

# POWER ARRESTER (단상 :2P2W/직렬형)

## PSP-RS Series



**단상: 2P2W  
(AC110V/220V)**

Power Arrester PSP-RS 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-RS-		PSP-40-RS-		PSP-50-RS-	
	11P	22P	11P	22P	11P	22P
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)		25KA		40KA		50KA
Max Discharge current(Phase:8*20 $\mu$ sec)		50KA		80KA		100KA
Total Discharge current		75KA		120KA		150KA
Respons time		25nsec		25nse		25nsec
Voltage protection level at 5KA(8*20 $\mu$ sec)Up( $\pm$ 10%)	$\leq$ 750V	$\leq$ 1,35KV	$\leq$ 750V	$\leq$ 1,35KV	$\leq$ 750V	$\leq$ 1,35KV
Upstream fuse(bacck-up fuse)	125A gL/gG					
Insulation Resistance	1000M $\Omega$					
Capacitance	2p(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)	33W*106H*94D					
Case material	Steel					
Weight	800g					
Tested to	IEEE 61643-1/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					