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ZONE BARRIER SERIES

Part #AT24537

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



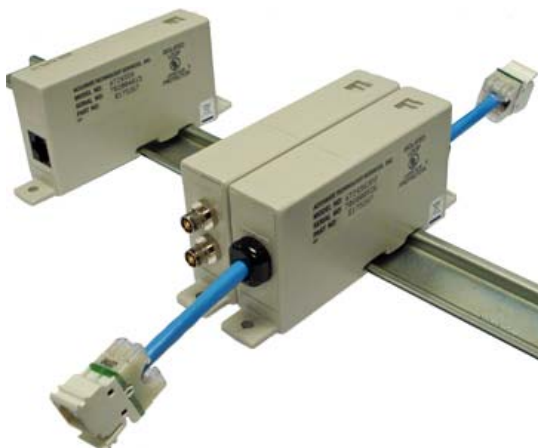
Application: The AT24537 protects DS-3 interfaces from transients caused by direct or indirect lightning and other electrical surges.

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 gas discharge tubes are combined with Silicon Avalanche Diodes and current limiting components to form three distinct stages.

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

SPECIFICATIONS



Circuit Type: 3 Stage Series Hybrid
Lines Protected: 1
Connectors: BNC
Surge Capacity: 10,000A 8/20 impulse per line
Clamp Voltage: 27V @ 2kA, 8/20µs
Rated Voltage: 15V
Max. Leakage Current: 5 µA @ rated Voltage
Max Inline Resistance: <5 Ohms
Response Time: 1ns
Temperature Range: -40° C to +85° C
Nominal Working Current: <0.5A
Degree of Protection: IP40
Bandwidth: 150MHz
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 µs) 1kA (8/20 µs) waveform