



Signal SPD Series

2 in 1 monitoring system SPD (Power and network line)

RJ45 / Connector 5KA 5V



Description

2 in 1 monitor lightning arrester(power and network), a Kind of SPD, designed for digital camera to protect camera power, data line from lightning electromagnetic pulse, induced over-voltage, operating over -voltage.

Features of Signal SPD Series

- Multi. Protection circuits, Gas-Tube+ TVS technology
- Dual protection in Common module and different module
- 2 in 1 protection; RJ45 connector for IP camera;
- Far infrared rays camera; FIR camera preferred surge protective device.
- TVS array technology, low capacitance
- Multi-Strike Capability

Application Of Signal SPD Series

- Designed to protect monitor equipments (Power, Control), widely applied in bank monitor & safe guard system.
- security and protection, loss prevention system, crime prevention service
- 2 in 1 SPD of power supply control.
- IP camera for access control system and burglar alarm
- Protect power supply and control line for camera
- Guard tour system; Parking lots management system; Security integration.
- ISA;IASP; VSCS; ESA; ACS; exit-inlet control system; exit-inlet control system



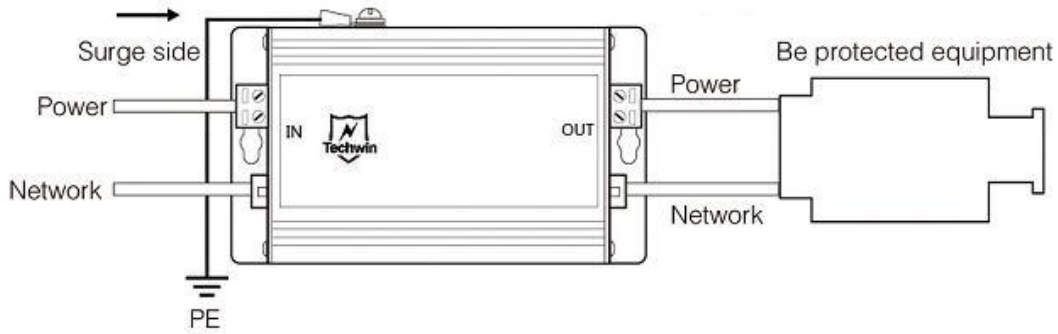
Specification

Model	M10-24/D05J4	M10-12/D05J4	M10-220/D05J4
Lightning projection zone(LPZ)	2		
Standards Compliance	IEC61643-1, EN60950,GB/T18802.21-2002,TB/T2311-2002, YD/T1235.2		
According to IEC61643	III		
According to DIN VDE6075 Part6(Draft 11.89) A1,A2	D		
Max continuous operating voltage Uc	5VDC		
Nominal discharge current (8/20μs) In	3KA		
Max discharge current I _{max} (8/21μs) I _{max}	5KA		
Transmission rate Vs	100Mbps		
Limiting Voltage(10/700μs)component wire-component wire	≤20V		
Nominal working voltage(Un)	24V	12V	220V
Max continuous operation voltage(Uc)	30V	15V	275V
Nominal discharge current I _{max} (8/20μs)	5kA		
Max discharge current I _{max} (8/20μs)	10kA		
Load current	0.5A		
Protection level Up (In)	≤100V	≤60V	≤900V
Response time (Ta)	1ns		
Mounting	Be Installed between protected equipment and signal line		
Working conditions	Clamped type		
Dimension	112*60*25mm		
Interface form	RJ45		
IP code(IEC EN 60529)	IP20		



Error rate	$\leq 10^{-12}$
Material/color	Aluminum/Blue
Insertion loss	$\leq 0.5\text{dB}$
Working conditions	Temperature: -40 to 85°C , Relative humidity: $\leq 95\%$

Installation And Wiring Diagram of M10-220/D05J4 SPD



M10-220/D05J4