

POWER ARRESTER (단상 :2P2W/직렬형)

PSP 30/50 Series



**단상 : 2P2W
(AC110V/220V)**

Power Arrester PSP-30/50 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: DIRECT CONNECTION
- POWER LINE : SINGLE PHASE 2 WIRE
- MOUNTING : Rail Mounting type
- MAIN PROTECT MATERIALS : MOV(Metal-oxide varistor)

Technical data

Model	PSP-30-		PSP-50-	
Nominal voltage	11P	22P	11P	22P
Rated voltage	110V/AC 150V/AC	220V/AC 275V/AC	110V/AC 150V/AC	220V/AC 275V/AC
Nominal Discharge current(Mode:8*20 μ sec)	25KA		50KA	
Max Discharge current(Phase:8*20 μ sec)	50KA		100KA	
Total Discharge current	75KA		150KA	
Respons time	15nsec		15nsec	
Voltage protection level at 5KA(8*20 μ sec)Up(\pm 10%)	\leq 750V	\leq 1.35KV	\leq 750V	\leq 1.35KV
Upstream fuse(bacck-up fuse)	125A gL/gG			
Insulation Resistance	1000M Ω			
Capacitance	2pf(1MHz)			
Alarm contact operating voltage	250V/AC 124V/DC			
operating current(AC/DC)	1A/30mA			
Temperature range	-40°C to + 80°C(\pm 5°C)			
Ip code	IP20/NEMA			
Dimension(mm)	78W*177H*50D			
Case material	Steel			
Weight	1,2Kg			
Tested to	IEC61643-1, IEEE C62.34/C63.62 E DIN VDE 0675-6			
A1,A2 to IEC 61643-1	class II			
VDE Part 6 requirement class	C			
Ground	Isolated			
Mounting	Wall			