



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 #AT24551



Surge suppression technology for your network lines and connected devices.

Application: The AT24551 protects 100BaseT communication links from transients caused by direct or indirect lightning 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 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.

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

SPECIFICATIONS

Circuit Type: 3 Stage Series Hybrid
Lines Protected: Eight (8)
Connectors: RJ45 / 110 Block
Surge Capacity: 1kA per wire
Clamp Voltage: 10V
Rated Voltage: 5V
Max. Frequency: 155MHz
Attenuation: Better than -0.3dB at 100MHz
N.E.X.T.: Worst pair, better than -43dB at 100MHz
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

