

AC Power Surge Protection Device

ITEM NO.: SP001P-AC110, SP001P-AC220



Features:

- Performs a different function than grounding requirements.
- Providing protection against lightning stroke for AC power loops.
- Protects equipment from high voltage surges from nearby lightning strikes.

SP001P-AC110 AC Power Surge protection Device Terminal Connector

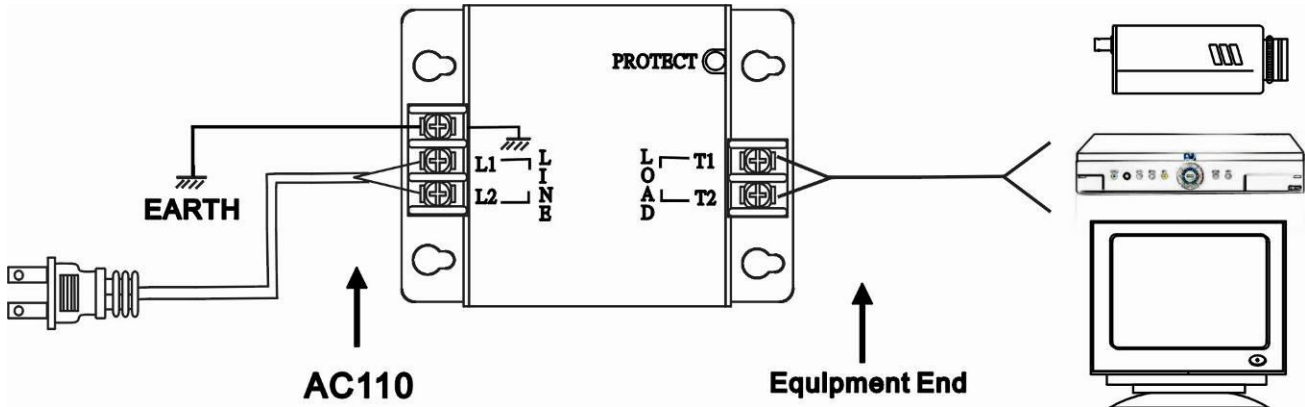
- Terminal connector to terminal connector.
- Application for protect AC100-120V
- Providing protection for equipments or instruments with power consumption below 8Amp.

SP001P-AC220 AC Power Surge protection Device Terminal Connector

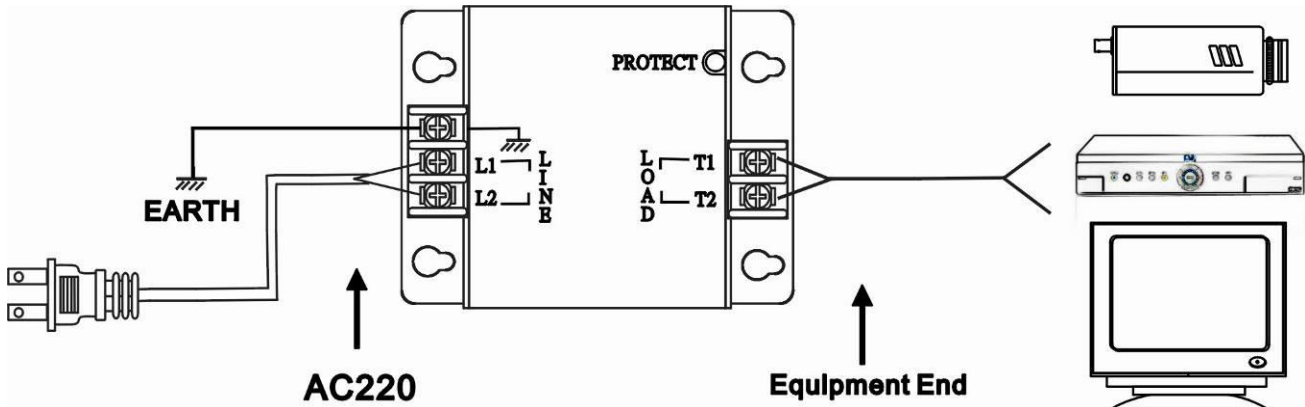
- Terminal connector to terminal connector.
- Application for protect AC220-240V.
- Providing protection for equipments or instruments with power consumption below 4Amp.

Installation View:

SP001P-AC110



SP001P-AC220



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	SP001P-AC220
Nominal peak voltage	Wire	>150V	>300V
	Wire~grounding	>150V	>300V
Surge Current Capacity		6000A (8x20uS)	
Surge Voltage Capacity		6000V (1.2uS x 50 uS)	
Response time		<0.1uS	
Leakage current	Wire	<1mA (at150VAC)	<1mA (at300VAC)
	Wire~grounding	<1mA (at150VAC)	<1mA (at300VAC)
Max. Load Current		8A (Max)	4A (Max)
Temperature		Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%	
Material		Metal Black	
Dimension	mm	67 x 87 x 28.5	
Weight	g	140	



Rev. C