

# PORTNOTE®

## **SLIC Protection**

## **ITU-T Solution**

#### **Solution Products**



TISP9110LDMR-S



CMF-SDP50A-2

#### **Objective**

The SLIC (Subscriber Line Interface Circuit) provides all the BORSCHT functions such as battery, ringing and supervision between the codec and telephone handset. This PortNote® solution protects SLIC interfaces against surge and power contact threats.

#### **Solution**

1 Thyristor: TISP9110LDMR-S 1 PTC: CMF-SDP50A-2

#### **Compliance**

ITU-T Basic for K.20, K.21, K.45

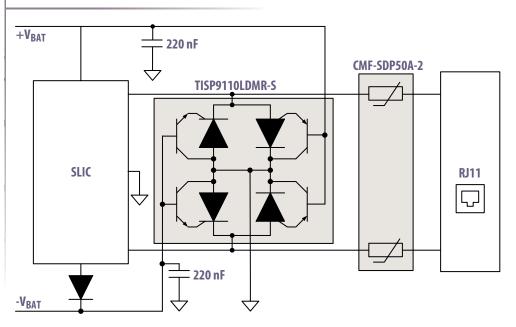
#### **Alternate Recommendations**

Other PortNote® Solutions:

- Negative Battery Voltage SLIC Protection ITU-T Solution
- Negative Battery Voltage SLIC Protection -GR-1089-CORE Intra-building Solution
- SLIC Protection GR-1089-CORE Intra-building Solution

#### **Benefit**

This solution provides a high level of protection in dual voltage ringing SLICs.



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.

### **Design Kit**



PN-DESIGNKIT-39

BOURNS

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

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