

## Featured Products Bulletin

### TRANSIENT BLOCKING UNITS

### ADVANCE NOTICE



## Bourns Adds TBU-DT & TBU-KE Series to its TBU® Product Portfolio

Riverside, California - TO BE RELEASED DECEMBER 23, 2010 - Bourns is pleased to announce the release of its TBU-DT and TBU-KE Series. These products are low capacitance unidirectional 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. The TBU-DT Series offers a dual channel option while the TBU-KE Series are single channel devices.

Series	TBU-DT065	TBU-DT085	TBU-KE025	TBU-KE040	TBU-KE050
Description	Dual Unidirectional		Single Unidirectional		
Max. Impulse Voltage	650 V	850 V	250 V	400 V	500 V
Max. RMS Voltage	300 V	425 V	100 V	200 V	250 V
Trigger Current Levels	100, 200, 300, 500 mA		50, 100, 200, 300, 500 mA		
Footprint (mm)	5.0 x 5.0		5.0 x 2.5		

This Bourns® TBU® high speed protector placed in the system circuit will monitor the current with the MOSFET detection circuit triggering, therefore providing an effective barrier for sensitive electronics against large voltages or currents during surge events.

The TBU-DT and TBU-KE Series are available in a surface mount DFN package which meets industry standard requirements such as RoHS\* and Pb Free solder reflow profiles.

Product data sheets with detailed specifications can be viewed on the Bourns website at [www.bourns.com](http://www.bourns.com).

#### Features

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

#### Applications

- Protection modules and dongles
- Process control equipment
- Test and measurement equipment
- General electronics
- Ethernet ports
- Set top box LNB ports