

POGPONG

AC Line Surge Protector

Model : SPD130PN

Max. surge current 30kA for 8/20uS



Fast response time

Thermal sensing MOV

Low-Let through voltage

Metal Enclosure

Easy to installation

Since Electronic technology continues to advance at a rapid pace with the move towards mini-arisation through large scale integrated circuitry. This results to lower susceptibility of the sensitive electronics components or system to electrical transient or surge caused by Lightning or Power Line fault Induction.

SPD130PN Series AC line surge protector SPD has been specically developed to match to the AC Line surge protection requirement of surge protection on AC line low voltage application, according to the recommendation of various standards such as ANSI/IEEE, AS/ NZS, BS, UL etc.

Specification

Electrical Systems

Normal Line Voltage	220 Vrms $\pm 15\%$
Load Current	Unlimited
No. of Phase	1 phase 3 wire
Line Frequency	47-53 Hz

Protection Configuration

Installation	Parallel
Protection Mode	All mode
Response time	$< 5 \text{ nS}$
Isolation Resistance	1000 M Ω
Leakge current	$< 5 \text{ mA}$ at AC 320 Vrms

Surge Performance

Max. Surge Current Rating	30kA for 8/20uS
N-G Surge Current Rating	20kA for 8/20uS
Energy Absorption	$> 760 \text{ J}$ @2mS
Let-through voltage	$< 780 \text{ Vp}$ at Cat. C1
Max. Clamping Voltage (@ ac 50Hz)	320 Vrms

Monitor & Display

Protective Sensing	Thermal Fuse inside MOV
Protective Display	LED Status

Physical

Enclosure	Metal
Operating Temperature	$-40^{\circ}\text{C} - 55^{\circ}\text{C}$
Dimension	$120 \times 50 \times 60 \text{ (L} \times \text{W} \times \text{H) mm}$
Weight	0.23kg

Standards

ANSI/IEEE C62.41-1991, ANSI/IEEE C62.45-1991, UL-1449 (third editor), AS/NZS 1768-1991, BS-6651, IEC1000-4-5, IEC61643-1

Approval

UL CSA

