

Data Surge Protector, Indoor, 10 Gigabit Ethernet



TSJ-10GBE-TT

Data Surge Protector, Indoor, 10 Gigabit Ethernet

Features

- 10 Gigabit Ethernet compatible
- Hybrid SASD, GDT protection technology
- Shielded RJ-45 connectivity
- DIN-Rail mounting clip
- Integral ground wire, lug

Applications

- 10 Gigabit Ethernet Networks
- Telecommunications Base Stations
- IT & Data Centers
- Security Cameras
- Wireless Access Points
- Point-to-Point Links

Description

Data surge protector (also known as SPD or lightning protector) TSJ-10GBE-TT from Transtector, is an Indoor style SPD that utilizes state of the art hybrid SASD, GDT technology to protect equipment in 10 Gigabit Ethernet networks, while remaining transparent to data throughput. Transtector data surge protectors are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Connectors		Shielded RJ45		
Compatible Cables		Cat 6/6A STP, Cat 7 STP		
Data Protocols		10 Gigabit Ethernet		
Data Rate			10,000	Mb/s
Characteristic Impedance			100	Ohms
Series Impedance (Data)			1	Ohms
Capacitance (Differential)			30	pF
Capacitance (Common)			5	pF

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD, GDT		
Protected Pins		[1,2], [3,6], [4,5], [7,8]		
Protection Modes		L-G, L-L		

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, Indoor, 10 Gigabit Ethernet TSJ-10GBE-TT](#)

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Response Time	5	ns
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Mechanical Specifications

Size

Height	1 in	[25.4 mm]
Width	2.5 in	[63.5 mm]
Depth	2 in	[50.8 mm]
Weight	0.3 lbs	[136.08 g]
Housing Material and Plating	Powder Coated Aluminum	

Environmental Specifications

Operating Temperature	-40 to +75 deg C
Storage Temperature	-40 to +75 deg C
Mount Type	Din-Rail, Inline
Grounding	Internal Ground Wire, Lug

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/TSJ-10GBE-TT-p.aspx>

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TSJ-10GBE-TT CAD Drawing

