systems at the 2015 Strategies in Light Show



LSP05 & LSP10 Modules



470 & 476 Series Fuses

CHICAGO, February 24, 2015 - Littelfuse, Inc., the global leader in circuit protection, will showcase cutting-edge circuit protection technology designed for the full LED lighting system from the power input all the way to the LEDs themselves, at the Strategies in Light trade show. Littelfuse representatives will be available to discuss new technologies, trends, and components in Booth 630 at the show, held at The Sands Expo & Convention Center in Las Vegas, Nevada, from February 24-26, 2015.

Exhibits will include a non-functional streetlight disassembled to show booth visitors where and how the company's LSP05 and LSP10 Surge Protection Device (SPD) Modules can be installed in them. A number of driver components will also be on display, including AC fuses, varistors, TVS diodes, DC fuses, PTCs, and PLED protectors.

In addition to a 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 will highlight two unique innovations at the Strategies in Light show:

- 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 A surges.
- 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 supports faster placement speed 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 i2t values. The 476 Series 250VAC-rated fuses are the smallest SMT fuse with this high voltage rating. Both fuses are designed for primary side circuit protection in compact applications with high AC voltage requirements.

For further information about Littelfuse at the 2015 Strategies in Light Show: http://www.littelfuse.com/SIL2015

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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