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# ISDN

# **Solution Products**



TISP4145M3BJR-S



MF-RX018/250





**PN-DESIGNKIT 10** 

# **Objective**

Integrated Services Digital Network (ISDN) simultaneously transmits voice, video, and data over public switched telephone network circuits. This solution protects ISDN circuit interfaces against surge and power contact threats.

#### Solution

4 Thyristors: TISP4145M3BJR-S 4 Multifuse<sup>®</sup> PTCs: MF-RX018/250

### Compliance

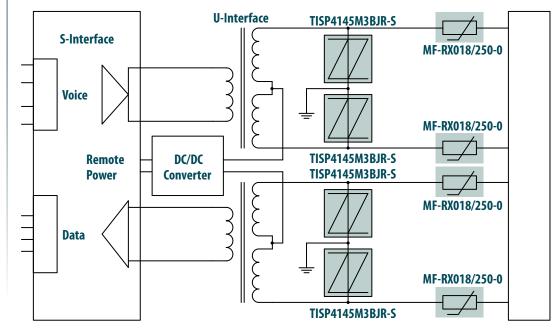
ITU-T K.21

# **Alternate Recommendations**

*For GR-1089-CORE designs, the TISP4145H3 and B1250T are recommended.* 

#### 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.

# BOURNS

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**Asia-Pacific:** *Tel* +886-2 256 241 17 *Fax* +886-2 256 241 16 Bourns<sup>®</sup> PortNote<sup>®</sup> solutions provide protection recommendations for typical port threats.

For more information, go to: **www.bourns.com** or email: protection@bourns.cor

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