



## Zoned Surge Protection Products

*Proven to cut downtime and replacement part costs*

### Category 6 Universal LAN Protectors

<b>PRODUCT SERIES:</b>	ZONEBARRIER: “The effective barrier between surges and sensitive I/O ports.”
<b>ATS ORDER #:</b>	AT24563
<b>APPLICATION:</b>	Protects 1,000BaseT, 100BaseT, 100VG, 10BaseT and Token Ring from transients caused by direct or indirect lightning.
<b>TECHNOLOGY:</b>	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.
<b>INSTALLATION:</b>	See individual installation instructions.

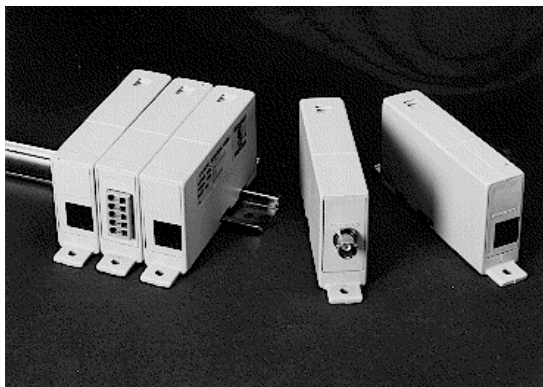
**UL 497B Listed**



#### **SPECIFICATIONS:**

- Circuit Type:** 3 Stage Series Hybrid
- Lines Protected:** Eight (8) per port
- Connectors:** RJ45 (Pins 1 - 8 )
- Surge Capacity:** 1kA per wire
- Clamp Voltage:** 10V
- Rated Voltage:** 2kV/1kA per wire (IEC 801-5)
- Max. Frequency:** 350MHz per pair
- Attenuation:** Better than -0.3dB at 350MHz
- N.E.X.T.:** Worst pair, better than -38dB at 250MHz
- Return Loss:** Better than -10dB at 250 MHz

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



#### **ZoneBarrier Series Communication/Data Line Protection**

- Over 40 models covering all applications.
- Mix and match any combination of Telco, Data and LAN protection
- UL497A, UL497B, UL certified Cat 5.
- Mounts on a rail for multipoint protection.
- Fixes individually to any flat surface, for single port protection.