



Data Line protector

RJ45 connector crimp terminal 5kA 5V

Techwin RJ45 Lightning Arrester (SPD) for cat5/5e, 10/100Mbps Base-T Ethernet surge arrester



Description

Data line protector series are mainly used in TCP/IP communication network to protect electrical and electronic equipment's signal line from the impact of lightning electromagnetic pulse, induced over voltage, transient operation and resonance over voltage.

Features

- Multi. Protection circuits, Gas-Tube+ TVS technology
- Dual protection in Common mode and differential mode
- TVS array technology, low capacitance
- Multi-Strike Capability
- RJ45 connector

Application

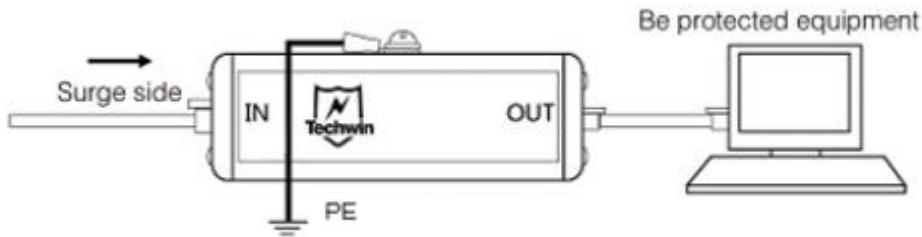
- CAT5/5e compatible
 - 10/100Mbps Base-T Ethernet protection
 - LAN, FDDI, CDDI, ATM
 - PDH, SDH, SPDH
 - Industrial control
 - Loss prevention system device; Security system; Security integration.
- IASP; VSCS; ESA; ACS; exit-inlet control system; exit-inlet control system



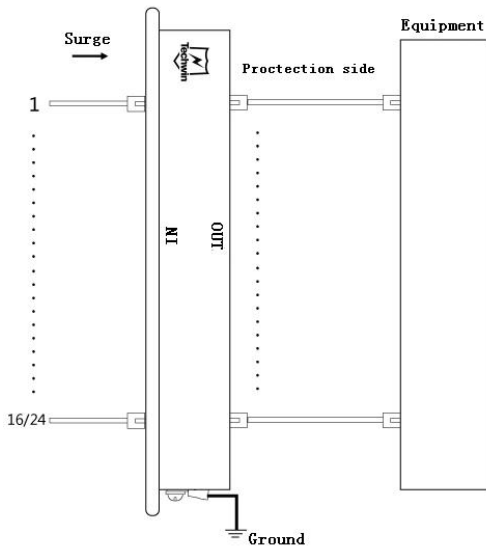
Specification

Model	D05J4	D05J4-4	D05J4-8	D05J4-16	D05J4-24
Lightning projection zone(LPZ)	2				
Standards Compliance	IEC61000, EN60950,GB/T18802.21-2002,TB/T2311-2002				
According to IEC61643	III				
According to DIN VDE6075 Part6(Draft 11.89) A1,A2	D				
Max continuous operating voltage Uc	5V				
Nominal discharge current (8/20μs) In	3KA				
Max discharge current I _{max} (8/21μs) I _{max}	5KA				
Rated load current I _L	200mA				
Limiting Voltage(10/700μs)	≤20V				
Cut-off Frequency f _G	250MHz				
Response time t _A (L-N/N-PE)	1ns				
Protection line	1/2,3/6				
Protection port	1	4	8	16	24
Mounting	Be Installed between protected equipment and signal line				
Adapt Transmission rate	100Mbps				
Transmission standards	10BaseT/ 100BaseT TX,CAT5				
Dimension	85(L)×25(W)×25(H) mm	106(L)*75(W)*31(H))mm	190 (L)×85(W)×48(H)mm	482 (L)×86(W)×44(H)mm	
Interface form	RJ45				
IP code(IEC EN 60529)	IP20				
Error rate	≤10 ⁻¹²				
Material/color	Aluminum/Blue、 black				
Insertion loss	≤0.5dB				
Working conditions	Temperature: -40 to 85℃, Relative humidity: ≤95%				

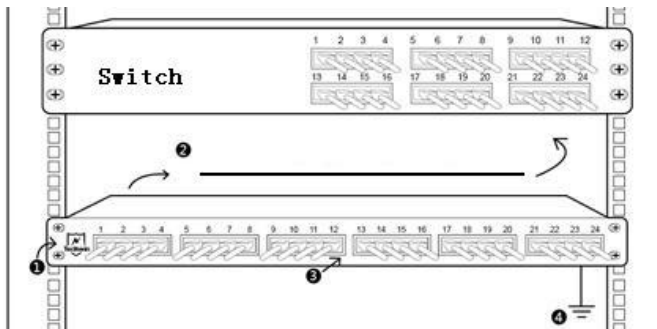
Diagram



Wire connection



Installation



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Techwin RJ45 Lightning Arrester (SPD) for cat5/5e, cat6/6e, 10/100/1000mbps Base-T Ethernet surge arrester

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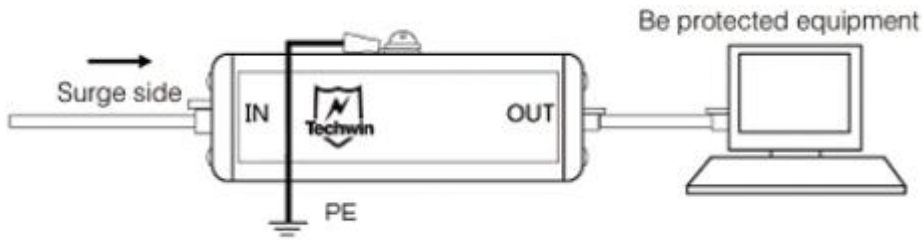
- CAT6/6e, cat5/5e compatible
 - 10/100/1000Mbps Base-T Ethernet protection
 - LAN, FDDI, CDDI, ATM
 - PDH, SDH, SPDH
 - Industrial control
 - Loss prevention system device; Security system; Security integration.
- IASP; VSCS; ESA; ACS; exit-inlet control system; exit-inlet control system



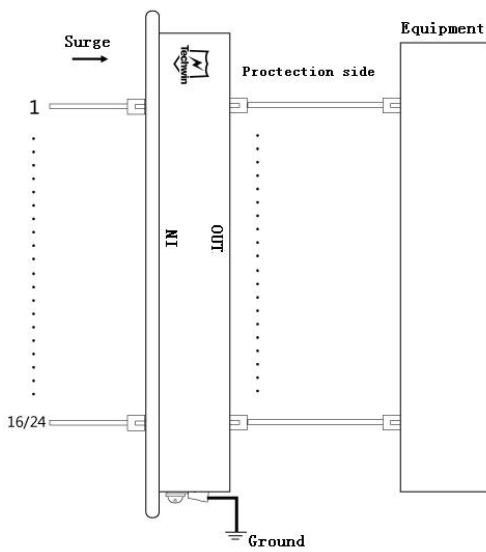
Specification

Model	D05J8	D05J8-4	D05J8-8	D05J8-16	D05J8-24
Lightning projection zone(LPZ)	2				
Standards Compliance	IEC61000, EN60950,GB/T18802.21-2002,TB/T2311-2002				
According to IEC61643	III				
According to DIN VDE6075 Part6(Draft 11.89) A1,A2	D				
Max continuous operating voltage Uc	5V				
Nominal discharge current (8/20μs) In	3KA				
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Rated load current I _L	200mA				
Limiting Voltage(10/700μs)	≤20V				
Cut-off Frequency f _G	250MHz				
Response time t _A (L-N/N-PE)	1ns				
Protection line	1/2,3/6,4/5,7/8				
Protection port	1	4	8	16	24
Mounting	Be Installed between protected equipment and signal line				
Adapt Transmission rate	1000Mbps				
Transmission standards	10BaseT/ 100BaseT/1000Base TX,CAT5/CAT6				
Dimension	85(L)×25(W)×25(H)mm	106(L)*75(W)*31(H)mm	190(L)×85(W)×48(H)mm	482(L)×86(W)×44(H)mm	
Interface form	RJ45				
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Material/color	Aluminum/Blue				
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