

Data Surge Protector SPD TSJ Indoor T1/E1 RJ48 Screw Terminal SASD, UL 497A

1101-300-1
TSJ 48 CLT



Features

- T1/E1
- RJ-45 Connectivity
- Dedicated Ground Lug
- Wall Mount

Applications

- T1/E1 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) 1101-300-1 from Transtector is an indoor style SPD that utilizes state of the art SASD technology to protect critical equipment in T1/E1 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		RJ48 to Screw Terminal		
Data Protocols		T1/E1		
Data Rate			2.048	Mb/s
Vdc Rating (Data)		12	15	Vdc

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protected Pins		[1,2], [4,5]		
Protection Modes		L-G, L-L		
10/1000µs Surge Current				
L-G			190	A

8/20µs Surge Current

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 T1/E1 RJ48 Screw Terminal SASD, UL 497A 1101-300-1](#)

Data Surge Protector SPD TSJ Indoor T1/ E1 RJ48 Screw Terminal SASD, UL 497A

1101-300-1
TSJ 48 CLT



L-G	2.5	kA
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	0.25 lbs	[113.4 g]

Environmental Specifications

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

Mount Type	Wall
Installation Hardware	Telephone Cord
Grounding	1/4-20 Stud

Compliance Certifications

UL Compliant	Yes
Certifications	UL 497A

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 T1/E1 RJ48 Screw Terminal SASD, UL 497A 1101-300-1](https://www.transtector.com/data-surge-protector-spd-tsj-indoor-t1-1101-300-1-p.aspx)

URL: <https://www.transtector.com/data-surge-protector-spd-tsj-indoor-t1-1101-300-1-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.

3 1101-300-1 REV 1.1 | © 2020 Infinite Electronics, Inc. Transtector Systems is a registered trademark of Infinite Electronics, Inc.