



Zoned Surge Protection Products

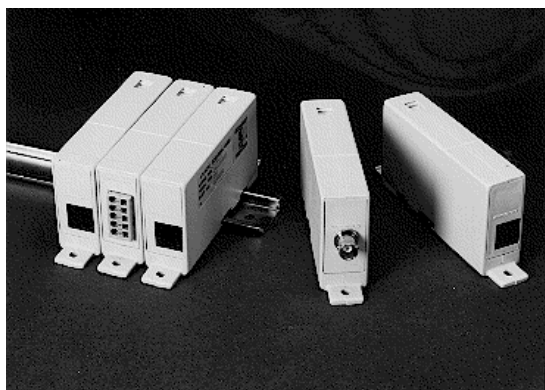
Proven to cut downtime and replacement part costs

PRODUCT SERIES:	ZONEBARRIER: “The effective barrier between surges and sensitive I/O ports.”
ATS ORDER #:	AT91381
APPLICATION:	The AT91381 protects high speed low voltage RS422 digital interfaces from transients caused by direct or indirect lightning strikes.
TECHNOLOGY:	High energy gas discharge tubes are combined with a network of ultra fast diodes, silicon avalanche diodes and current limiting components to form three distinct stages of protection.
INSTALLATION:	This ZoneBarrier can be mounted on a standard 35mm DIN rail, or to any flat surface for standalone applications.
APPROVAL:	Tested to IEC801-5, CCITT K17

SPECIFICATIONS



Circuit Type:	3 Stage Series Hybrid
Lines Protected:	4 + Shield
Connectors:	9D - SUB, Female on both sides
Surge Capacity:	10,000A 8/20 impulse per line 10,000A 8/20 shield to ground
Let-through Voltage:	12V @ 5kV (10/700µs) CCITT K17
Clamp Voltage:	15V @ 2kA 8/20
Normal Working Voltage:	6V
Max. Working Voltage:	7.5V
Max. Leakage Current:	5 µA @ rated Voltage
Max Inline Resistance:	4.3 Ohms
Case Dimensions:	5.1" x 2.3" x 1.0" overall
Band Width:	> 50MHz @ -3dB in 50Ω system



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 multiport protection.
Fixes individually to any flat surface, for single port protection.