TRANSTECTOR™
an INFINITE brand

Data Surge Protector SPD DPR Indoor Gigabit Ethernet/PoE+ Shielded RJ45 GDT CE Compliant, EN/IEC60950-1, UL 497B



DPR-L130
DPR Lite

Features
- UL 497B, EN/IEC60950-1
- Purpose Designed Modules for all Common Data Protocols
- Configurable Mixed Signal Protection
- RJ-45 Connectivity
- Mount into DPR Chassis, DIN-Rail Mount or Wall Mount

Applications
- Gigabit Ethernet/PoE+ Networks
- Telecommunications Base Stations
- WISP/ISP
- IT & Data Centers
- Point-to-Point Links
- Control Lines and Sense Loops
- Oil & Gas

Description
Data surge protector (also known as SPD or lightning protector) DPR-L130 from Transtector is an indoor style SPD that utilizes state of the art GDT technology to protect critical equipment in Gigabit Ethernet/PoE+ protocol data networks while remaining transparent to data throughput. This surge protector provides effective protection against electrical transient surges that are generated both by external lightning events and by internal switching events and supports long-term system reliability by absorbing high amounts of transient energy while maintaining a very low clamping voltage. Transtector Data Signal surge protectors are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Connectors		Shielded RJ45		
Compatible Cables		Cat5/5e UTP/STP, Cat6/6A STP		
Data Protocols		Gigabit Ethernet/PoE+		
Data Rate			1,000	Mb/s
Characteristic Impedance			100	Ohms
Capacitance (Differential)			5	pF
Capacitance (Common)			5	pF
Power over Ethernet Protocols		PoE+		
Vdc Rating (Data)		48	60	Vdc
PoE Power			51	W
PoE Current Per Pin			600	mA

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
Data Surge Protector SPD DPR Indoor Gigabit Ethernet/PoE+ Shielded RJ45 GDT CE Compliant, EN/IEC60950-1, UL 497B DPR-L130

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Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		GDT		
Protected Pins		[1,2], [3,6], [4,5], [7,8]		
Protection Modes		L-L, L-G, S-G		
Data Turn On Voltage		75		Vdc
DC Turn On Voltage		75		Vdc
10/1000µs Surge Current				
L-G			100	A
8/20µs Surge Current				
L-G			1	kA
L-L			1	kA
S-G			20	kA
Response Time			75	ns

Mechanical Specifications

Size

Height	0.94 in	[23.88 mm]
Width	0.97 in	[24.64 mm]
Depth	3.67 in	[93.22 mm]
Weight	0.2 lbs	[90.72 g]

Environmental Specifications

Operating Temperature	-40 to +75 deg C
Storage Temperature	-40 to +75 deg C
Mount Type	Wall, DIN, Rack
Installation Hardware	Ground Clip, 4-40 PH Phillips Screw, #4 Split Lock Washer
Grounding	DIN Clip

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Compliance Certifications

CE Compliant	Yes
UL Compliant	Yes
Certifications	UL 497B EN/IEC60950-1

Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

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URL: https://www.transtector.com/data-surge-protector-spd-dpr-indoor-gigabit-dpr-l130-p.aspx

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DPR-L130 CAD Drawing

