

## AC Power Surge Protection Device

**Item No. TB-001ACP-110V, TB-001ACP-220V**

### Features :

- Performs a different function than grounding requirement.
- Providing protection against lightning stroke for AC power loops.
- Protects equipment from high voltage surges from nearby lightning strikes.
- Providing protection for equipments or instruments with power consumption below 10Amp.

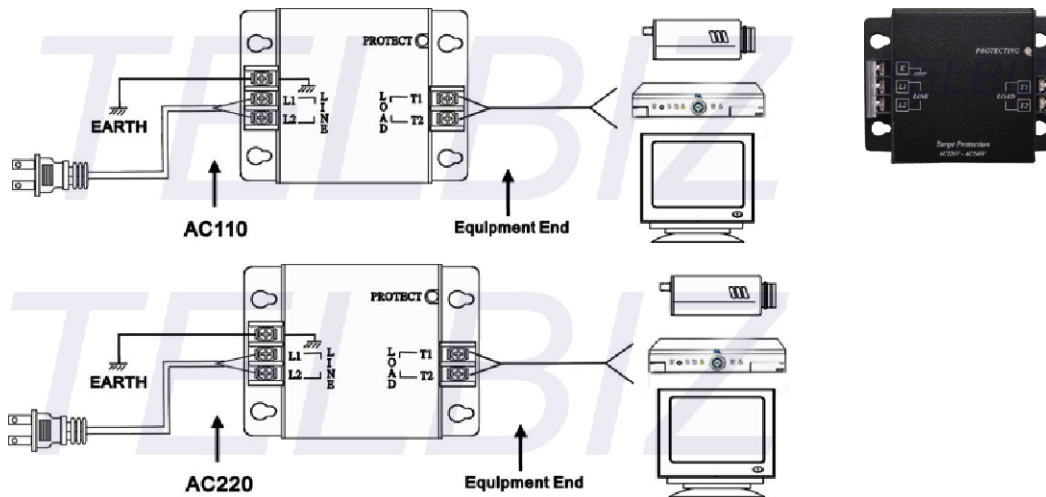
### TB-001ACP-AC110 AC Power Surge Protection Device Terminal Connector

- Terminal connector to terminal connector
- Application for protect AC100 - 120V

### TB-001ACP-AC220 AC Power Surge Protection Device Terminal Connector

- Terminal connector to terminal connector
- Application for protect AC220 - 240V

### Installation View:



### 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 100ohm

### 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.		TB-001ACP-AC110	TB-001ACP-AC220
Nominal Peak voltage	Wire	> 150V	>300V
	Wire-grounding	>150V	>300V
Surge Current Capacity		6000A (8 X 20uS)	
Surge Voltage Capacity		6000V (1.2uS X 50uS)	
Response time		<0.1uS	
Leakage current	Wire	<1mA (at150VAC)	<1mA (at300VAC)
	Wire-grounding	<1mA (at150VAC)	<1mA (at300VAC)
Max. Load Current		10Amp (Max)	
Temperature		Operation : 0 to 55 C, Storage : -20 to 85 C, Humidity : up to 95%	
Connectors		Terminal	
Material		Metal Black	
Dimensions WxHxD mm		87 x 67 x 27 mm	
Weight (g)		130 g	