

Model : ATZ RJ45-SPD-G

Description : Single port Gigabit Network Surge Protection Device



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This surge protector refer to GB / 2004 / IEC61643 - T18802.21 2006 strikes design

Features:

Function characteristics:

Design for computer network signals, especially for the high speed network switch devices, modem, fax, data communication, etc. This protection device provides over-voltage protection with over-voltage sensing, preventing over-voltage and electronic discharge damage. It has multi-level protection, flow capacity, low clamping voltage, fast response time, low insertion loss, transmission rate advantages.

Usage environment:

Temperature: -40°C~70°C ;

Relative humidity : ≤95% ;

Atmospheric pressure : 70kPa~106 kPa.

Working principle:

Surge protector link to protect front-end equipment. When transmission lines are expose to lightning and other instantaneous over-voltage shock, the impulse current through the surge protector protection branch will be discharged into the earth, maintaining the output voltage limit in the device to keep within voltage range, thereby preventing damage of the operating equipment.

Specifications:

Nominal working voltage Un	5V	
Maximum continuous operating voltage Uc	6V	
Maximum discharge current I _{max} (8/20μs)	1-2,3-6	0.3KA
	4-5,7-8	0.3KA
	1,2,3,6,4,5,7,8-PE	3KA
Protection Level Up (10/700/μs)(Line-Line)	1-2, 3-6 < 20V	
	4-5,7-8 < 20V	
Insulation resistance MΩ	≥0.4MΩ	
Insertion loss dB	≤0.5dB	

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All specifications are subject to change without prior notice.

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Proximal crosstalk	≥60 dB (PASS)
Bandwidth FG	(0.3~250)M
Transmission rate Vs	1000 M
Response time Ta	≤1ns
Protection Grade	IP20
Dimensions	40*25*100mm
Case Material	Aluminium shield
Lines of protection 4 Pairs	(1-2, 3-6, 4-5,7-8)
Interface type	RJ45

Package contents:

1X Single port Gigabit Network Surge Protection Device

Warranty: 1 Year

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.