

New Product Release

GAS DISCHARGE TUBES



Bourns Releases New FLAT® Gas Discharge Tube Surge Arrestor Model 2019

Riverside, California – October 23, 2018 – Bourns is pleased to announce the release of the [Model 2019 Series](#) Gas Discharge Tube (GDT) Surge Arrestor with FLAT® Technology. Bourns again sets a new industry standard by offering a high current rated 2-electrode GDT in an innovative flat-package design. Bourns' FLAT® Technology delivers high performance in a compact package.

The Model 2019 Series is an ITU K.12 Class IV GDT device rated at 25 kA maximum on an 8/20 μ s waveform. The series is offered with DC breakdown voltages ranging from 90 to 230 V.

The new series features an innovative low profile, horizontal surface mount design that achieves a significant savings in height when compared to a standard 8 mm GDT.

Please visit the Bourns website at [https://www.bourns.com/products/circuit-protection/gas-discharge-tube-\(gdt\)-surge-arrestors/2-electrode-gdts/flat-series](https://www.bourns.com/products/circuit-protection/gas-discharge-tube-(gdt)-surge-arrestors/2-electrode-gdts/flat-series) for details on Bourns® FLAT® Series, 2-Electrode GDTs.

If you have any questions, please contact [Bourns Customer Service/Inside Sales](#).

Benefits

- Horizontal design provides a significant height and volume savings vs an 8 mm SMD Bourns® GDT
- Devices do not impact signal or system operation
- Voltage limiting suitable for sensitive equipment
- Long term reliability and performance
- Bottom-side PCB mountable
- RoHS compliant*
- Halogen free**

Features

- Compact, space-saving design
- High surge rating
- Stable performance over life
- Low leakage and insertion loss
- Constant capacitance regardless of voltage
- Low arc voltage

Applications

- Telecom equipment
- Industrial communications
- Surge Protective Devices
- High density PCB assemblies

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

** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.