BOURNS®

New Product Release

TBU® HIGH-SPEED PROTECTORS

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.

The product data sheet with detailed specifications can be viewed on the Bourns website at www.bourns.com. Please visit https://www.bourns.com/products/circuit-protection/tbu-high-speed-protectors-hsps for more information on TBU® High-Speed Protectors.

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

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

* *RoHS Directive 2015/863, Mar 31, 2015 and Annex.*

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