

## ZONE BARRIER SERIES

Part #AT24505

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



- Application:** The AT24505 protects DDS/DSU interface 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:** Solid state sidactors are combined with fast acting fuses and resistors 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: 4  
Connectors: RJ48S  
Surge Capacity: 3.0kA 8/20 impulse per line  
Clamp Voltage: 105V @ 1kA 8/20  
Rated Voltage: 75Vdc  
Max. Frequency: >80MHz  
Max. Inline Resistance: 9 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

