

Series Signal Module

Model: D12DB9-9

APPLICATIONS:

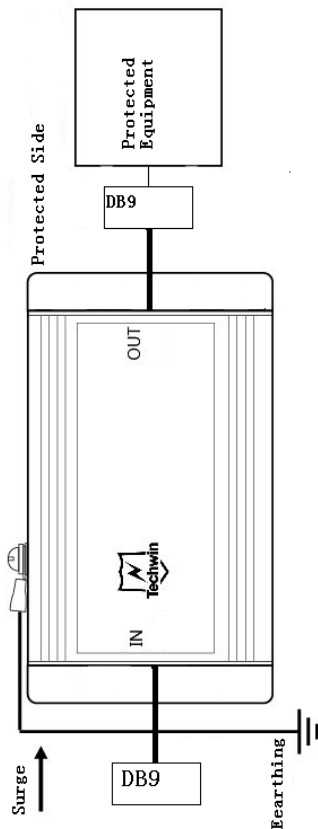
Designed for communication network line not to be spoiled by lightning over-voltage, induced over-voltage and static discharge.

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

FEATURES:

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

TECHNICAL PARAMETER:



Model	D12DB9-9
Electrical Parameter	
Max. continuous operating voltage U_c	12V
Nominal discharge current (8/20 μ s) I_n	3kA
Max. discharge current (8/20 μ s) I_{max}	5kA
Limiting voltage (10/700 μ s) U_p	X-X: $\leq 60V$ X-C: $\leq 500V$
Adapt transmission rate	10Mbps
Insertion loss	$\leq 0.5dB$
Response time T_a	1ns
Interface form	DB9
Protection way	1-9
Protection port	9
Input/Output	DB9-J/K
Mechanical characteristics	
Dimension	102 × 55 × 25mm
IP Code	IP20
Working conditions	Temperature: -40 to 85°C, Relative humidity: $\leq 95\%$
Standard	IEC61000, IEC61643-21, RoHS

ANDA Telecom Pvt. Ltd.

ISO 9001:2008 Certified Company

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INSTALLATION AND MAINTENANCE:

- a) The SPD should be connected in series between protected device and signal transmission channel.
- b) The input terminal (IN) of the SPD should connect to the signal transmission channel, and the output terminal (OUT) of the SPD should connect to the protected device.
- c) Connect earthing wire of the SPD to earthing bus-bar of the lightning protection system.
- d) No special duty needs to be carried out for maintenance. When working malfunction and the SPD is suspected, check the system without SPD installed. Should system recover, the SPD shall be damaged and must be replaced immediately.

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