

Data Surge Protector SPD TSJ Indoor USB 1.0, 2.0 USB Type A Bulkhead to USB Type A 24" Pigtail Panel Mountable



## TSJ-USB-AA-24

### Features

- Compatible with USB 1.0 and 2.0
- Protects both power and data
- Shielded housing and pigtail cable
- Panel Mount or In-Line

### Applications

- PCs
- Wi-Fi client adapters
- RS422/485 converters
- Security cameras

### Description

Data surge protector (also known as SPD or lightning protector) TSJ-USB-AA-24 from Transtector, is an Indoor style SPD that utilizes state of the art SASD technology to protect equipment in USB 1.0 and 2.0 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	Bulkhead USB Type A Female to USB Type A Male			
Data Protocols	USB 1.0, USB 2.0			
Data Rate			480	Mb/s
Characteristic Impedance			90	Ohms

### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protection Modes		L-G		
Data Turn On Voltage		5.4		Vdc
DC Turn On Voltage		6.5		Vdc
Response Time			5	ns

### Mechanical Specifications

#### Size

Pigtail Length 24 in

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 USB 1.0, 2.0 USB Type A Bulkhead to USB Type A 24" Pigtail Panel Mountable TSJ-USB-AA-24](#)

Data Surge Protector SPD TSJ Indoor USB 1.0, 2.0 USB Type A Bulkhead to USB Type A 24" Pigtail Panel Mountable



**TSJ-USB-AA-24**

Height	0.75 in	[19.05 mm]
Width	0.75 in	[19.05 mm]
Depth	24 in	[609.6 mm]
Weight	0.12 lbs	[54.43 g]
Housing Material and Plating	Nickel Plated ABS	

**Environmental Specifications**

Operating Temperature	-40 to 50 deg C
Mount Type	Panel, In-line

**Compliance Certifications**

RoHS Compliant	Yes
----------------	-----

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 USB 1.0, 2.0 USB Type A Bulkhead to USB Type A 24" Pigtail Panel Mountable TSJ-USB-AA-24](#)

URL: <https://www.transtector.com/data-surge-protector-spd-tsj-indoor-usb-tsj-usb-aa-24-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.

Data Surge Protector SPD TSJ Indoor USB 1.0, 2.0 USB Type A Bulkhead to USB Type A 24" Pigtail Panel Mountable

TSJ-USB-AA-24 CAD Drawing

