

2-electrode Gas Discharge Tubes

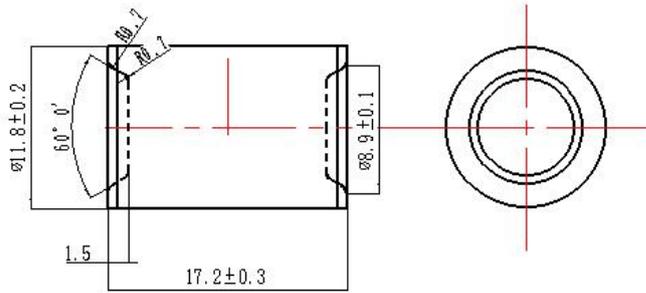
H2R12-800xx

1: Applications

- AC Power line N-PE applications
- Class I and Class II Surge protection



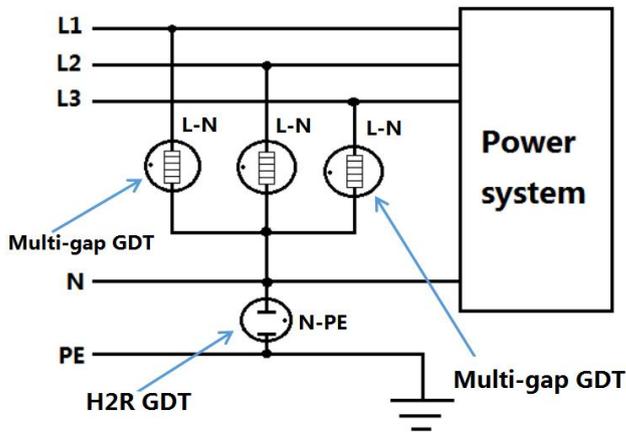
2: Dimension in mm



Specification of H2R12-800xx

Dc spark-over voltage (100V/s)	1)	>600V				
Front of wave spark-over voltage at 1.2/50us, 6KV		<1500V				
Breakdown time		<100ns				
- typical values		<20ns				
Insulation resistance @DC250V		10000MΩ				
Class I according to IEC 61643-11						
Max continuous operating voltage at 50/60 Hz	Uc	260V				
Nominal discharge current 8/20μs	In	20KA				
Impulse current 10/350μs	Iimp	8KA				
Follow Current at 50/60Hz at 255V	If	100A				
Class II according to IEC 61643-11						
Max continuous operating voltage at 50/60 Hz	Uc	260V				
Nominal discharge current 8/20μs	In	20KA				
Maximum discharge current 8/20μs	I _{max}	40KA				
Follow Current at 50/60Hz at 255V	If	100A				
capacitance at 1MHz		<3pF				
Weight		~ 8g				
UL 1449 Certification						
On the UL List						
Delivery time		20days				
Operation and storage temperature		-40°C ... +90°C				
Marking, Blue		<table border="1"> <tr> <td>2R 800</td> <td>800 - Nominal voltage</td> </tr> <tr> <td>YY</td> <td>YY - Year of production</td> </tr> </table>	2R 800	800 - Nominal voltage	YY	YY - Year of production
2R 800	800 - Nominal voltage					
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3:Application Figure



What can we do for our GDT?

- 1: We Can customize voltage: 230V,500V,800V...etc
- 2: We Can developed low impulse GDT
- 3: We Can customize $U_c, I_n, I_{max}, I_{imp}, I_f, TOV$.
- 4: We Can developed cut off follow current 100A within 1 cycle when passing zero under AC260V(50Hz)
- 5: We Can customize multi-gap GDT used in DC or AC(L-N) over voltage protection
- 6: We Can customize GDT shape, marking, special Lead wire
- 7: We Can surpass our GDT competitors, help you pass the GDT test project & improve the GDT you currently use.
- 8: We can provide fast GDT delivery, Solve your GDT delivery time problem
- 9: We can help you analyze the competitor's parameters and tell you our perfect replacement GDT part number.