

PORTNOTE® SOLUTIONS

RJ11 Fax/Modem (FXO)

Solution Products



TISP4350T3BJR-S



B1250T



CD2320-B1600

Design Kit



PN-DESIGNKIT 8

Objective

In telecommunications, foreign exchange office (FXO) designates a telephone signaling interface that receives plain old telephone service (POTS). This solution protects those interfaces against surge and power contact threats.

Solution

1 Thyristor: TISP4350T3BJR-S
1 Telecom Fuse: B1250T
1 Diode Bridge: CD2320-B1600

Compliance

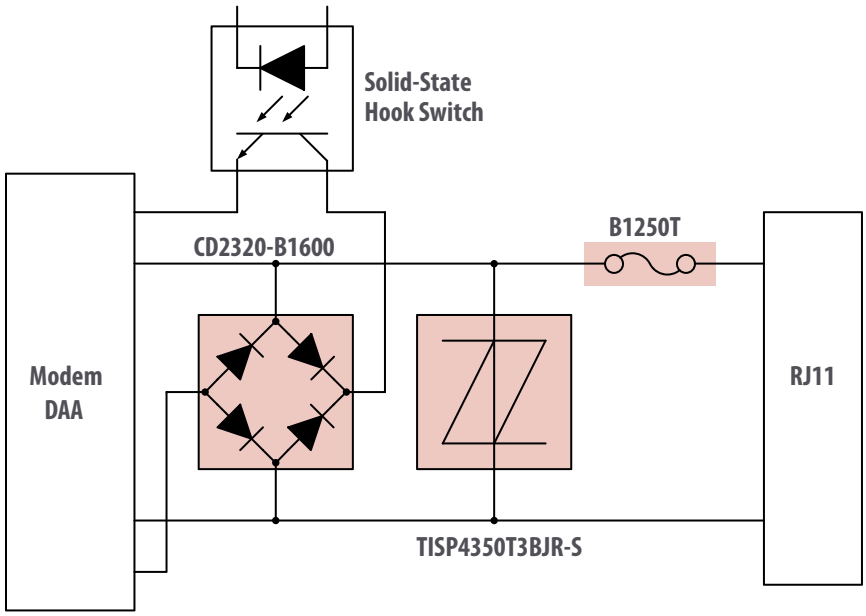
ITU-T K.21, IEC 60950, UL 60950 and TIA-968A

Alternate Recommendations

The TISP4310T3 should be considered for some "B" type ringers or for ITU-T Enhanced testing; consult with your local Bourns representative.

Benefit

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



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.

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

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