

SURGE PROTECTOR PRODUCT

IP65 Waterproof **CAT5E**, CAT6 , Uc: 60V , Imax: 5kA , Protection line 1/2,3/6, 1000Mbps



FEATURES

- Injects regular CAT.5, CAT6 input and 48VDC power input into POE Type output
- Multi protection circuits, gas-tube+TVS technology Ensuring excellent performance
- Dual protection in common mode and differential mode
- TVS Array technology with low capacitance
- Multi-strike capacity
- Large discharge capacity and fast response time
- Outdoor usge with protection shell

APPLICATIONS

3. **POE network signal surge protector** specially designed for active Ethernet (Power Over Ethernet). This surge protector **uses plastic shell**, with graceful appearance, easy installation and wiring.



TECHNICAL PARAMETER

Model	SP-SNH-RJ45/POE-OD	
Power parameter		
Working Voltage Un	48VDC	
Max.continuous operating voltage Uc	60VDC	
Nominal discharge current(8/20us)In	5kA	
Max, discharge current(8/20us)Imax	10kA	
Protection level (10/700us) Up	1.6kv	
protection line	1/2 3/6	
Ethernet Parameter		
Max. continuous operating voltage Uc	5V	
Limiting voltage (10/700μs) Up	Line-ground	≤500V
line-line		≤20V
Nominal discharge current(8/20μs)In	3kA	
Max. discharge current (8/20μs)Imax	5kA	
Adapt transmission rate Vs	5.1000Mbps	
Insertion loss Ae	≤0.5dB	
Response time Ta	≤1ns	
Protection line	1/2,3/6	
protection ports	2.	1/2, 3/6
connector type (input/output)	RJ45/RJ45	one channel
Mechanical characteristics		
Size	122(H) ×102(W) ×71(L)mm	
Weight per unit	260g	
IP code	IP65	
work condition	6. Temperature: -40 to 80°C, Relative humidity: ≤95%	
Standards Compliance	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	