

## Data Surge Protector SPD DPR Indoor Gigabit Ethernet RJ45 SASD



### 1101-882-1 DPR 1000 Base T

#### Features

- Purpose Designed Modules for all Common Data Protocols
- Configurable Mixed Signal Protection
- RJ-45 Connectivity
- Mount into DPR Chassis, DIN-Rail Mount or Wall Mount

#### Applications

- Gigabit 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) 1101-882-1 from Transtector is an indoor style SPD that utilizes state of the art SASD technology to protect critical equipment in Gigabit 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		Gigabit Ethernet		
Data Rate			1,000	Mb/s
Characteristic Impedance			100	Ohms
Vdc Rating (Data)		3.3	6	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-L		
Response Time			5	ns

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 DPR Indoor Gigabit Ethernet RJ45 SASD 1101-882-1](#)

## Data Surge Protector SPD DPR Indoor Gigabit Ethernet RJ45 SASD



**1101-882-1**  
DPR 1000 Base T

### Mechanical Specifications

#### Size

Height	0.91 in	[23.11 mm]
Width	0.97 in	[24.64 mm]
Depth	3.67 in	[93.22 mm]
Weight	0.042 lbs	[19.05 g]

### Environmental Specifications

Operating Temperature	-40 to +75 deg C
Storage Temperature	-40 to +75 deg C

### Installation

Mount Type	Wall, DIN, Rack
Installation Hardware	DIN Clip, #8 Screw

### 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 DPR Indoor Gigabit Ethernet RJ45 SASD 1101-882-1](https://www.transtector.com/data-surge-protector-spd-dpr-indoor-gigabit-ethernet-rj45-sasd-1101-882-1)

URL: <https://www.transtector.com/data-surge-protector-spd-dpr-indoor-gigabit-1101-882-1-p.aspx>

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1101-882-1 CAD Drawing

REVISIONS		DATE	APPROVED
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/10/19	DWR

  
  
  

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
 .X±.2 [5.08] FRACTIONS ± 1/32  
 .XX±.01 [.25] ANGLES ± 1°  
 XXX±.005 [.13]

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.  
 THIRD-ANGLE PROJECTION

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SHEET 1 OF 1  
SCALE 1:1

  

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SIZE CAGE DRAWN BY PART NUMBER REV  
 A 30992 HMB 1101-882-1 A

  

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