

POWER ARRESTER (3상/병렬형)



**3상 : 3P4W
(AC220V/380V)**

Power Arrester PSP-Series is designed for AC power supplies lines.
This unit is especially beneficial for protecting a instrument from counter electromotive force by inductors and of course normal lightning surge entering through power supply lines.

FEATURE

- Applications : Protection of Measuring Environment Instruments from Surge or Lightning Induced by AC Power Supply Line.
- LED Lamp Indicate The Power ON/OFF and Operation State.
- Adopt all Materials That Acquired International Safety Standards Regulation like UL, CE, CSA Certificate.
- Protection Function : Thermal & Short Circuit Fuse, 2-Stage Surge
- Wire Connection: Paralle
- Power Line : 3-Phase 3-Wire, 3-Phase 4-Wire.
- Mounting : Wall Mounting Type
- Main Protect Materials : MOV(Metal-Oxide Varistor) Spark-Gaps
- Applications : UPS

Technical data

Model	PSP-50-		PSP-100-		PSP-150-	
	322/411	322/422	322/411	322/422	322/411	322/422
Nominal voltage	220V/AC	380V/AC	220V/AC	380V/AC	220V/AC	380V/AC
Rated voltage	275V/AC	400V/AC	275V/AC	400V/AC	275V/AC	400V/AC
Nominal Discharge current(Mode:8*20 μ sec/10*350 μ sec)	50KA		100KA		150KA / 60KA	
Max Discharge current(Phase:8*20 μ sec/10*350 μ sec)	100KA		200KA		300KA / 120KA	
Total Discharge current(3P3W)	150KA		300KA		450KA	
Total Discharge current(3P4W)	200KA		400KA		600KA	
Respons time	$\leq 25\text{nsec}$		$\leq 100\text{nsec}$		$\leq 100\text{nsec}$	
Voltage protection level at 5KA,10KA(8*20 μ sec)Up($\pm 10\%$)	$\leq 750\text{V}$	$\leq 1.35\text{KV}$	$\leq 750\text{V}$	$\leq 1.35\text{KV}$	$\leq 750\text{V}$	$\leq 1.35\text{KV}/44\text{V}$
Upstream fuse(bacck-up fuse)	125A gL/gG					
Insulation Resistance	1000MQ					
Capacitance	2pf(1MHz)					
Temperature range	-40°C to $+80^{\circ}\text{C}(\pm 5^{\circ}\text{C})$					
Ip code	IP20/NEMA					
Dimension(mm)	190W*150H*63D					
Case material	Steel					
Weight	1.8Kg					
Tested to	IEC61643-1, IEEE C62.34/IEEE C62.62 E DIN VDE 0675-6					
A1,A2 to IEC 61643-1	class II					
VDE Part 6 requirement class	C					
Ground	Isolated					
Mounting	Rail					