POWER ARRESTER(10KA)

10KA / 20KA
AC Line (단상용)

Power Arrester SHN-PRR125-1R/250-1R 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
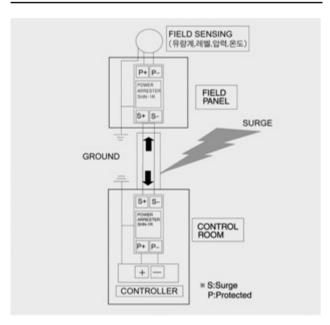
FEATURE

- Applications : AC Power Supply Line.
- Protection of Measureing Environment Measrung Instruments fromSurge or Lightning Induced by AC Power Supply Line.
- 2-Step Surge Protection Function.
- Applied Technique : Base on ANSI/IEEE Category.
- Adopt all Materials That Acquired International Safety Standards Regulation like UL, CE, CSA Certificate.
- Easy to Maintain by Plug-In Type.
- For Use : AC 110 / 220V Power Supply Line.
- Easy to Mounting by Din-Rail Mounting Braket.
- Compact Size
- Contains Thermal & Short Circuit Fuse.
- Contains the Thermal Fuse to Protect Overheat and Surge.
- Surge Suppression Voltage : Applied ANSI / IEEE C62.41 Cat
  (AC 220V : 1.2 X 50μs 20 KV & 8 X 20μs AT 10KA, 1.3KVpk)
  (AC 110V : 1.2 X 50μs 10KV & 8 X 20μs AT 10KA,700Vpk)
- Contain Noise Filter Curcuits.

CONNECTION DIAGRAM

GENERAL SPECIFICATIONS

Model		SHN-PRR125-1R	SHN-PRR250-1R
Input(AC Power)		AC 110V, 50/60Hz	AC 220V, 50/60Hz
Rated voltage		150V/AC	275V/AC
Dischage voltage	Line/Line	300V or more(peak)	500V or more(peak)
	Line/Ground	500V or more(peak)	700V or more(peak)
Response time		25nsec or less	25nsec or less
Discharse current(8×20μsec)		10kA/Mode 20kA/phase	10kA/Mode 20kA/phase
Max road Current		5A(10A/15A : option)	5A(10A/15A : option)
Protected Voltage(±10%)		750V or less	1.35KV or less
Internal Series Resistance		Aprrox0.4Ω (including return)	APRrox0.4Ω (including return)
Leakage Current		0.1mA or less	0.1mA or less
Operating Temp		-40~80℃ / 90%RU	-40~80℃ / 90%RU
Dimensions		W23.5 × H90 × D62(mm)	W23.5 × H90 × D62(mm)
Case		NEMA / IP20	NEMA / IP20
Mounting		DIN / KS Rail Mounting, Wall Mounting	DIN / KS Rail Mounting, Wall Mounting
Grounding		Isolated	Isolated