



Surge Protector

User Manual

Model : SP001P

Power Surge Protection



Introduction

SP001P is a surge protector designed to protect AC/DC power from high voltage surges, with up to AC40V/ DC56V power input.

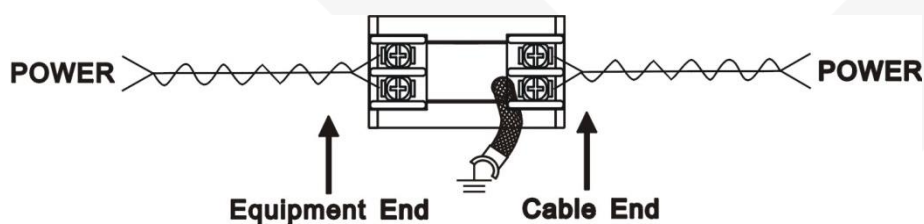
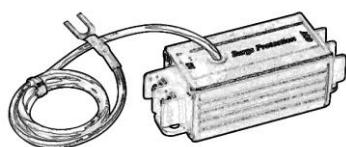
Features

- Supports power input up to AC40V/ DC 56V.
- Response time less than 1 ns.

SP001P Power Surge protection Device

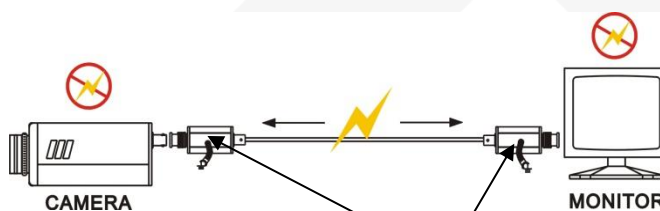
- 2 pin terminal for power input to 2 pin terminal for power output.
- Two stage protection, AC/DC 130V
- Max power input AC 40V(MAX), DC 56V(MAX)
- Max current up to 2Amp.

Installation View



Application

- CATV System
- Antenna of Television
- Video Cassette Recorders
- FM receivers
- Video Cameras and monitors
- Multiplexers and Quad Processor



Note

For ensuring the unit can protect equipments, the cable must be connected to ground.

Specification

| | |
|--------------------------|-----------------------------|
| ITEM NO. | SP001P |
| Support | |
| Power Input | AC 40V(Max), DC56V(Max) |
| Band Pass | 0~1 GHz |
| Power Passing Capacity | AC/ DC 130V, 65 Vrms at 10A |
| Max. Surge Voltage | 4kV |
| Surge Resistance | 0Ω (Approximately) |
| Resistance Across Coax | 10,000 MΩ (Typical) |
| Insertion Loss | Less than 0.2 dB |
| Return Loss (75 Ω) | 16dB |
| Life Span | 300 Surges at 100A |
| Response Time | Less than 1 ns |
| Ports & Interfaces | |
| Input Interface | 1 x Terminal |
| Output Interface | 1 x Terminal |
| Ambient Temperature | |
| Operation | 0 to 55°C |
| Storage | -20 to 70°C |
| Humidity | Up to 95% |
| Physical Characteristics | |
| Dimensions | 82.4 x 25.4 x 25.4mm |
| Weight | 65g |