



# POWERHOUSE DISTRIBUTIONS

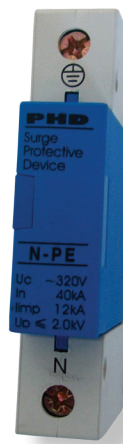
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## Din Rail Mount Surge Protection Devices: Class 1 & Class 2 (GDT, Spark Gap)

### DESCRIPTION:

The Class 1 & class 2 GDT surge protection devices are designed for AC 50/60Hz, 380V power systems and is used between the N line and PE line. It protects the electrical installation against surges, lightning and over voltage situations. When combined with the voltage limiting surge protective device, it can be used as "3+1, 2+1 and P+1" type surge protective devices for improved protection against surges and lightning.

Model	N-PE-1	G50
In accordance with	IEC61643-1:2005; UL 1449 3rd	
Max. continuous operating voltage Uc	320VAC	255VAC
Nominal discharge current (8/20) In	20kA	50kA
Max. discharge current (8/20) I <sub>max</sub>	40kA	150kA
Lightning Impulse Current (10/350) I <sub>imp</sub>	12kA	50kA
Voltage protection level Up	≤2kV	1.5kV
Response Time	≤100 ns	
Remote alarm contact	Optional	



N-PE-1



G50