

Data Surge Protector SPD TSJ Indoor 10/100 Base-T Ethernet/PoE+ Shielded RJ45 SASD, MOV, GDT

1101-1073
 TSJ PoE INJ48



Features

- 10/100 Base-T Ethernet/PoE+
- Shielded RJ-45 Connectivity
- Dedicated Ground Lug
- Wall Mount

Applications

- 10/100 Base-T 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) 1101-1073 from Transtector is an indoor style SPD that utilizes state of the art SASD/MOV/GDT technology to protect critical equipment in 10/100 Base-T 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		10/100 Base-T Ethernet/PoE+		
Data Rate			100	Mb/s
Series Impedance (Data)			1	Ohms
Power over Ethernet Protocols		PoE		
Vdc Rating (Data)		48	60	Vdc
Voltage Rating (DC)			6	Vdc
PoE Power			85	W
PoE Current Per Pin			1.78	A

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 TSJ Indoor 10/100 Base-T Ethernet/PoE+ Shielded RJ45 SASD, MOV, GDT 1101-1073](#)

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Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD, MOV, GDT		
Protected Pins		[1,2], [3,6], [4,5], [7,8]		
Protection Modes		L-G, L-L		
10/1000µs Surge Current				
L-G			100	A
L-L			100	A
8/20µs Surge Current				
L-G			3	kA
L-L			3	kA
Response Time			5	ns

Mechanical Specifications

Size

Height	2.2 in	[55.88 mm]
Width	3.16 in	[80.26 mm]
Depth	1.69 in	[42.93 mm]
Weight	0.15 lbs	[68.04 g]

Environmental Specifications

Operating Temperature	-40 to +85 deg C
Storage Temperature	-40 to +85 deg C
Mount Type	Wall
Installation Hardware	2 pin terminal block
Grounding	1/4-20 Stud

Compliance Certifications

RoHS Compliant	Yes
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Ethernet/PoE+ Shielded RJ45 SASD, MOV, GDT

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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-tsj-indoor-10-1101-1073-p.aspx>

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1101-1073 CAD Drawing

