



NEW PRODUCT RELEASE

GAS DISCHARGE TUBES



Bourns Expands its Next-Generation Gas Discharge Tube State-of-the-Art Offering

Model GDT35 Series

Riverside, California – November 14, 2022 – Bourns is pleased to announce the addition of a new 3-electrode Gas Discharge Tube (GDT) series to its successful and innovative next-generation GDT offering. The [Model GDT35 Series](#) expands Bourns' tradition of quality, innovation and design in GDT overvoltage surge arrestors and sets a new standard in speed and robustness.

Similar to the previously released 2-electrode [Model GDT25 Series](#), this new series provides significant improvements in protection from voltage transients caused by lightning or accidental contact with AC power lines. With improvements driven by computer modeling simulations, the Model GDT35 Next-Generation Series provides an enhanced level of voltage limiting during fast rising events to reduce stress on downstream components. For this 3-electrode version, Bourns' unique coplanarity fit allows the component to toggle in either direction until a three-point contact is established.

The low capacitance and low insertion loss make this new series an ideal solution for the protection of industrial communications, and high speed information and communication technology (ICT) equipment. The new series is RoHS compliant* and UL recognized.

Bourns is also pleased to announce the release of the new [GDT35 Design Kit](#) - part number DK-GDT35-01. This new design kit contains an assortment of five pieces each of the eight most popular Model GDT35 voltages to provide design engineers with various protection solutions for quick-turn prototype testing.

Features

- 75 V to 600 V breakdown voltages
- -55 °C to +125 °C operation
- Fast response time
- High surge current rating
- Low capacitance and insertion loss
- Stable performance throughout life
- Design kit available for quick-turn prototype testing
- UL recognized 
- RoHS compliant*

Applications

- Set top boxes
- Industrial communications
- HVAC controls
- xDSL, POTS, G.Fast
- Antennae

Please visit the Bourns website at [www.bourns.com/products/circuit-protection/gas-discharge-tube-\(gdt\)-surge-arrestors/3-electrode-gdts/standard-surface-mount-\(smd\)-3-electrode/](http://www.bourns.com/products/circuit-protection/gas-discharge-tube-(gdt)-surge-arrestors/3-electrode-gdts/standard-surface-mount-(smd)-3-electrode/) for details on Bourns® 3-electrode GDTs. If you have any questions, please contact [Bourns Customer Service/Inside Sales](#).

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