

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
- Supports surge protection modes for both Line-to-Line and Line-to-Ground, covering all pins (1-2, 3-6, 4-5, 7-8).
- Supports Plug-and-Play installation.
- Protection against transient surges and temporary over voltages (TOVs).



APPLICATIONS

- CAT6, CAT5e and CAT5 compatible
- IEEE 802.3af , IEEE 802.3at
- 10/100/1000 Base-T Gigabit Ethernet protection
- LAN, FDDI, CDDI, ATM,WLAN
- PDH, SDH, SPDH
- Industrial control
- DIN Rail

TECHNICAL PARAMETER

Model	SP-SNH-RJ45/POE
Electrical Parameter(Network & Power)	
Nominal operating voltage U _n	48V DC
Max. continuous operating voltage U _c	57V DC
Nominal discharge current (8/20μs) I _n	3 kA
Max. discharge current (8/20μs) I _{max}	5 kA
Limiting voltage U _p	
Line-line (@ 6kV , 10 / 700 μs)	≤ 150V
Line-line (@ 3kA , 8 / 20μs)	≤ 150V
Line-Line	≤ 20V
Adapt transmission rate V _s	1000 Mbps
Insertion loss A _e	≤ 0.5 dB
Response time T _a	≤ 1 ns
Protection line	8 - Jan
Interface form	RJ45
Load Current	500mA
Application	Cat 6
Mechanical characteristics	
Material	ZnO (UL94V-0)
Dimension	30 (H) × 56 (W) × 100 (L) mm.
Weight per unit	120g
IP Code	IP40
Working conditions	Temperature: - 40 to 85 °C, Relative humidity: ≤ 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 IEEE C62.41.1-2002, ITU-T Rec. K.12

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