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ZONE BARRIER SERIES

Part #AT24540

Surge suppression technology for your network lines and connected devices.



Application: The AT24510 protects 100BaseT, 10BaseT or Token Ring computer LANs from transients caused by direct or indirect lightning and other electrical surges.

Installation: The Zone Barrier series can be mounted on any standard 35mm DIN rail, or any flat surface. Ground wire is required for surface mounted applications and will be included with purchase.

Technology: High energy Metal Oxide Varistors (MOVs) are combined with a double network of ultra fast diodes and silicon avalanche diodes, to form three distinct stages of protection.

Approval: UL497A listed, tested to IEC801-5, CCITT K17

SPECIFICATIONS

Circuit Type: 3 Stage Series Hybrid

Lines Protected: Eight (8) per port

Connectors: RJ45 (Pins 1 - 8)

Surge Capacity: 1kA per wire

Clamp Voltage: 30V @0.5kA, 8/20 μ s

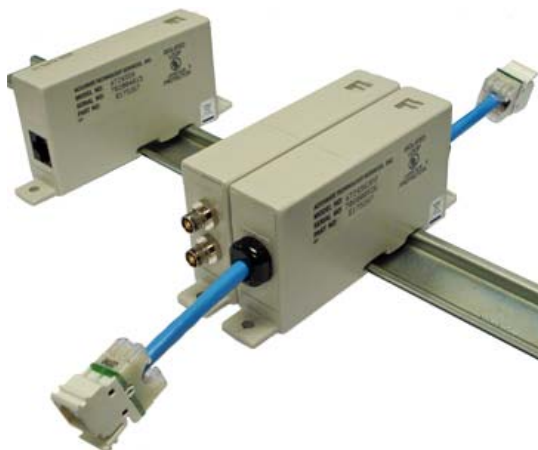
Rated Voltage: 5V

Max. Frequency: 155MHz

Attenuation: Better than -0.3dB at 100MHz

N.E.X.T.: Worst pair, better than -43dB at 100MHz

INSTALLATION: See individual installation instructions.



Clamping Voltage measured between a pair during the common mode application of 2kV (1.2-50 μ s) 1kA (8/20 μ s) waveform