

Featured Products Bulletin

TBU™ HIGH SPEED PROTECTORS



Bourns Adds TBU-CA Series to the TBU™ Product Portfolio


Riverside, California - July 16, 2010 - Bourns is pleased to announce the release of the Bourns® TBU-CA Series of TBU™ high speed protectors. These products are low capacitance single bidirectional high speed protection components, constructed using MOSFET semiconductor technology, and designed to protect against faults caused by short circuits, AC power cross, induction and lightning surges.

Series	TBU-CA025	TBU-CA040	TBU-CA050	TBU-CA065	TBU-CA085
Description	Single Bidirectional				
Max. Impulse Voltage (V)	250	400	500	650	850
Max. RMS Voltage (V)	100	200	250	350	425
Trigger Current Levels (mA)	50, 100, 200, 300, 500				
Footprint (mm)	6.5 x 4.0				

The TBU™ high speed protector placed in the system circuit will monitor the current with the MOSFET detection circuit triggering to provide an effective barrier behind which sensitive electronics are not exposed to large voltages or currents during surge events up to rated limits. The TBU™ device is provided in a surface mount DFN package and meets industry standard requirements such as RoHS* and Pb Free solder reflow profiles.

The product data sheet with detailed specifications can be viewed on the Bourns website at www.bourns.com.

Features

- Superior circuit protection
- Overcurrent and overvoltage protection
- Blocks surges up to rated limits
- High speed performance
- Small SMT package
- Agency recognition: 
- RoHS compliant*

Applications

- Voice / VDSL cards
- Protection modules and dongles
- Process control equipment
- Test and measurement equipment
- General electronics