

Ethernet Power Supply Arrester

Model: ATPOE1000-RJ45

APPLICATIONS:

Designed for Ethernet device not to be spoiled by lightning over-voltage, induced over-voltage and static discharge.

- CAT5 compatible
- 802.3af
- 10/100/1000 Base-T Gigabit Ethernet protection
- LAN, FDDI, CDDI, ATM, WLAN
- PDH, SDH, SPDH
- Industrial control

FEATURES:

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

TECHNICAL PARAMETER:

Model	ATPOE1000-RJ45
Electrical Parameter(Network & Power)	
Nominal operating voltage Un	48V
Max. continuous operating voltage Uc	57V
Nominal discharge current (8/20μs) In	3kA
Max. discharge current (8/20μs) Imax	5kA
Limiting voltage Up	
Line-line (@6kV, 10/700μs)	≤150V
Line-line (@3kA, 8/20μs)	≤150V
Adapt transmission rate Vs	1000Mbps
Insertion loss Ae	≤0.5dB
Protection line	1-8
Response time Ta	1ns
Load current	250mA
Application	Cat. 6
Mechanical characteristics	
Dimension	79(L)×50(W)×25(H)mm
Weight per unit	83g
Protection grade	IP20
Working conditions	Temperature: -40 to 85°C, Relative humidity: ≤95%
Standards compliance	IEC61000, RoHS

