



Accurate Technology Services, Inc.
829 Gretel Ave, Concord, NC 28027
1-877-SRG-SRVC(774-7782)
ph: 1-704-784-8287 fax: 1-704-784-8290
www.atssurge.com sales@atssurge.com

ZONE BARRIER SERIES

Part #AT24513



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

Application: The AT24513 protects low voltage (+5V) or unipolar RS422 data communication lines 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: This product has been specifically configured to interface between data cables with terminal strip connectors and the respective I/O Ports. The suppressor has been designed to provide VSS security for data communication lines against the harmful effects of transient overvoltages caused by lightning.

Approval: UL497A listed, tested to IEC801-5, CCITT K17

SPECIFICATIONS

Case: Molded Plastic
Circuit Type: 3 Stage Series Hybrid
Lines Protected: 4 wires + shield
Connectors: 5 Pos. Cage Clamp Terminal Strip
Surge Capacity: 10kA (8/20 μ s)
Clamp Voltage: +15V/-2V @ 2kA 8/20
Rated Voltage: +8V/-1Vdc
Max. Load Current: 0.5A
Max. Signal Rate: 0.5M
Operational/Storage Temp: -40° C to +85° C
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 μ s) 1kA (8/20 μ s) waveform

