

Product Data Sheet

Spike Stopper™ PoE Protector

Application: Outdoor Gigabit PoE+ Surge Protection



Description: Series wired transient voltage surge suppressor for protection of data circuits

IEC Environments: Suitable for use in IEC 61643-21 environments

Circuit Topology: Series/Parallel multi-stage hybrid surge protective components including internal per-line fusing, voltage switching, surge voltage limiting, and surge current limiting.

Protection Modes: Dedicated protection components and circuitry for each mode. Discrete L-L (Normal Mode) and L-G (Common Mode)

Surge Current (I_{max}) Rating: 10 kA/line (Complies with the requirements of UL 96A Master Label for Installation Requirements for Lightning Protection Systems)

Enclosure: NEMA 4X

Temperature Rating: -40 to 65°C

Warranty: 5 Years

Loop Resistance/pair: ≈ 6 Ω typ

Connectors: RJ-45, Shielded

Operating Voltage: ≤ 57 V

Bit Error Rating (BER):

10,100 Mbps	>100 Meters
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Surge Limiting- Let Through Voltage: <60 Vpk

Surge Limiting- Let Through Current: <1 Amp peak

Power over Ethernet (PoE): 35 W, Class 4

