RJ11 SLIC Protection
GR-1089-CORE Solution, Dual Supply Voltage

Bourns' PortNote® solutions provide protection recommendations for typical port threats.

Solution Products

- TISP8200HDMR-S
- TISP8201HDMR-S
- SF-3812TM125T-2

Objective
The SLIC telephone interface supplies battery power, provides dialtone, and generates ringing voltage. This solution protects dual supply voltage SLIC interfaces against surge and power contact threats.

Compliance
GR-1089-CORE, Section 4, Port Types 1, 3, 5

Alternate Recommendations
Other PortNote® Solutions:
- SLIC Protection: ITU-T Basic Solution, Dual Supply Voltage
- SLIC Protection: ITU-T 4 kV Solution, Dual Supply Voltage

Benefit
This solution provides a high level of protection in a small amount of PCB area.

Solution
1 Thyristor: TISP8200HDMR-S
1 Thyristor: TISP8201HDMR-S
1 SinglFuse™ Telefuse™: SF-3812TM125T-2

To order samples, click on the “Request Sample” button.

The schematic above illustrates the application protection and does not constitute the complete circuit design. Customers should verify actual device performance in their specific applications.