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ZONE BARRIER SERIES

Part #AT24511

The effective barrier between surges and sensitive I/O ports.



Application: The AT24511 protects 100BaseT communication links 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.

SPECIFICATIONS

Circuit Type: 3 Stage Series Hybrid

Lines Protected: Eight (8)

Connectors: RJ45 / 110 Block

Surge Capacity: 1kA per wire

Clamp Voltage: 10V

Rated Voltage: 5V

Max. Frequency: 155MHz

Attenuation: Better than -0.3dB at 100MHz

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

Case Dimensions: 5.1" x 2.3" x 1.0" overall

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

