

SP-GE-01

Gigabit Ethernet 1-Port Surge Protector



The SP-GE-01 Series is designed to work on Category 5e Gigabit Ethernet (GE) transmission lines as well as Category 6 applications. They are ideal to protect expensive equipment against surges and transients entering a building on exposed transmission lines. Available in both Single unit and Rack mountable surge protectors with female to female RJ-45 connectors.

Features

- Ethernet 10/100/1000Base-T Data line protection
- Exceeds CAT 5 & 6 Transmission Values
- Fast energy absorption when over-voltage occurs
- Low series resistance and minimal capacitance values to preserve the data information

Specifications

| | | | |
|--|-----------|----------------------------------|---------------------------|
| Operating Voltage | Un 5V | Data rate | 10/100/1000Mbps |
| Max. continuous operating voltage | Uc 6V | Bandwidth / Insertion Loss | fG 250Mhz ; Ae < 0.5dB |
| Peak Current Normal Mode (line to ground, 8 /20uS) | In 2.5KA | Connector / Data Lines Protected | RJ45 ; 8 |
| Peak Current Common Mode (line to line, 8/20uS) | In 300A | Operating Temperature | -40 ~ 80°C degree |
| Voltage protection level (line to ground,10/700uS) | Up <=500V | Dimensions | 38 x 106 x 26 mm (1-port) |
| Voltage protection level (line to line,10/700uS) | Up <=30V | Weight | 75g (1-port) |
| NM Surge Response Time (ns) | tA <1ns | Certification | IEC 61644-1 |

Ordering Information

| Model Name | Description |
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| SP-GE-01 | 1-port RJ45 10/100/1000Base-T Ethernet Surge Protector (pin 1,2,3,4,5,6,7,8) |

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Example: SP - GE - 01