

## Data Surge Protector SPD TSJ Indoor 10/100 Base-T Ethernet RJ45 SASD



**1101-620-1**  
**TSJ-10/100BT**

### Features

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

### Applications

- 10/100 Base-T Ethernet 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) 1101-620-1 from Transtector is an indoor style SPD that utilizes state of the art SASD technology to protect critical equipment in 10/100 Base-T Ethernet 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		RJ45		
Compatible Cables		Cat5/5e UTP		
Data Protocols		10/100 Base-T Ethernet		
Data Rate			100	Mb/s
Vdc Rating (Data)		5	12	Vdc

### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protected Pins		[1,2], [3,6], [4,5], [7,8]		
Protection Modes		L-G		
10/1000µs Surge Current				
L-G			100	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 RJ45 SASD 1101-620-1](#)

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Vpl 10/1000µs			
L-G	25 @ 100A		Vpk
Response Time		5	ns

### Mechanical Specifications

#### Size

Height	2.2 in	[55.88 mm]
Width	3.16 in	[80.26 mm]
Depth	1.71 in	[43.43 mm]
Weight	0.2 lbs	[90.72 g]

### Environmental Specifications

Operating Temperature	-40 to +85 deg C
Storage Temperature	-40 to +85 deg C

Mount Type	Wall
Grounding	1/4-20 Stud

### Compliance Certifications

RoHS Compliant	Yes
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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.

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 RJ45 SASD 1101-620-1](https://www.transtector.com/data-surge-protector-spd-tsj-indoor-10-1101-620-1)

URL: <https://www.transtector.com/data-surge-protector-spd-tsj-indoor-10-1101-620-1-p.aspx>

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1101-620-1 CAD Drawing

