

The single-port network signal SPD

1) Product description:

This product is designed according to IEC standards and relevant national standards. Apply to lightning surge protection of computer data interface or network data system of electronic equipment.

- ◆ It is applied to discharge, clamping, voltage stability principle, to achieve an efficient and reliable anti-shock feature high-voltage pulse and accurate clamping voltage.
- ◆ With advantage of low-volume design, excellent transmission performance, fast response, low insertion loss.
- ◆ It is designed with advantage of large intake capacity and long lifetime.
- ◆ Wiring installation is convenient and maintenance is simple.
- ◆ It is suitable for lightning and surge protection of network servers, routers, network switches, HUB, computer networks, 1000M Ethernet, IP phones and other devices in the network information terminal line.

2) Product parameters:

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|---|--|----------|
| TYPE: | RJ45/4 | RJ45/8 |
| Operating Voltage (Un): | 5V | 5V |
| Max. Continuous Operating Voltage (Uc): | 8V | 8V |
| Nominal Discharge Current (8/20μ s) (In): | 3KA | 3KA |
| Max. Discharge Current (8/20μ s) (Imax.): | 5KA | 5KA |
| Limit voltage (10/700 μ s): | ≤15V | ≤15V |
| Interface Model: | RJ45 | RJ45 |
| Protected Core Wire: | 1,2,3,6 line | 1~8 line |
| Transmission rate (bit / s): | 100M | 1000M |
| Insertion Loss (dB): | ≤0.3dB | ≤0.3dB |
| Working Environment: | Temperature -25°C +70°C;Relative humidity<95%; | |
| Dimension(mm): | 100×38×30mm | |
| Weight(kg): | 0.125kg | |

3) Product installation:

1. The product is installed between the RJ45 interface signal channels which is at the junction of LPZ01 area and LPZ3 area and the protected device, the output end will connect the protected equipment.
2. All wirings must be solid and be connected by electrical.
3. Apply to indoor operation, such as outdoors installation, you must install waterproof shell.
4. Lightning proof grounding should be consistent with lightning protection regulatory requirements, grounding wire should be as thick and short as possible, resistance should be less than 10Ω. The grounding line: $BVR \geq 2.5mm^2$.

