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Littelfuse LSP05/LSP10 Series Surge Protection Device Modules Win ACE (Annual Creativity in Electronics) Award

Prestigious award received in the LEDs and Lighting category



Janine Love, EDN editor and technical content director, DesignCon, congratulates Bharat Shenoy, director of technical marketing at Littelfuse, on the company's 2015 ACE Award for its LSP05/LSP10 Series Surge Protection Device Modules.

CHICAGO, July 27, 2015 - Littelfuse, Inc., the global leader in circuit protection, today announced its LSP05/LSP10 Series Surge Protection Device Modules were named a winner in the EE Times and EDN 2015 UBM Canon ACE Awards in the "Ultimate Products: LEDs and Lighting" category. The awards program honors the people and companies behind the technologies and products that are changing the world of electronics.

The winners were announced at an awards ceremony on Tuesday, July 21, at the Santa Clara Convention Center, during the Embedded Systems Conference Silicon Valley. Bharat Shenoy, the director of technical marketing at Littelfuse, was on hand to receive the award. He noted, "I know everyone at Littelfuse, especially those on the product development and marketing teams, feels very honored today by this award. The LSP05 and LSP10 Series products represent the collective efforts of many people striving to offer our customers the most advanced and cost-effective circuit protection solutions available."

Constructed with Littelfuse thermally protected varistors, the LSP05 and LSP10 Surge Protection Device (SPD) Modules provide robust surge current handling capability. These optimized surge immunity solutions protect outdoor LED fixture investments with maximum lightning surge current ratings of 20,000A (LSP10) and 10,000A (LSP05). Their compact form factor (48x48x30mm) makes them easy to mount inside a luminaire; mounting tabs simplify installation and replacement. 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.

Metal Oxide Varistors (MOVs) used to protect LED luminaires degrade gradually after a large surge or multiple small surges. This leads to increasing MOV leakage current, raising MOV temperature under normal conditions. A thermal disconnect like that used in the LSP05 and LSP10 senses this temperature increase as the MOV approaches its end-of-life condition, at which point it will open, removing the MOV from the circuit and preventing its catastrophic failure.

"We are continually amazed at the level of creativity in the design, innovation and technology exemplified by these award winners," said Suzanne Deffree, Executive Editor at UBM Canon's EDN. "The ACE Awards celebrate the highest achievements in innovation and creativity in electronics design, and selecting one organization or individual that stands out above the rest is incredibly challenging. We are pleased to be able to celebrate their achievements."

About UBM Canon
UBM Canon is the leading B-to-B event producer, publisher, and digital media company for the world's $3 trillion advanced, technology-based manufacturing industry. Our print and electronic products deliver trusted information to the advanced manufacturing market and leverage our proprietary 1.3 million name database to connect suppliers with buyers and purchase influencers. We produce more than 50 events and conferences in a dozen countries, connecting manufacturing professionals from around the globe. UBM Canon is part of UBM plc (UBM.L) a global provider of media and information services for professional B-to-B communities and markets.

About the Embedded Systems Conference
The Embedded Systems Conference (ESC) is where the global design engineering community gathers to learn, collaborate and celebrate innovation. Held in Silicon Valley, Boston, and Minneapolis, ESC empowers the global design engineering community with hundreds of essential technical training classes and accreditation opportunities. For more information and to register for ESC, visit: http://www.embeddedconf.com/.

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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