BOURNS®

Featured Products Bulletin

GAS DISCHARGE TUBES

Bourns Adds New High-Current GDT Products

Riverside, California - July 20, 2012 - Bourns is pleased to announce the release of three new series of High-Current Gas Discharge Tubes (GDTs). The new Bourns® GDTs target industrial and telecommunication applications requiring high current handling capabilities.

The 2-electrode GDT devices are offered with DC breakdown voltages ranging from 230-2200 volts and maximum surge current ratings of 25 -100 kA.

Series		Description	Package	Dimensions - Dia. x Length (mm)	DCBD Range (V)	Max. Surge Rating 8/20 µs (kA)
2061-xx-A		High-Current 2-Electrode GDT	Core	11.8 x 12.0	230-800	60
2063-xx-A		High-Current 2-Electrode GDT	Core	11.8 x 17.0	230-800	100
2097-xxx-D		Heavy-Duty High-Voltage 2-Electrode GDT	Leaded	11.8 x 17.5	1000-2200	25

Features

- High power and current rating
- High insulation resistance
- Low capacitance
- RoHS compliant*

Applications**

- Surge protection devices (SPDs)
- Power supplies
- Service entrance protection
- Branch panels
- Din-Rail protectors

Each of the series is RoHS Compliant and UL Recognized.

Product data sheets with detailed specifications and a cross reference search feature can be viewed on the Bourns website at www.bourns.com.

Please visit Bourns website at www.bourns.com for additional product details. If you have any questions, please contact Bourns Customer Service.

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

** *Please note that GDT devices should not be operated directly in power networks. The low internal resistance of these networks allows excessive follow-on current through the ignited gas discharge tube that may result in failure of the GDT caused by a turn-off failure and excessive heating. Metal Oxide Varistors or other means of limiting follow-on current must be employed to safely operate any GDT device in a power network.*