POWER ARRESTER(10KA)

SHN-PRR125-1R/250-1R



FEATURE

- APPLICATIONS: AC POWER SUPPLY LINE
- PROTECTION OF MEASUREING ENVIRONMENT MEASRUNG INSTRUMENTS FROM SURGE OR LIGHTNING INDUCED BY AC POWER SUPPLY LINE.
- 2 STEP SURGE PROTECTION FUNCTION
- APPLIED TECHNIQUE: BASE ON ANSI/IEEE CATEGORY "A"/ "C"
- ADOPT ALL MATERIALS THAT ACQUIRED INTERNATIONAL SAFETY STANDARDS REGULATION LIKE UL, CE, CSA CERTIFICATE
- EASY TO MAINTAIN BY PLUG-IN TYPE
- FOR USE AC110/220V 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 C6241 CAT (220V: 1,2 X50 u sec 20 KV & 8 X20 u sec AT 10KA,1.3KVpk)

(110V: 1,2 X50 u sec 10 KV & 8 X20 u sec AT 10KA,700Vpk)

• CONTAIN NOISE FILTER CURCUITS

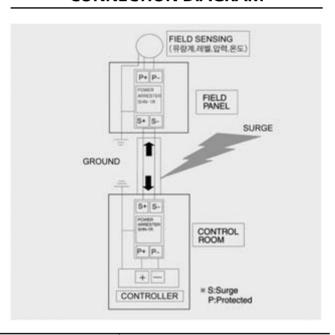
GENERAL SPECIFICATIONS



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

CONNECTION DIAGRAM



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	Line/Line	300V or more(peak)	500V or more(peak)
voltage	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		Aprrox0.4 Q (including return)	APRrox $0.4Q$ (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 \times H90 \times 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