BOURNS

Product Update Memo

DESIGN TOOLS

Bourns Releases New Evaluation Board and Design Note

RS-485 Port Protection - Evaluation Board 4

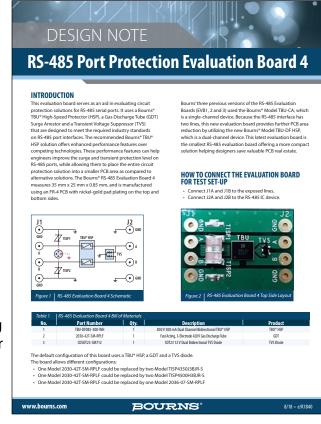
Riverside, California – January 4, 2019 – Bourns is pleased to announce the release of the RS-485 Port Protection Evaluation Board 4 and accompanying Design Note. The RS-485

Port Protection Evaluation Board 4 serves as an aid in evaluating circuit protection on RS-485 serial device port solutions using Bourns® TBU® High-Speed Protectors (HSPs), Gas Discharge Tube surge arrestors (GDTs), and Transient Voltage Suppressor (TVS) products designed to meet the required industry standards on RS-485 port interfaces.

RS-485 Port Protection Evaluation Board 4 is also laid out for alternative Overvoltage Protectors (OVPs) using TISP® Thyristor Overvoltage Protectors.

The recommended Bourns® TBU® HSP solution offers enhanced performance features over competing technologies, which can help the design engineer to increase the surge and transient protection level on RS-485 ports, placing the entire circuit protection solution into a smaller PCB area.

RS-485 Port Protection Evaluation Board 4 may be ordered online or through your local Bourns sales office or authorized Bourns distributor.



For more information on implementing advanced circuit protection technologies for RS-485 ports, please review Bourns' RS-485 Protection Solution: https://www.bourns.com/rs485.

Should you have any further questions or need additional information, please feel free to contact Bourns Customer Service/Inside Sales.

Please note:

1) This evaluation board may not be directly compatible with all types of available simulation software; please verify all designs in circuit.
2) This Evaluation board is provided as-is and with no warranty of any kind, either express or implied.

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