

POWER SERIES PROTECTOR

[PLP1-240]



**“PROTECTS YOUR HOME,
BUSINESS AND INDUSTRIAL
FROM LIGHTNING SURGE”**

DESCRIPTION

Efficient solution for in-line protection from transient surge. It works by limiting the impulse voltage from several thousand volts to its clamping voltage .

APPLICATION

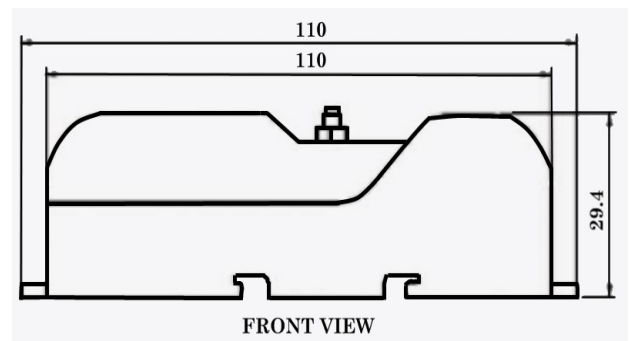
- Suitable for installation for low current operated equipment up to 5A. Design to suit the needs for direct installation from power supply such as CCTV, fire alarm panel and telemetry system.

FEATURES AND BENEFITS

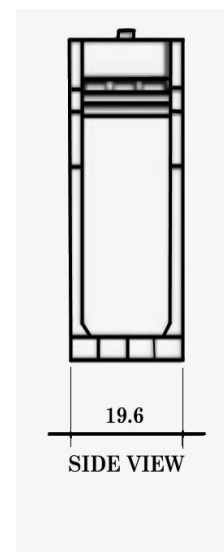
- Provides a range of transient and operating performance characteristic to protect AC power line connected directly to equipment.
- Appropriate as the transient protection for SCADA and telemetry system, interfacing system as well as alarm monitoring system.
- Easy installation with DIN rail foot to be incorporated to the system.
- Light indicator provided to indicate functionality of protection.



DIMENSION



FRONT VIEW



SIDE VIEW

ELECTRICAL SPECIFICATIONS

SPECIFICATION

PLP1-240

Description/type	Low Current Surge Protector
Protection mode	Full Mode (L-N,L-E,N-E)
Connection Type	Series
Protection Stage	All MOV
Nominal voltage (RMS)	220 / 230 / 240V AC RMS
Working voltage (RMS)	200V - 280V AC RMS
Max. Load Current	1A – 5A
Max. Load Drop	< 0.2V at full load
Temperature range	-40 to +85°C
Working Humidity	0 – 90%
Working Frequency	40Hz – 60Hz
Peak surge handling per mode (8/20 μ s)	15kA
Let Through Voltage	<500V
Standard compliance	IEEE C62.41-1991 Cat A, B, C; BS 6651-1999 Cat A, B, C; IEC 61000-4-5; IEC 61643-1-2; UL 1449 Second Edition
Response Time	<2ns
Weight	450g
Earth Leakage	<25 μ A