

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 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 : POWER LINE : 3 PHASE 3 WIRE, 3PHASE 4 WIRE"
- MOUNTING : WALL MOUNTING TYPE
- MAIN PROTECT MATERIALS : MOV(Metal-oxide varistor)
- APPLICATIONS: UPS

Technical data

Model	PSP-40-		PSP-80-		PSP-120-	
	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)	40KA		80KA		120KA	
Max Discharge current(Phase:8*20 μ sec)	80KA		160KA		240KA	
Total Discharge current(3P3W)	120KA		240KA		360KA	
Total Discharge current(3P4W)	160KA		KA		480KA	
Respons time	≤ 25 nsec		≤ 100 nsec		≤ 100 nsec	
Voltage protection level at 5KA(8*20 μ sec)Up($\pm 10\%$)	≤ 750 V	$\leq 1,35$ KV	≤ 750 V	$\leq 1,35$ KV	≤ 750 V	$\leq 1,35$ KV
Upstream fuse(bacck-up fuse)	125A gL/gG					
Insulation Resistance	1000M Ω					
Capacitance	2pf(1MHz)					
Temperature range	-40 $^{\circ}$ C to + 80 $^{\circ}$ C($\pm 5^{\circ}$ C)					
Ip code	IP20/NEMA					
Dimension(mm)	189W*151H*60D					
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					