

# 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	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)	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					