

Data Surge Protector SPD TSP Indoor Signal/Control Lines, Sense Loops Wired Leads SASD

1100-519
TSP 9005



Features

- 100% SASD Protection
- Low Frequency DC, Communications Pairs
- Wired Lead Connectivity

Applications

- RS-422 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) 1100-519 from Transtector is an indoor style SPD that utilizes state of the art SASD technology to protect critical equipment in RS-422 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		Wired Leads		
Data Protocols		Signal/Control Lines, Sense Loops		
Data Rate			1.5	Mb/s
Series Impedance (Data)			33	Ohms
Vdc Rating (Data)			160	Vdc

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protection Modes		L-L, L-G		
8/20μs Surge Current				
L-G			0.5	kA
L-L			0.5	kA

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 TSP Indoor Signal/Control Lines, Sense Loops Wired Leads SASD 1100-519](#)

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V _{pl} 8/20μs		
L-G	200 @ 500A	V _{pk}
L-L	200 @ 500A	V _{pk}
Response Time	5	ns

Mechanical Specifications

Size

Height	2.2 in	[55.88 mm]
Width	3.16 in	[80.26 mm]
Depth	0.88 in	[22.35 mm]
Weight	0.2 lbs	[90.72 g]

Environmental Specifications

Operating Temperature	-30 to +65 deg C
Storage Temperature	-30 to +65 deg C
Environmental Protection Rating	IP20
Mount Type	Wall
Grounding	Spade connector

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-tsp-indoor-signal-1100-519-p.aspx>

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1100-519 CAD Drawing

