

1: Applications

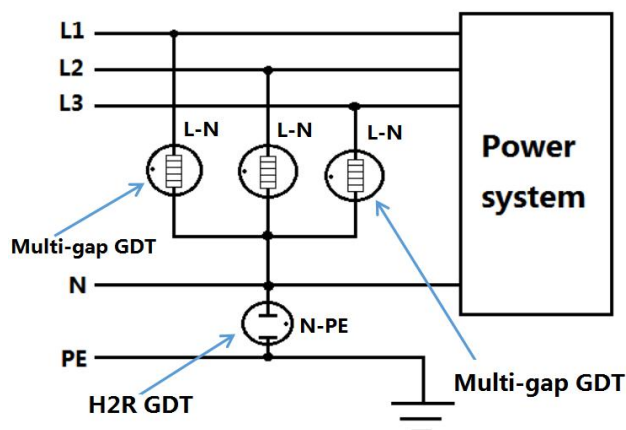
- AC Power line N-PE applications
- Class I and Class II Surge protection

2: Dimension in mm



Specification of H2R20-600			
Dc spark-over voltage (100V/s) 1)		>450V	
Maximum impulse spark-over voltage @ 1KV/μs		1400V	
Breakdown time		<100ns	
- typical values		<40ns	
Insulation resistance @DC250V		1000MΩ	
Class I according to IEC 61643-11			
Max continuous operating voltage at 50/60 Hz	Uc	255V	
Nominal discharge current 8/20μs	In	40KA	
Impulse current 10/350μs	Iimp	12.5KA	
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	255V	
Nominal discharge current 8/20μs	In	40KA	
Maximum discharge current 8/20μs	I _{max}	80KA	
Follow Current at 50/60Hz at 255V	If	100A	
AC discharge current (TOV at 1200V ,1 operation 50Hz,0.2 s)		<300A	
capacitance at 1MHz		<5pF	
Weight		~ 6g	
UL 1449 Certification			
On the UL List			
Delivery time		20days	
Operation and storage temperature		-40℃ ... +90℃	
Marking, Blue		2R600 YY	600 - Nominal voltage YY - Year of production
1) At delivery AQL 0.65 level II Military Standard 105E.			
2) In ionized mode			
Test according to ITU-T Rec. K.12.			

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_{lim} , 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.