

SURGE PROTECTOR PRODUCT

CAT5e,CAT6 Uc: 60V I_{max}: 5kA Protection line 1/2,3/6 1000Mbps



FEATURES

- Multi. Protection circuits, Gas-Tube+ TVS technology
- Dual protection in Common module and different module
- TVS array technology, low capacitance
- Multi-Strike Capability
- IP65 enclosure providing full outdoor operation capability

APPLICATIONS

- 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
Electrical Parameter(Network &Power)	
Nominal operating voltage Un	48V DC
Max. continuous operating voltage Uc	Power : 60V Network : 6V
Nominal discharge current (8/20 μ s) I _n	3kA
Max. discharge current (8/20 μ s) I _{max}	5kA
Limiting voltage U _p	
Up	Power: \leq 200V Network: \leq 25V
Line-line (@6kV, 10/700 μ s)	\leq 150V
Line-line (@3kA, 8/20 μ s)	\leq 150V
Line-Line	\leq 20V
Adapt transmission rate V _s	1000Mbps
Insertion loss A _e	\leq 0.5dB
Response time T _a	\leq 1ns
Protection line	8-Jan
Interface form	RJ45
Load Current	500mA
Application	Cat.6
Mechanical characteristics	
Dimension	100*87*28
Weight per unit	120g
IP Code	IP20
Working conditions	Temperature: -40 to 85°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