

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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Shielded RJ45 GDT CE Compliant, EN/IEC60950-1, UL 497B



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### Compliance Certifications

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

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.

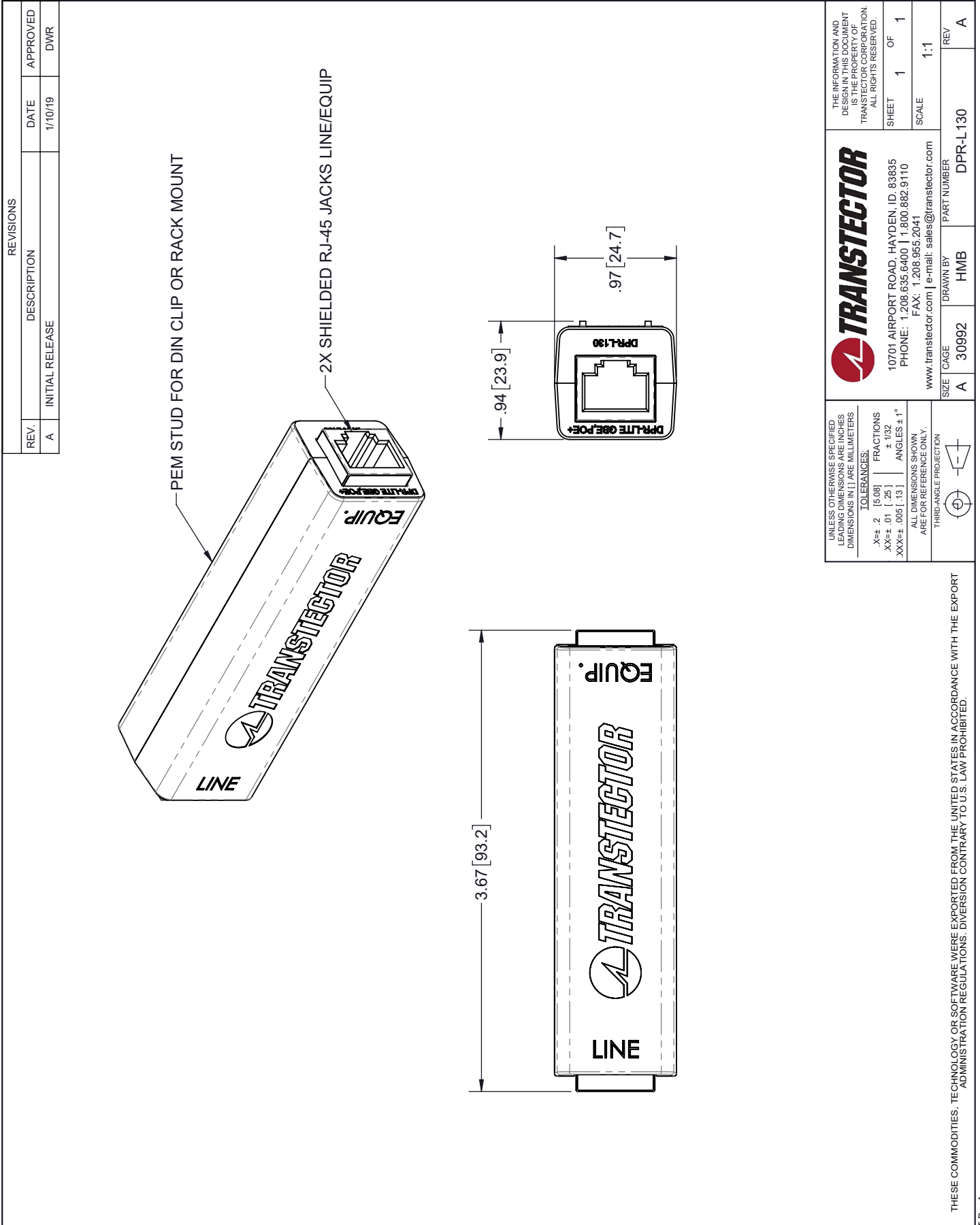
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URL: <https://www.transtector.com/data-surge-protector-spd-dpr-indoor-gigabit-dpr-l130-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume any liability arising out of the use of any part or documentation.

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DPR-L130 CAD Drawing



REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	1/10/19
		APPROVED
		DWR

<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS</p> <p>TOLERANCES:</p> <p>.X±.2 [5.08] FRACTIONS ± 1/32</p> <p>XX±.01 [.25] ANGLES ± 1°</p> <p>XXX±.005 [.13]</p> <p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p> <p>THIRD-ANGLE PROJECTION</p>	<p><b>TRANSTECTOR</b></p> <p>10701 AIRPORT ROAD, HAYDEN, ID, 83835</p> <p>PHONE: 1.208.635.6400   1.800.882.9110</p> <p>FAX: 1.208.955.2041</p> <p>www.transctor.com   e-mail: sales@transctor.com</p>	<p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSTECTOR CORPORATION. ALL RIGHTS RESERVED.</p>
		<p>SHEET 1 OF 1</p> <p>SCALE 1:1</p>
<p>SIZE CAGE A 30992</p>	<p>DRAWN BY HMB</p>	<p>PART NUMBER DPR-L130</p>
		<p>REV A</p>

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