

# SURGE PROTECTOR PRODUCT

CAT5e,CAT6 Uc: 60V I<sub>max</sub>: 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 / 802.3at
- 10/100/1000 Base-T Gigabit Ethernet protection
- LAN, FDDI, CDDI, ATM,WLAN
- PDH, SDH, SPDH
- Industrial control
- DIN rail : 35mm



## TECHNICAL PARAMETER

Model	SP-SNH-RJ45/POE
Electrical Parameter(Network &Power)	
Maximum voltage protection (V <sub>MAX</sub> )	20KV/8KA
Nominal operating voltage U <sub>n</sub>	48V DC
Max. continuous operating voltage U <sub>c</sub>	Power : 60V Network : 6V
Nominal discharge current (8/20 $\mu$ s) I <sub>n</sub>	3kA
Max. discharge current (8/20 $\mu$ s) I <sub>max</sub>	5kA
Limiting voltage U <sub>p</sub>	
U <sub>p</sub>	Power: $\leq$ 200V Network: $\leq$ 25V
Line-line (@6kV, 10/700 $\mu$ s)	$\leq$ 150V
Line-line (@3kA, 8/20 $\mu$ s)	$\leq$ 150V
Line-Line	$\leq$ 20V
Adapt transmission rate V <sub>s</sub>	1000Mbps
Insertion loss A <sub>e</sub>	$\leq$ 0.5dB
Response time T <sub>a</sub>	$\leq$ 1ns
Protection line	8-Jan
Interface form	RJ45
Load Current	250mA
Application	Cat.6
Mechanical characteristics	
Dimension	100*87*28
Weight per unit	120g
IP Code	IP20 : thermoplastic, UL94 V-0
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 61643-11, IEC 61643-1-2 (pending), IEC 62066 (pending), IEC 61643-21, IEC 61643-1, NFC 61740, VDE 0675, UL 1449, BS 6651