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## ZONE BARRIER SERIES

Part #AT24510



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

**Application:** The AT24510 protects RS232 communication links from transients caused by direct or indirect lightning.

**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 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: 5

Connectors: 5 Pos. Terminal Strip

Surge Capacity: 3kA 8/20 impulse

Clamp Voltage: 27V @ 2kA 8/20 $\mu$ s

Rated Voltage: 15Vdc

Max Frequency: 0-5MHz

Max Load Current: 0.5 Amperes

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  $\mu$ s) 1kA (8/20  $\mu$ s) waveform

