

1: Applications

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

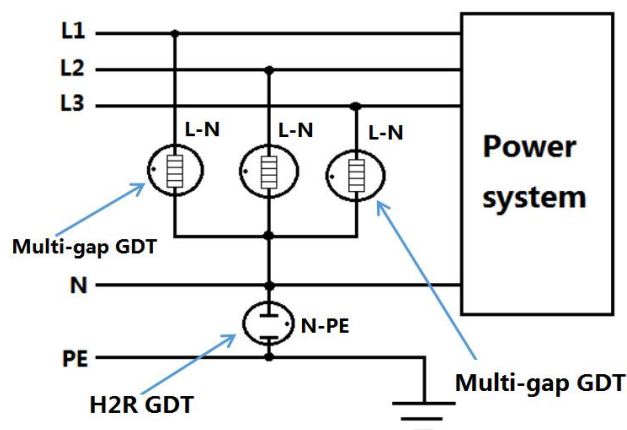
2: Dimension in mm



Specification of H2R12-600xx

Dc spark-over voltage (100V/s)	1)	600V ±20%
Maximum impulse spark-over voltage (1K-V/μs)		1100V
Breakdown time		<100ns
- typical values		<20ns
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	20KA
Impulse current 10/350μs	Iimp	8KA
Class II according to IEC 61643-11		
Max continuous operating voltage at 50/60 Hz	Uc	255V
Nominal discharge current 8/20μs	In	20KA
Maximum discharge current 8/20μs	Imax	40KA
capacitance at 1MHz		<3pF
Weight		~ 4g
UL 1449 Certification		UL
On the UL List		
Delivery time		20days
Operation and storage temperature		-40℃ ... +90℃
Marking, Blue		
1) At delivery AQL 0.65 level II Military Standard 105E.	2R 600	600 - Nominal voltage
2)In ionized mode	YY	YY - Year of production
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.