

SafeSurge-PRO Datasheet

SafeSurge-PRO is our 2nd generation Ethernet Protection device that improves on the original SafeSurge. Designed to protect sensitive data-processing equipment the SafeSurge-PRO now features 10x the surge protection as well as 50x faster response time compared to the original. The performance enhancement is now enterprise ready for very large surge events.

Ethernet "Lightning" Protection

PoE Configuration
Passive (Positive or Negative power supply)
PoE Data Pins
PoE Power Pins
PoE Data Pins
PoE D

Surge Protection

Surge Handling	8/20uS (10kA)*
Response Time	< 5ns

*The SafeSurge PRO should be properly grounded with the supplied cable to achieve this level of protection.

Characteristics

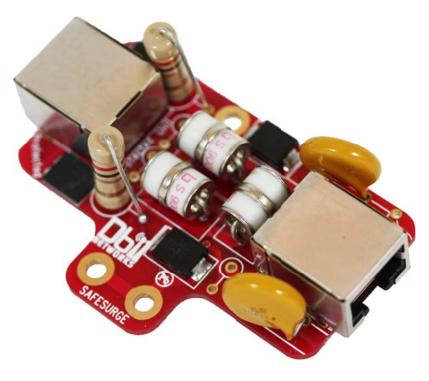
Connection	RJ45 shielded
Application	PoE and Gigabit
Protection	Ethernet Networks
	Circuit Gas discharge
	tubes (GDT) and Diodes

Miscellaneous

Dimensions Weight	6.81cm X 4.21cm X 2.06cm 30 grams (1.06 oz)
Operational Temp.	-40C to +85C
Storage Temp.	-40C to +85C
Humidity	0% to 95% (non-condensing)
Incl Accessories	15cm ground wire, 1 screw (4mm
	length for wire), 2 screws (5mm
	length for PRO cards), 1 nut
Warranty	One Year Limited Warranty

Key Features

- 10 Base T/ 100 Base T/ 1000 Base T compatible
- Less than 5ns (nanoseconds) response time
- 10x (times) the surge protection vs. the original SafeSurge
- Same small form factor with multiple ways to ground
- Built in redundant protection so it lasts longer





SafeSurge-PRO Drawings

