



Surge Protector

User Manual

Model : SP001P-AC110

AC Power Surge Protector for power AC100-120



Introduction

SP001P-AC110 is a surge protector designed to protect power from high voltage surges, with up to AC100 to 120V for power input..

Features

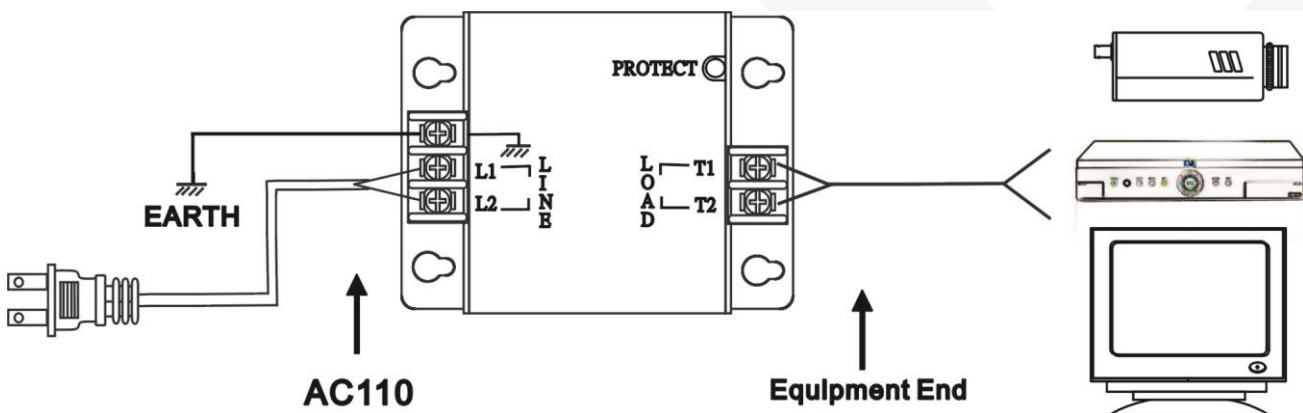
- Supports power input up to AC100 to 120V
- Response time less than 1 ns.

SP001P-AC110 AC Power Surge protection Device Terminal Connector

- Terminal connector to terminal connector.
- Application for protect AC100-120V
- Providing protection for equipments or instruments with power consumption below 8Amp.

Installation View

SP001P-AC110



Installation Instruction

1. Connect the protected equipment to "LOAD" T1, T2 terminal.
2. Connect AC power cord to "LINE" L1, L2 terminal.
3. The all terminals without voltage polarity restrictions.
4. To ensure the effective protection of your equipment, the ground terminal "E" must be grounding and grounding resistance should less 100Ω.

LED Indication

1. LED on: normal
2. LED off: failed

Caution

Make sure the grounding terminal "E" connect to the lightning protection grounding. Do not access to the power ground wire, ground rod, and gas pipelines

Specification

ITEM NO.	SP001P-AC110
Support	
Nominal Peak Voltage	Greater than 150V
Surge Current Capacity	6000A (8 x 20uS)
Surge Voltage Capacity	6000V (1.2uS x 50 uS)
Response Time	Less than 0.1 uS
Max. Load Current	8A
Leakage Current	Less than 1mA (at 150VAC)
Ports & Interfaces	
Power Input	1 x 3-pin Terminal Block (1 Pin for Earth)
Power Output	1 x 2-pin Terminal Block
Ambient Temperature	
Operation	0 to 55°C
Storage	-20 to 85°C
Humidity	Up to 95%
Physical Characteristics	
Dimensions	67 x 87 x 28.5mm
Weight	140g