

Featured Products Bulletin

TISP® THYRISTOR SURGE PROTECTORS

Bourns Announces a New High Surge Current IC for Dual Polarity SLIC Overvoltage Protection

- Model TISP9110MDM -

Riverside, CA - December 2, 2013 - Bourns is pleased to announce the release of a new programmable overvoltage protection device designed to protect modern dual polarity supply rail ringing SLICs (Subscriber Line Interface Circuits) against overvoltage conditions on the telephone line.

The Bourns® [Model TISP9110MDM](#), a high-surge current protector rated at 80 A for a 5/310 surge, assists customers in protecting telecom equipment to ITU and YDT 4 kV 10/700 requirements. Four separate protection structures are used, two positive and two negative, to provide optimum protection during Metallic (Differential) and Longitudinal (Common Mode) surge conditions. The device also boasts a wide -110 V to +110 V programming range and a low 5 mA max. Gate Triggering Current.

Wave Shape	Standard	Non-Repetitive Peak Impulse Current (A)
2/10	GR-1089-CORE	150
5/310	ITU-T K.20/21/45	80
10/1000	GR-1089-CORE	50

The Model TISP9110MDM is packaged in an RoHS compliant* 8-SOIC package. The product data sheet can be viewed on the Bourns website at www.bourns.com.

Should you have any questions or need additional information, please contact [Customer Service/ Inside Sales](#).

Features

- High performance protection for SLICs with +ve and -ve battery supplies
- Wide -110 V to +110 V programming range
- Low 5 mA max. gate triggering current
- RoHS compliant*

Applications

- Wireless local loops
- Access equipment
- Regenerated POTS
- VoIP applications