

## SP5-RJ11

### Application

SP5-RJ11 series surge protective device (hereinafter brief as SPD), suitable for circuit of MODEM, DDN special line, FAX, TELEPHONE etc. Used to prevent the lightning surge and network over voltage damage to the equipment.

Installed at the data cable port between LPZ1 to LPZ3 zone, suitable for MODEM(ISDN, ADSL), DDN Special line, Fax, telephone terminal equipment with RJ11 connection port, can as per customer request to combine multi-poles or multi-way signal lightning protective box.



### Main Technical Parameters

Item & Data	Classification		SP5-RJ11						
	AC110	BC110	CC110	AC48	BC48	CC48	AC24	BC24	CC24
Specification	AC110	BC110	CC110	AC48	BC48	CC48	AC24	BC24	CC24
Protect pin position	3, 4	2, 5	2,3,4,5	3, 4	2, 5	2,3,4,5	3, 4	2, 5	2,3,4,5
Rated operating voltage $U_n(V)$	DC110			DC48			DC24		
Max. Continuous operating voltage $U_c(V)$	DC150			DC60			DC30		
Limiting voltage $U_p(10/700\mu s) V$	$\leq 500$			$\leq 200$			$\leq 120$		
Impulse protection voltage $U_r(1kV/\mu s) V$				$\leq 600$					
Nominal discharge current $I_n(8/20\mu s) kA$				5					
Response time (ns)				$< 1$					
Frequency bandwidth				5					
Insert loss				$< 0.5dB$					
Terminal port type				RJ11					
Protection mode				Full protection mode					
Housing material				Shielded Aluminum					

### Product Features

- Small cross section of circuit loop, good performance of induction voltage drop protection
- Less residual voltage, quick response
- Have dual protection of over voltage and over current

### Electrical Schematic

