Model PSP-48DC10

48V Din-rail Surge Protector

Product Datasheet

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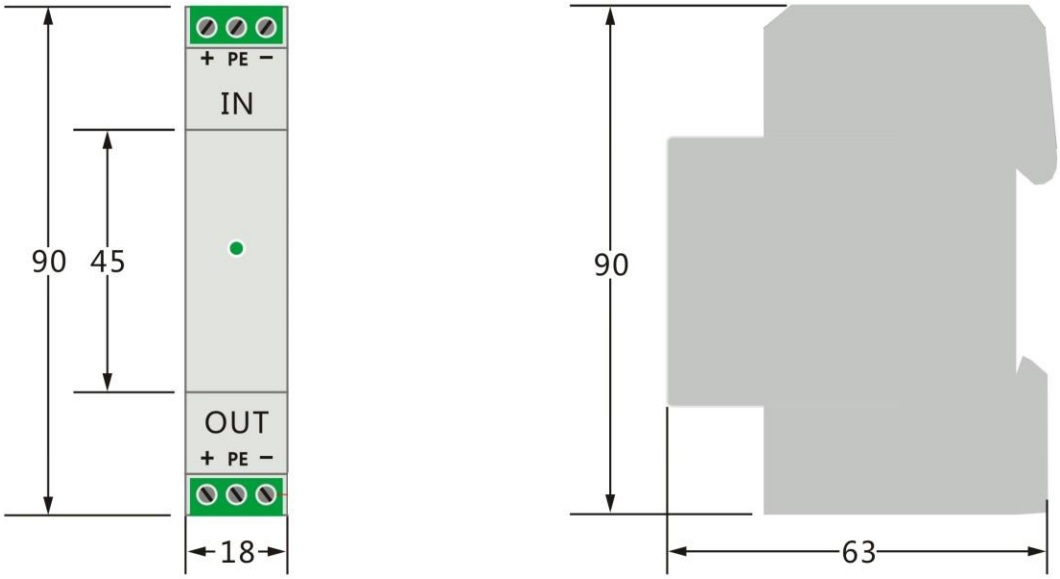
PSP-48DC10 is 48V Din-rail Surge Protector. It is mainly used to protect electrical equipment from low-voltage AC or DC lightning, including surveillance, communication, electric power, railway, medical and factory automation control systems.

Features

- Compact size, rail-mounted design
- Suitable for protecting 48V power line
- High discharge capacity, low residual voltage and minimal insertion loss
- Built-in self-restoring discharge element for long service life

Dimension



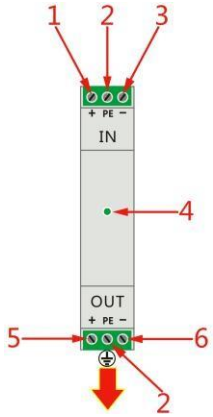
Note: Dimension error value ±1 mm

Technical Parameter

Category	Description
Working Voltage Un (V)	48
Normal Discharge Current In (kA)	5
Maximum Discharge Current Imax (kA)	10
Response Time (ns)	1
Insert Loss (dB)	≤0.2
Weight (g)	100
Working Temperature	-40℃ ～ +80℃
Working Humidity	＜95% Non-condensation

Installation Diagram

Installation Instructions



No	Step
1	Strip the copper core out of positive pole, place it in the screw clip and fix (1)
2	Connect the grounding wire, the inlet and outlet wires of the module only need to be connected to the ground side (2)
3	Strip the copper core out of negative pole, place it in the screw clip and fix (3)
4	The status indicator light constantly goes on under normal conditions, goes off when fault or failure occurs (4)
5	Strip the copper core out of the positive pole, place it in the screw clip and fix (5)
6	Strip the copper core out of the negative pole, place it in the screw clip and fix (6)