



Model SP-48DC10

48V Din-rail Surge Protector

Product Datasheet



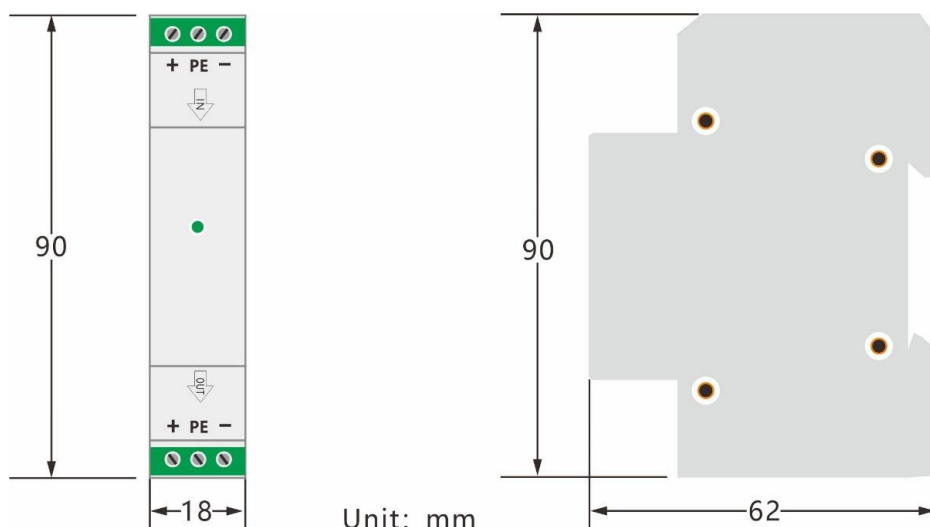
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SP-48DC10 is 48V Din-rail Surge Protector. It is mainly used to protect electrical equipment from low-voltage AC or DC lightning, including surveillance, communication, electric power, railway, medical and factory automation control systems.

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



Unit: mm

Note: Dimension error value ± 1 mm

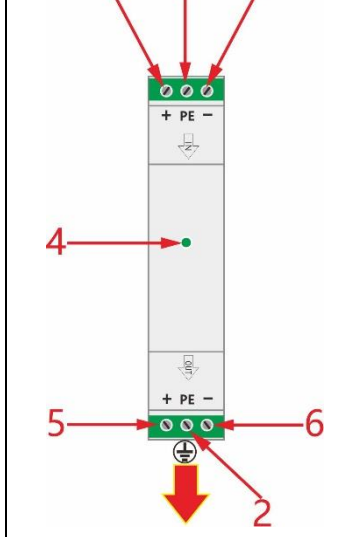
Technical Parameter

Working Voltage Un (V)	48
Maximum Continuous Operating Voltage Uc (V)	60
Normal Discharge Current In (kA)	5
Maximum Discharge Current Imax (kA)	10
Voltage Protection Level Up (V)	400
Enclosure Material	PC
Enclosure Protection Rating	IP20
Maximum Conductor Cross-section	1.5mm ²
Operating Status	Status Indicator
Response Time (ns)	25
Weight	47g/PC
Working Temperature	-40°C ~ +80°C
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)



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