

# SURGE PROTECTOR PRODUCT

16 Ports CAT6 RJ45 Poe Surge Arrester Poe Switch 1000m



## FEATURES

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

## APPLICATIONS

Designed for Ethernet device not to be spoiled by lightning over-voltage, induced over-voltage and static discharge.  
CAT6, CAT5e and CAT5 compatible  
802.3af  
10/100/1000 Base-T Gigabit Ethernet protection  
LAN, FDDI, CDDI, ATM, WLAN  
PDH, SDH, SPDH  
Industrial control



## TECHNICAL PARAMETER

Model	SP-SNH-RJ45/POE/16
Electrical Parameter(Network & Power)	
Nominal operating voltage Un	48V
Max. continuous operating voltage Uc	60V
Nominal discharge current(8/20 $\mu$ s)In	5kA
Max. discharge current (8/20 $\mu$ s)Imax	10kA
Limiting voltage Up	
Line-line (@6kV, 10/700 $\mu$ s)	$\leq 150V$
Line-line (@3kA, 8/20 $\mu$ s)	$\leq 150V$
Adapt transmission rate	1000Mbps
Insertion loss	$\leq 0.5dB$
Protection line	8-Jan
Response time	1ns
Load current	250mA
Application	16 channel Cat. 6
Mechanical characteristics	
Dimension	44 $\times$ 106 $\times$ 482mm
Weight per unit	2130g
Protection grade	IP20
Working conditions	
	Temperature: -40 to 85 $^{\circ}C$ , Relative humidity: $\leq 95\%$
Standards compliance	
	CE, FCC, RoHS, ISO9001 IEC61643-1, CE,RoHS FCC SGS, IEC 61312-1, IEC 61312-3 (pending), IEC 61024-1, IEC 61000-4-5, IEC 61643-1-1, IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-2-1 (pending), IEC 61643-1, NFC 61740, VDE 0675, UL 1449, BS 6651