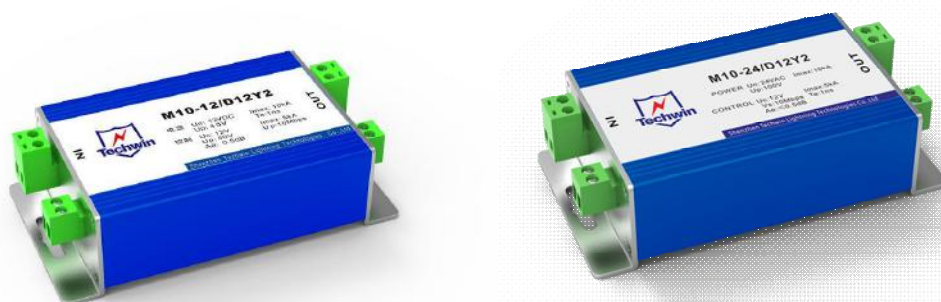




Signal SPD Series

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

Clamped type 5KA -12V -24V- 220V



Description

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

Features :

- Multi. Protection circuits, Gas-Tube+ TVS technology
- Dual protection in Common module and different module
- 3 in 1 protection
- TVS array technology, low capacitance
- Multi-Strike Capability
- Easy to install and rigorous in structure

Application:

- Designed to protect monitor equipments (Power, data control), widely applied in bank monitor & safe guard system.
- Monitor equipment for school, enterprise, road etc. security and protection.

Specification:

Model	M10-12/D12Y2	M10-24/D12Y2	M10-220/D12Y2
Lightning projection zone(LPZ)	2		



Standards Compliance	IEC61643-1, EN60950,GB/T18802.21-2002,TB/T2311-2002, YD/T1235.2,YD/T 1235.2,YD/T 1542		
According to IEC61643	III		
According to DIN VDE6075 Part6(Draft 11.89) A1,A2	D		
Max continuous operating voltage Uc	12VDC		
Nominal discharge current (8/20μs) In	3KA		
Max discharge current I _{max} (8/21μs) I _{max}	5KA		
Transmission rate Vs	10Mbps		
Limiting Voltage(10/700μs)component wire-Enclosure	40V		
Nominal working voltage(Un)	12V	24V	220V
Max continuous operation voltage(Uc)	15V	30V	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)	60V	100V	900V
Response time (Ta)	1ns		
Mounting	Be Installed between protected equipment and signal line		
Working conditions	Clamped type		
Dimension	112*60*25mm		
Interface form	Clamped type		
IP code(IEC EN 60529)	IP20		
Error rate	≤10 ⁻¹²		
Material/color	Aluminum/Blue		
Insertion loss	≤.0.5dB		
Working conditions	Temperature: -40 to 85°C, Relative humidity: ≤95%		



Installation And Wiring Diagram of M10-12 /D12Y2 SPD

