

## SP6 Series

### Application



SP6 series surge protective device suitable for mobile communication station, satellite receiver, GPS equipment, antenna system of computer LAN system, used to prevent damage to the receiver equipment caused by the antenna feeder induction of lightning strike, electrostatic discharge and over voltage. Installed at the boundaries of LPZOA to LPZ1 zone, used for mobile communication system, GPS equipment, medium and small power capacity short wave communication station, CCTV&CATV system, electronic information system equipment.

### Model Meanings

SP 6 - □ / □ □ □  
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 ① ② ③ ④ ⑤ ⑥

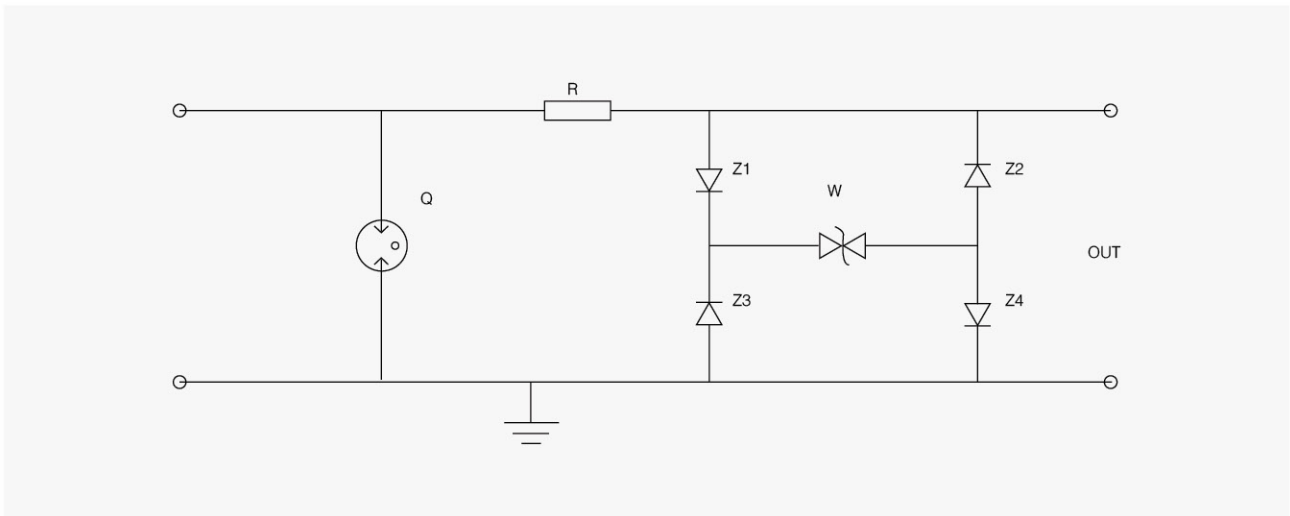
①	Surge Protection Device (SPD)
②	Design code
③	Terminal: BNC, N, TNC, L9, CC4, F
④	Impedance: 50-50Ω 75-75Ω
⑤	Frequency bandwidth: A-20kHz B-1MHz C-2MHz D-10MHz E-40MHz F-100MHz
⑥	Operating voltage: 5-DC5V 12-DC12V 24-DC24V

### Main Technical Parameters

Classification Item & Data	SP6-BNC		SP6-N		SP6-TNC		SP6-L9		SP6-CC4		SP6-FL10	
	75D24	75E24	50D24	50E24	50D24	50E24	50D24	50E24	50D24	50E24	75D24	75E24
Frequency bandwidth (MHz)	10	40	10	40	10	40	10	40	10	40	10	40
Terminal type	BNC		N		TNC		L9		CC4		FL10	
Wave impedance	75Ω		50Ω									
Rated operating voltage Un(V)	DC24											
Max. continuous operating voltage Uc(V)	DC30											
Nominal discharge current In (8/20μs)kA	10											
Response time (ns)	<10											
Insert loss	≤0.1dB											
Protection level Up (8/20μs)	<120											
Notes	Outer case earthing											

## SP6 Series

### Electrical Schematic



### Product Features

- Big Lightning pass through capacity 10kA 8/20 $\mu$ s;
- Low insert loss, low residual voltage;
- Short response time, easy installation.

### Outline And Installation Dimension (mm)

