

**signal lightning protector RS232 protector
DB connector 5KA 12V-24V**



Description

Series signal protector designed for communication network line not to be spoiled by lightning over-voltage, induced over-voltage and static discharge. This series product have connector with 9 needles,15needles,25needles,are widely used in communication security, network to protect data line, control line.

Features of signal protector

- Multi. Protection circuits, Gas-Tube+ TVS technology
 - Dual protection in Common module and different module
 - TVS array technology, low capacitance
- Multi-Strike Capability

Application Of signal protector

Designed for communication network line not to be spoiled by lightning over-voltage, induced over-voltage and static discharge.

- Telecommunication, CCTV, networking system.
- RS232 serial device, DB15 display interface device, DB25 printer interface device, etc.
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Specification

Model	D12DB9-3	D12DB9-9	D24DB15-15
Lightning projection zone(LPZ)	2		
Standards Compliance	IEC61000, EN60950		
According to IEC61643	III		

According to DIN VDE6075 Part6(Draft 11.89) A1,A2	D		
Max continuous operating voltage U _c	12V	24V	
Nominal discharge current (8/20μs) I _n	3KA		
Max discharge current I _{max} (8/21μs) I _{max}	5KA		
Limiting Voltage(10/700μs) component wire-grounding	≤40V	≤100V	
Cut-off Frequency f _G	20MHz		
Response time t _A (L-N/N-PE)	1ns		
Protection line	2,3,5	1-9	1-15
Mounting	Be Installed between protected equipment and signal line		
Protection port	3 Needles	9 Needles	15 Needles
Transmission standards	10Mbps		
Dimension	85*25*25mm	102*55*25mm	102*55*25mm
Compression plug	≥250mm		
IP code(IEC EN 60529)	IP54		
Interface form	DB9-J/K		DB15
Material/color	Aluminum/Blue		
Insertion loss	≤0.5dB		
Working conditions	Temperature: -40 to 85℃, Relative humidity: ≤95%		

Installation And Wiring Diagram of D12DB9-3 surge protector
