

**Low Voltage Surge Protector**  
**Model Number: SP-24DC10-2P**

**Product Description:**

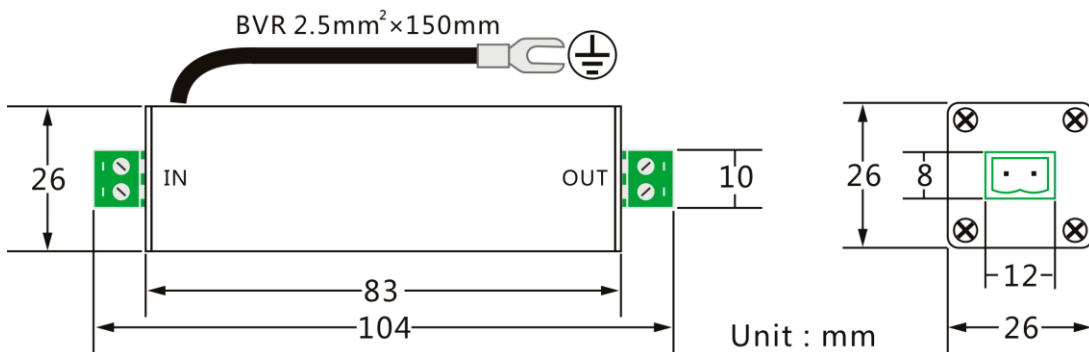
SP-24DC10-2P is low voltage surge protector. It is mainly applied to low voltage AC or DC lightning protection of electrical equipment, including surveillance, communication, electric power, railway, medical, factory automation control systems, etc.



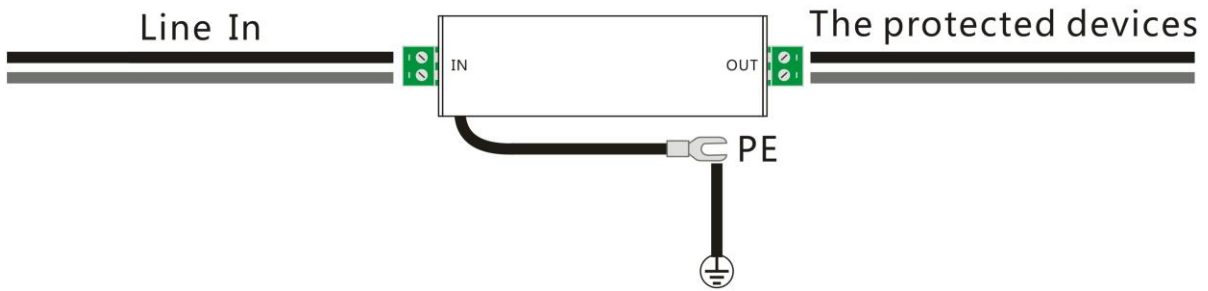
**Technical Parameter:**

Working Voltage Un (V)	24
Limiting Voltage Up (V)	60
Normal Discharge Current In (kA)	5
Maximum Discharge Current Imax (kA)	10
Response Time (ns)	1
Insert Loss (dB)	≤0.2
Terminal Type	2P
Weight (g)	70
Working Temperature	-40°C ~ +80°C
Working Humidity	<95% Non-condensation

**Dimension:**



**Installation Diagram:**



**Installation Instructions:**

	No	Step
	1	Connect the negative power line to the negative terminal IN (1)
	2	Connect the positive power line to the positive terminal IN (2)
	3	Connect the negative power line of devices to the negative terminal OUT(3)
	4	Connect the positive power line of devices to the positive terminal OUT(4)
	5	Connect ground lead (5) to the grounding device

**Use Tips:**

1. This product is connected in series and should be installed in dry and dustproof environment.
2. Please select the products same as interface type of protected device.
3. IN is input terminal and OUT is the output terminal on surge protector. Input terminal connects outside line while output terminal is connected to input of protected devices.
4. PE lines of surge protector must be reliable connection with the ground lead of lightning protection system. Ground lead should be shortness, thickness and straightness ( $4 \text{ mm}^2 < \text{our recommendation} < 50 \text{ mm}^2$ ).
5. During the period of use, surge protector should be inspected regularly. If any failure occurs, it should be repaired or replaced in time to ensure the safety of the protected equipment.
6. If device fails, do not disassemble or repair it by yourself. Please contact us timely.