

SP5-RJ45

Application



SP5-RJ45 series SPD is specially made for protection of LAN network, token ring network, its rough protection, well protection and fine protection functions can match the requirements of different lightning protection zone, the product terminal input and output adopt RJ45 male/female connector, easy connection, easy installation, product design confirm to IEC61643-2DRAFT standard, mainly used for server, working station (LAN), HUB, broadband RJ45 terminal port protection, to prevent the increasing of earth potential or line inductive over voltage damage to the equipment.

Installed at RJ45 terminal port of data cable between LPZ1 to LPZ3 zone, suitable for computer network (internet, LAN, token ring network), server, Router, HUB, broadband.

Main Technical Parameters

Item & Data	Classification							
	SP5-RJ45							
Specification	DD5	ED5	DD12	ED12	DD24	ED24	DD48	ED48
Protect pin position	1, 2, 3, 6	3, 4, 5, 6	1, 2, 3, 6	3, 4, 5, 6	1, 2, 3, 6	3, 4, 5, 6	1, 2, 3, 6	3, 4, 5, 6
Rated operating voltage U_n (V)	DC5		DC12		DC24		DC48	
Max. Continuous operating voltage U_c (V)	DC6		DC15		DC30		DC60	
Limiting voltage U_p (10/700 μ s) V	≤ 40		≤ 60		≤ 120		≤ 200	
Impulse protection voltage U_r (1kV/ μ s) V	≤ 600							
Nominal discharge current I_n (8/20 μ s) kA	5							
Response time (ns)	<1							
Frequency bandwidth	10							
Insert loss	<0.3dB							
Terminal port type	RJ45							
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

