

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 MEASUREING ENVIRONMENT MEASRUNG 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 Protect Noise Filtering(EMI/RFI)"
- Wire Connection: Paralle
- POWER LINE : SINGLE PHASE 2 WIRE,SINGLE PHASE 3 WIRE"
- MOUNTING : WALL MOUNTING TYPE
- MAIN PROTECT MATERIALS : MOV(Metal-oxide varistor)
- APPLICATIONS: UPS

Technical data

Model	PSP-40-		PSP-80-		PSP-120-	
	-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 μ sec)	40KA		80KA		120KA	
Max Discharge current(Phase:8*20 μ sec)	80KA		160KA		240KA	
Total Discharge current	120KA		240KA		360KA	
Respons time	≤ 25 nsec		≤ 25 nsec		≤ 25 nsec	
Voltage protection level at 5KA(8*20 μ sec)Up($\pm 10\%$)	≤ 750 V	≤ 1.35 KV	≤ 750 V	≤ 1.35 KV	≤ 750 V	≤ 1.35 KV
Upstream fuse(bacck-up fuse)	125A gL/gG					
Insulation Resistance	1000M Ω					
Capacitance	2pF(1MHz)					
Temperature range	-40'C to + 80'C($\pm 5^{\circ}$ C)					
Ip code	IP20/NEMA					
Dimension(mm)	92W*151H*60D					
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					