

# ARRESTER(for AC power)

SHN-PRR125/250



Power Arrester SHN-PRR 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.

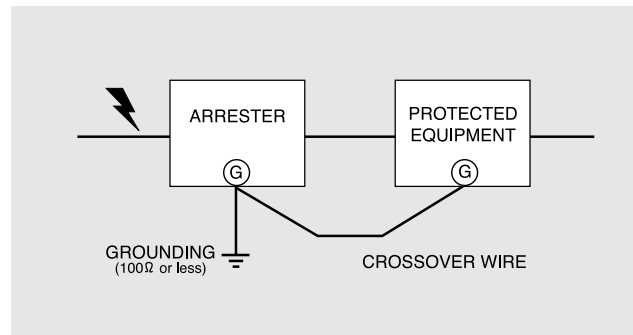
- APPLIED TECHNIQUE : BASE ON ANSI/IEEE CATEGORY "A"/"C"

## GENERAL SPECIFICATIONS

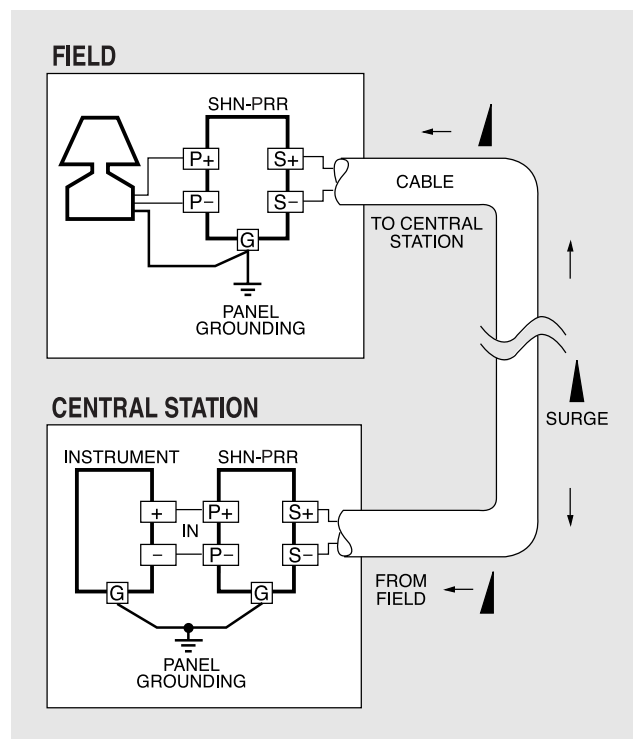
MODEL	SHN-PRR 125	SHN-PRR 250
Input	AC & DC Power	
Discharge	btwn lines	300V or more(peak)
Voltage	btwn lines & GND	500V or more(peak)
Max.Surge	btwn lines	345V or less
Voltage	btwn lines	600 or less
Response Time	2 nsec or less	
Discharge Current	3000A (8×20) $\mu$ s	
Max. Load Curren	5A	
Internal Series Resistance	Approx. 0.4 $\Omega$ (including return)	
Leakage btwn lines	0.1mA or less(at 150V DC)	0.1mA or less(at 300V DC)
Current btwn lines & GND	0.1mA or less(at 300V DC)	
Max. Line DC Voltage	170V DC	350V DC
Max. Line AC Voltage	120V AC	250V AC
Operating Temperature	-5°C~+60°C	
Operating Humidity	90% RH Max.	
Dimensions	W23,5×H102×D62(mm)	
Weight	140g	
Mounting	Wall Mounting Type	

## GROUNDING

A crossover wire between ARRESTER ground and ground or metallic housing of equipment is required for protection.



## CONNECTION DIAGRAM



## BLOCK DIAGRAM

