ZYXEL
NETWORKS

SURGEPRO-GE
Ethernet Surge Protector

Equipment relies solely on protective components and grounding to dissipate energy for fundamental protection. If the lightning surge is excessively strong, it could result in damage to the equipment. The Ethernet surge protector, SURGEPRO-GE, plays a crucial role in safeguarding commercial networking products. It shields them from power interference, ensures data security, and prolongs device's lifespan, thereby sustaining uninterrupted business operations.

Benefits

Protect high-speed networks from surge

SURGEPRO-GE offers a cost-effective solution for safeguarding Ethernet devices against damaging electrostatic discharges and surges.
Our wide-temperature support switches, such as the GS1350/RGS Series, can be coupled with SURGEPRO-GE to mitigate potential maintenance and support challenges from sudden surges.

The SURGEPRO-GE is designed to provide protection for both Power-over-Ethernet (PoE) and non-PoE devices, supporting connection speeds of up to 1 Gbps. Two passives, surge protected RJ-45 connections provide maximum equipment compatibility.

Robust level of Line-Line, Line-Ground protections

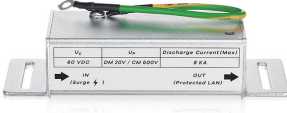PoE Ethernet surge protector: compatible with Power-over-Ethernet IEEE 802.3af/at/bt

Supports network speeds of 10 Mbps, 100 Mbps, and 1 Gbps for connections up to 100 meters
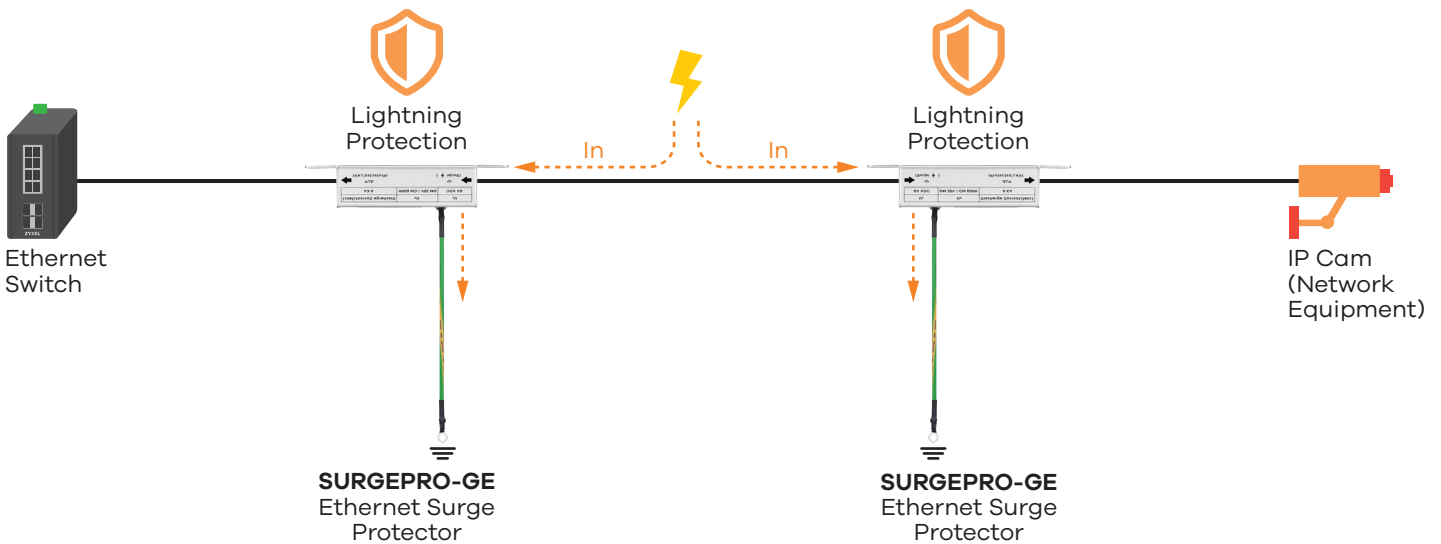
Easy, and fast installation

Specifications

Model	SURGEPRO-GE	
Product Name	Ethernet Surge Protector	
Interface Connections	2 RJ-45 connector	
Data Line Protection	RJ-45 10/100/1000 Ethernet	
IEEE 802.3af/at/bt Support	Yes (802.3bt 60 W supported)	
Maximum Operation DC Voltage	60 VDC	
Maximum Discharge Current	8 KA	
Line to GND Protection Level	20 KV (10/700 us)/10 KA (8/20 us)	
Line to Line Protection Level	4 KV (10/700 us)	
Response Time	< 5 ns	
Min. Power Consumption (watts)	1.62	
Physical Specifications		
Item	Dimensions (WxDxH)(mm/in)	40 x 120 x 25/1.57 x 4.72 x 0.98
	Weight (g/lb.)	121/0.27
Environmental Specifications		
Operating	Temperature	-40°C to 85°C/-40°F to 185°F
	Humidity	10% to 90% (non-condensing)
Storage	Temperature	-40°C to 85°C/-40°F to 185°F
	Humidity	10% to 90% (non-condensing)
Certification		
	FCC (class B), CE (class B), IEC 61000-4-5, IEC 61643-21, ITU-T K.21	

Application Diagram

For more product information, visit us on the web at www.zyxel.com

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Datasheet SURGEPRO-GE