

## Ethernet Power Supply Arrester

Model: AT POE5-48

### APPLICATIONS:

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

- CAT5e and CAT5 compatible
- 802.3af
- 10/100 Base-T 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

### TECHNICAL PARAMETER

Model: ATPOE5-48

#### Power Parameter

Working voltage  $U_n$  48V

Max. continuous operating voltage  $U_c$  60V      Nominal discharge current (8/20 $\mu$ s)  $I_n$  5kA

Max. discharge current (8/20 $\mu$ s)  $I_{max}$  10kA      Protection level (8/20 $\mu$ s)  $U_p$  150V

Protection line 4/5, 7/8

#### Ethernet Parameter

Max. continuous operating voltage  $U_c$  5V

Limiting voltage (10/700 $\mu$ s)  $U_p$  Line-Ground  $\leq$  500V

Line-Line  $\leq$  20V, Nominal discharge current (8/20 $\mu$ s)  $I_n$  3kA

Max. discharge current (8/20 $\mu$ s)  $I_{max}$  5kA, Adapt transmission rate 100Mbps

Insertion loss  $\leq$  0.5dB,      Protection line 1/2, 3/6      Response time  $t_A$  1ns

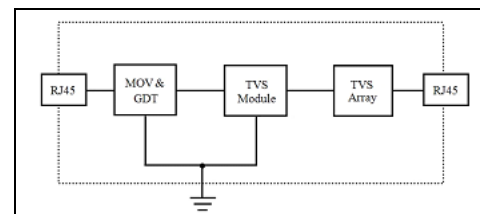
#### Mechanical characteristics

Dimension 28(H) $\times$ 48(W) $\times$ 110(L)mm

Weight per unit 120g      IP Level IP40

Working conditions Temperature: -40 to 85 $^{\circ}$ C,

Relative humidity:  $\leq$  95%      Standards Compliance IEC61000, RoHS



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