

SURGE PROTECTOR

Power over Ethernet 100m/1000m Cat6 PoE Rj45

Key Features

POE Surge Protector Device adopts aluminum alloy shell. With features of good appearance, easy installation and convenient wiring, it can long-term work stably under hostile environment.

It is suitable for surveillance cameras CCTV can prevent the equipment from lightning strike or induced over-voltage, over-current or other instantaneous surge voltage.

- IEC61643- 11:2012 , EN61643-11:2012, IEEEC62.41.1-2002, ITU-T Rec.K.12, IEC61000-4-4, IEEE802.3AT standard
- Transmission 10/100/1000 Base-T 10G Gigbit Ethernet network
- PoE / PoE+ Network Rj45 Surge Protective device
- Fast response time, low residual voltage.
- Composite SPD apply
- Protection Level IP20



Specification



4N-RJ45*60V/E100	
Max operating voltage (Un) pin1-2,3-6 /pin4-5,6-7	6V/60V
Max. voltage operating level (UC) pin1-2,3-6 /pin4-5,6-7	< 50 V at 1 kv / 1kV / μsec / < 100 V at 1 kv / 1kV / μsec
Transient surge current (In @8/20μs) pin1-2,3-6	1.5kA
Clamping voltage pin1-2,3-6	12 V ± 25% at current > 100 mA 50 Hz
TOVs surge current pin1-2,3-6	>500 mA 50 Hz in 5 Sec
Let through voltage	<14 V (due to TOVs surge current)
Data Rate	10/100/1000Mbps
Bandwidth (3db) per pair	>250MHz
Insertion Loss	<0.5dB @100MHz
Protective Element	GDT
Voltage Breakdown Range, Vdc @ 100 V/s	188 (L-L) / 72-108(L-G)
Impulse Voltage Range, Vdc @ 100 V/μs	<1000
Response Time (tA)	<100ns (line-GND/PE)
Connection mode (input/output)	RJ45 / RJ45
Temperature Range	- 40° to 176°F (-40° to 80°C
Relative Humidity	0% to 95% noncondensing
Maximum Operating Altitude	10,000 feet (3000m)
Cross-sectional area of earth lead	3mm ² multistranded / flexible
Stripping Length Contacts	>0.25inches (6-7mm)
Terminal Screw Torque	Max. 0.25Nm
Protection Rating (IP Code)	IP 20
Surge Life at 0.5kA (8/20μs)	>2000 events
DIN Rail EN60715	35mm top-hat rail
Housing Material	Aluminum Alloy
Net Weight Per Unit	0.16Lb (71g)
Product Dimension (W×D×H)	(90mm×36mm×62mm)

Application

