

# Featured Products Bulletin

**TISP® THYRISTOR SURGE PROTECTORS**

September, 2013

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

### - Model TISP61089M -

Bourns is pleased to announce the release of a new programmable overvoltage protection device designed to protect SLICs (Subscriber Line Interface Circuits) against overvoltage conditions on the telephone line.

The Bourns® [Model TISP61089M](#), a high-surge current protector, is rated at 70 A for a 5/310 surge, and is specified to support equipment compliance with Bellcore GR-1089-CORE, ITU-T K.21 and K.45 and YD/T-950.

The Model TISP61089M includes two negative protection structures and two anti-parallel diodes which provide optimum protection during Metallic (Differential) and Longitudinal (Common Mode) surge conditions. The device supports a negative supply voltage down to -155 V and requires a low gate triggering current of 5 mA maximum.

Wave Shape	Standard	Non-Repetitive Peak Impulse Current (A)
2/10	GR-1089-CORE	120
10/700-5/310	ITU-T K.20/21/45 YD/T-950	70
10/1000	GR-1089-CORE	30

The Bourns® Model TISP61089M is packaged in an RoHS compliant\* 8-SOIC package. The product data sheet can be viewed on the Bourns website at [www.bourns.com](http://www.bourns.com).

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

#### Features

- High 70 A 5/310 capability
- Dual voltage-programmable protector
- Supports voltages down to -155 V
- Low 5 mA max. gate triggering current
- High 150 mA min. holding current
- RoHS compliant\*

#### Applications

- SLICs