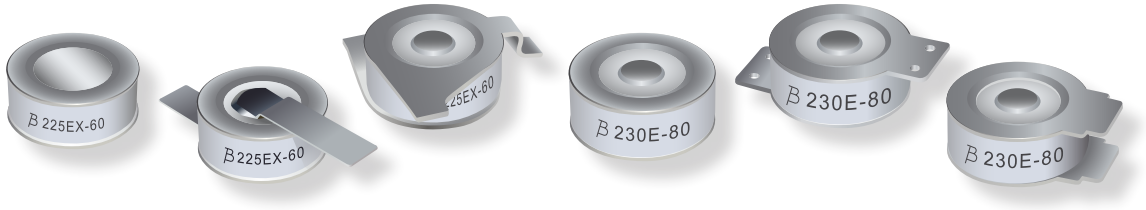
BOURNS®

NEW PRODUCT RELEASE

GAS DISCHARGE TUBES



Bourns Releases New High Energy Gas Discharge Tube Arrestors

Model GDT225EX and GDT230E Series

Riverside, California – October 3, 2024 – Bourns is pleased to announce the release of the new Model GDT225EX and GDT230E High Energy GDT Series.

This new high energy GDT offering complies with ITU-T K.12 testing methods and they are UL 1449 recognized GDT devices. These two very high surge current models complement the existing high energy GDT product line, and are designed for the upper range of industrial and AC network surge protection applications.

Series	DC Breakdown Voltage	Voltage Types	Maximum Impulse Discharge Current (8/20 µs)	
			I_{max} (1 Time)	I_n (10 Times)
GDT225EX	500 V to 800 V	3	120 kA	80 kA
GDT230E	500 V to 800 V	3	160 kA	100 kA

The introduction of the Model GDT225EX and GDT230E Series with their low-profile design is particularly fit for high-density and space-restricted applications that need an extremely high performance component for energy diversion. The ability to offer a compact solution addresses the growing need for efficient space utilization in modern electronic designs.

Please visit the Bourns website at www.bourns.com/products/circuit-protection/gas-discharge-tube-(gdt)-surge-arrestors/2-electrode-gdts for details on Bourns® 2-Electrode GDTs. For more information on Bourns® GDTs, check out our additional available resources in the Bourns® GDT Technical Library. If you have any questions, please contact Bourns Customer Service/Inside Sales.

Features

- Fast response time
- Wide operating temperature range
- High surge current rating
- Low capacitance and insertion loss
- Stable performance throughout life
- Small surface mount package
- RoHS compliant*

Applications

- Surge Protective Devices (SPDs)
- Power systems
- Industrial equipment

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

GDT2405

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