



NEWS



Transtector launches new fused SASD protector for 48Vdc applications

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Transtector Systems, a Smiths Interconnect business, today announces its launch of DC Defender, the first of a series of fused silicon avalanche diode suppression devices optimized for 48 Vdc outdoor pole mount applications.

Transtector's DC Defender utilizes non-degrading, fast-acting silicon avalanche diode technology to ensure optimum protection for sensitive, low voltage DC power plants, tower top radios, as well as low noise and tower mounted amplifiers (LNA and TMA). The unit's three-mode surge protection with integrated series fusing elements effectively disconnects protected loads during power cross or catastrophic events, providing robust 5kA lightning current withstand.

To optimally support outdoor cabinet and pole mounting installations, the DC Defender is encased in a rugged metal enclosure rated for NEMA 3R weather resistance with self retained lid fastener and cable management features. Versatile foot attachment points for panel and pole mount applications further facilitate ease of mounting and grounding.

"The DC Defender has been developed in response to strong market demand. It fills the need for low voltage, parallel and series DC surge protection, a market sector that has been inadequately served with high voltage protection products and inappropriate surge voltage standards application references", explains Andrew Dawson, Vice President of Engineering.

Transtector's DC Defender supports a wide range of mission critical DC power systems including telecommunications, data centers, outdoor mounted radios, as well as access point and cell service fiber optic back haul.

About Transtector Systems, A Smiths Group Business

Transtector is an international provider of power quality products including AC, DC, data and signal surge protection, communications power cabinets, EMP protection, lightning protection, and power quality engineering services. Established in 1967, Transtector was the first surge suppression designer to use non-degrading silicon diodes. Our patented, proprietary silicon avalanche suppressor diode (SASD) technology allows for less let-through voltage and lower clamp levels than other surge protection products. No one understands suppression and power quality issues like Transtector.

About Smiths Interconnect

Smiths Interconnect, part of the global technology company Smiths Group, designs and manufactures specialized electronic and radio frequency products that connect, protect and control critical systems for the wireless telecommunications, aerospace, defense, space and medical markets. For further information visit www.smithsinterconnect.com.

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