Bourns Introduces Dual Channel TBU® High-Speed Protectors

*Model TBU-DF Series*

Riverside, California - November 8, 2018 - Riverside, California – Bourns is pleased to announce the release of the bidirectional, dual channel Model TBU-DF Series TBU® High-Speed Protectors (HSPs) for use in data line protection applications.

The Bourns® TBU-DF models are precise and fast switching TBU® protectors constructed using MOSFET semiconductor technology. These TBU® HSPs are designed to protect against faults caused by short circuits, overvoltage transients and faults in battery cells, up to rated limits.

The TBU® High-Speed Protector, placed in the system circuit, will monitor the current with the MOSFET detection circuit, triggering precisely and quickly within 1 µs as specified to provide an effective barrier behind which sensitive electronics will not be exposed to large currents during transient events.


Should you have any questions, please contact Bourns Customer Service/Inside Sales.

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**Features**

- Superior circuit protection
- Overcurrent protection
- Blocks surges up to rated voltage limit
- High-speed performance
- Small SMT package
- RoHS compliant*

**Applications**

- RS-485 interfaces
- Exposed sense and data lines
- Factory automation
- Protection modules and dongles
- Process control equipment
- Test and measurement equipment
- General electronics

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