

New Product Release

CHIP DIODES



Bourns Introduces the Model CDSOT23-T24CAN CANbus Protector for Protecting High-Speed CAN Transceivers

Riverside, California - September 11, 2015 - Bourns is pleased to announce the release of a new surge protection product, the [Model CDSOT23-T24CAN](#), for protecting Controller Area Network (CAN) interfaces.

The Bourns® Model CDSOT23-T24CAN CANbus Protector comes in a SOT23-3 package with dual bidirectional TVS diodes for protecting both lines of a single CAN interface. The minimum breakdown voltage of 26.2 V is well-suited for transceivers with internal circuitry for 24 V power supply miswiring.

The Model CDSOT23-T24CAN is designed to provide ± 30 kV contact discharge ESD protection per IEC 61000-4-2 and 500 V surge protection per IEC 61000-4-5 (Level 1). The Model CDSOT23-T24CAN improves the reliability of industrial CANbus systems and robustness against damage from ESD and other transient voltage events.

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

Should you have any questions or need additional information, please contact [Customer Service/ Inside Sales](#).

Features

- Single device for two I/O lines
- Low capacitance for high-speed CANbus
- IEC 61000-4-2 30 kV ESD
- IEC 61000-4-5 (Level 1, CWG 1.2/50) 500 V Surge
- RoHS compliant*

Applications

- High-speed CANbus
- Industrial control networks
- Smart Distribution Systems (SDS)
- DeviceNet™
- Factory and process automation systems
- Lift control systems

“DeviceNet” is a trademark of ODVA.

*RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011.