

2-Electrode Gas Discharge Tubes

1: Dimension(mm)

Fast Delivery Time 



2: Main Applications

- AC Power Lines
- Class II (class C) - Requirements
- Surge Protection Device/Surge Protector

- 100% Lead-Free(RoHS Compliant)
- Non-Radioactive
- Low capacitance ($\leq 4\text{pF}$)
- Fast Response-time,High Insulation Resistance.

4 Electrical Characteristics

| Part Number | DC Spark-over Voltage @100V/s | Impulse Spark-over Voltage @1.2/50us, 6KV | Nominal AC discharge current 50 Hz, 0.2s, 1 shots | Insulation Resistance | Arc Voltage (at 1A) | Capacitance (1MHz) |
|--------------|-------------------------------|---|---|-----------------------|---------------------|--------------------|
| | V | V | A | GΩ | V | PF |
| 2C800 | >600 | <1500 | 300 | >1 | ~30 | ≤4 |

5 Life Test

| | | |
|---------------|------------------|------|
| Item A | 15 shots 8/20us | 30KA |
| Item B | 10 shot 10/350us | 25KA |
| Item C | 15shots 8/20us | 30KA |

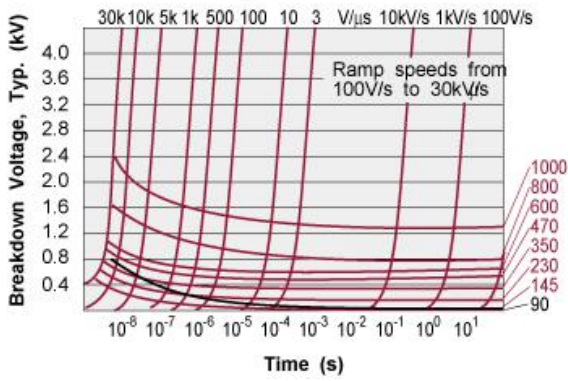
Item A based on IEC61643-11, Item B based on customer's request .For each item new gas discharge tubes shall be used.

Specifications are subject to change without notice

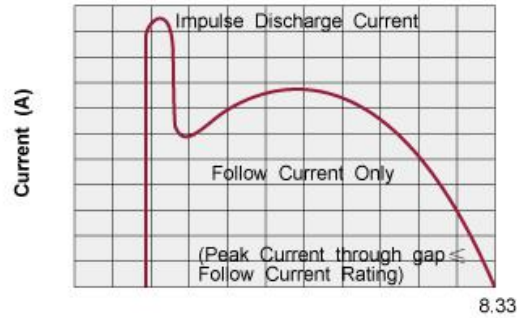
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PERFORMANCE CHARACTERISTICS

Voltage Breakdown

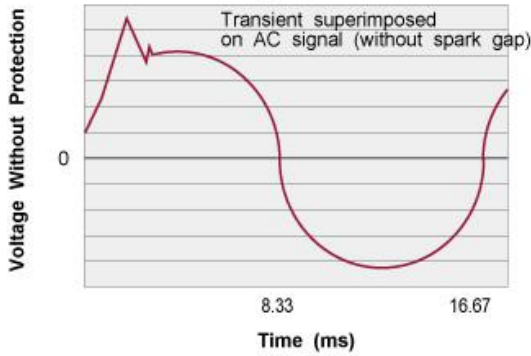


Follow-On Current

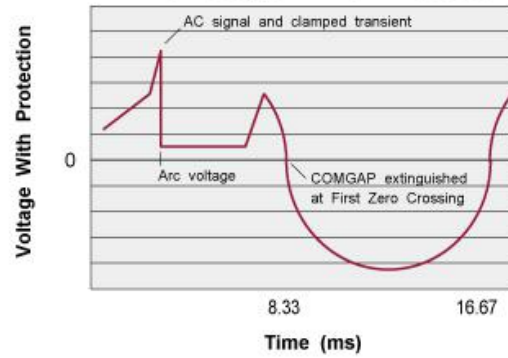


Period of Spark Gap Current (ms)

Line Voltage - No Protection



Line Voltage - With Protection



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