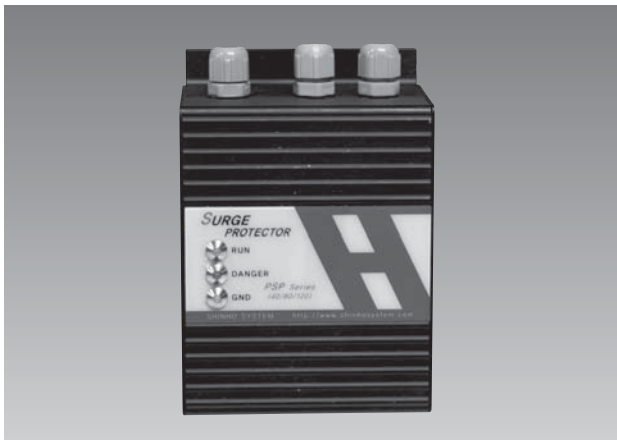


# POWER ARRESTER (단상:2P2W/병렬형)

## PSP-Series



**단상 : 2P2W  
(AC110V/220V)**

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 coursenormal 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 : Single Phase 2-Wire, Single Phase 3-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-	
	-211	-222	-211	222	-211	222
Nominal voltage	110V/AC	220V/AC	110V/AC	220V/AC	110V/AC	220V/AC
Rated voltage	150V/AC	275V/AC	150V/AC	275V/AC	150V/AC	275V/AC
Nominal Discharge current(Mode:8*20 $\mu$ sec/10*350 $\mu$ sec)	50KA / 30KA		100KA / 50KA		150KA / 60KA	
Max Discharge current(Phase:8*20 $\mu$ sec/10*350 $\mu$ sec)	100KA / 60KA		200KA / 100KA		300KA / 120KA	
Total Discharge current	150KA / 90KA		300KA / 150KA		450KA / 180KA	
Respon time	$\leq 25$ nsec		$\leq 25$ nsec		$\leq 25$ nsec	
Voltage protection level at 5KA,10KA(8*20 $\mu$ sec)Up( $\pm 10\%$ )	$\leq 750$ V	$\leq 1,35$ KV	$\leq 750$ V	$\leq 1,35$ KV	$\leq 750$ V	$\leq 1,35$ KV
Upstream fuse(back-up fuse)	125A gL/gG					
Insulation Resistance	1000M $\Omega$					
Capacitance	2pf(1MHz)					
Temperature range	-40°C to + 80°C( $\pm 5^\circ$ C)					
Ip code	IP20/NEMA					
Dimension(mm)	95W*150H*63D(50), 190W*150H*63D(100,150)					
Case material	Steel					
Weight	1.4Kg					
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					