

SP9-I Series

Application

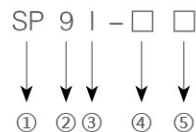


SP9 Series surge protection device (hereinafter short as SPD), suitable for three phase distribution system with rated operating voltage AC 230/400V, 50Hz, confirm to SPD class I test classification, its impulse current peak value up to 25KA (10/35 μ s), electric charge qty up to 20As, limiting the direct lightning strike, induction lightning or other instant over voltage, discharge the surge energy, to protect the system circuit and load equipment.

Suitable to coordinate with other class SPD, to form layer stack protection system, make more wide and more effective protection to the low voltage distribution system.

Standard: GB18802.1, IEC61643-1

Model Meanings



①	Surge Protection Device
②	Design code
③	Impulse test category
④	Discharge current value (15kA,25kA)
⑤	Combination mode (1P/2P/3P/4P)

Main Technical Parameters

Item & Data	Classification	
	SP9-I 15	SP9- I 25
Rated operating voltage Un(V)	230V/400V	
Nominal discharge current In (8/20 μ s)	15kA	
Max. continuous operating voltage Uc	275V 320V 385V 440V	275V 320V 385V 440V
Voltage Protection level Up	$\leq 1.5kV$ $\leq 1.6kV$ $\leq 1.7kV$ $\leq 1.8kV$	$\leq 1.8kV$ $\leq 2.0kV$ $\leq 2.2kV$ $\leq 2.4kV$
Current peak value Ipeak (10/35 μ s)	15kA	
Electric charge qty Q	7.5As	
Impulse current Iimp	15kA	
Test classification	I	
Protection class	IP20	
Protection mode	L/N-PE	
Max. ambient temperature	-40 $^{\circ}$ C ~+80 $^{\circ}$ C	
Insulation enclosure material	PBT/PA66	
Installation mode	35mm DIN Rail	

Outline And Installation Dimension (mm)

