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## ZONE BARRIER SERIES

Part #AT90977

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



- Application:** This model can be applied as a secondary (UL 497A) protector for T-1, E-1, or HDSL telephone line applications providing protection from direct or indirect lightning strikes 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 Sidactors and current limiting components are combined to form three distinct stages. Protection against AC voltage power cross (up to 600V) is also built in to enhance product safety.

### SPECIFICATIONS

Circuit Type: 3 Stage Series Hybrid  
Lines Protected: 4; Pins 1, 6, 5, 9  
Connectors: DB9  
Surge Capacity: 10,000A 8/20 $\mu$ s impulse per line  
Clamp Voltage: 225V @ 2kA 8/20 $\mu$ s  
Rated Voltage: 145V  
Max. Leakage Current: 5  $\mu$ A @ rated Voltage  
Inline Resistance: 12 Ohms  
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

