Lightning arrestors designed for 7/16 DIN applications

NexTek announces the High RF Power K1-Series designed for protecting high power RF transmission lines of up to 50,000 Watts and the High Transient T1-Series has a transient rating to 100,000 Amps+. This new series of SurgeGuard lightning arrestors addresses the stringent demands of mission critical RF applications including the HF, VHF, and UHF frequency ranges from 0(dc) to 1000MHz.

The SurgeGuard K1-Series and T1-Series is based on a multiple gas discharge tube design with serviceable replacement elements. The PTR7AF7AFxxK1 and T1 arrestors measure 119mm x 45mm and have 7-16 female to 7-16 female connectors.

The K1-Series product voltage ratings can range from 1.4kV to 3.5kV, and have a nominal impedance of 50 Ohms. This allows the K1 to pass up to 30kW or more of RF Power.

The robust SurgeGuard T1-Series, available in multiple voltage ratings (90V to 1000V), provides a 250x multiple strike capability @ 10kA and a 100kA (8 x 20µs) one time surge capability. For 7/16 DIN applications <1GHz, this device provides a long surge lifetime with its 5 replaceable GDTs.

Additional specifications for both models include excellent lightning transient protection performance using a multiple GDT design, low VSWR of 1.20 typical, and Insertion Loss of only 0.1dB typical. All SurgeGuard products use only top-rated materials and superb construction, with both units also waterproof and dustproof (tested and qualified to IP68 Standard).

The K1-series and T1-series of lightning arrestors are currently available directly from Nextek. For more information or a datasheet with complete product specifications, visit www.nexteklightning.com [1] and select this month's featured product.

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[1] http://www.nexteklightning.com