

# POWER ARRESTERS (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 course normal lightning surge entering through power supply lines.

### FEATURE

- 적용 용: 낙뢰및 써지 발생 빈도가 높은 환경계측기기및 장비 전원 보호용
- 상태 표시장치: 전면에 계기 이상 상태표시(동작,써지 인입,접지 전위 상태표시:LED Lamp)
- 규격 제품: UL, CE, CSA 국제인증 획득 제품 사용
- 보호 기능: Thermal & Short Circuit Fuse, 2-Stage Surge Protect Noise Filtering (EMI/RFI)
- 접속 방식: 병렬형(Parallel connection)
- 전원 형 식: 단상 2선식/단상 3선식(2P2W/2P3W)
- 제품 형태: Wall Mounting type
- 제품 중요소자: MOV(Metal-oxide varistor)
- 제품 사용지역: UPS(전원공급장치)보호용에 적합

### 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)	50KA		100 KA		150KA	
Max Discharge current(Phase:8*20 $\mu$ sec)	100KA		200KA		300KA	
Total Discharge current	150KA		300KA		450KA	
Respon time	$\leq$ 25nsec		$\leq$ 25nsec		$\leq$ 25nsec	
Voltage protection level at 5KA(8*20 $\mu$ sec)Up	$\leq$ 800V	$\leq$ 1,35KV	$\leq$ 800V	$\leq$ 1,35KV	$\leq$ 800V	$\leq$ 1,35KV
Upstream fuse(bacck-up fuse)	125A gL/gG					
Insulation Resistance	1000MQ					
Capacitance	2pf(1MHz)					
Temperature range	-40C to +80C					
Ip code	IP20/NEMA					
Dimension(mm)	168W*78H*63D(mm)					
Case material	Steel					
Weight	1.4Kg					
Tested to	IEC61643-1 E DIN VDE 0675-6					
A1,A2 to IEC 61643-1	class .					
VDE Part 6 requirement class	C					
Ground	Isolated					
Mounting	Wall					