

## DC Surge Protector SPD DC Defender 48 Vdc, 5 kA SASD, Fused PCB Assy

**2250-1034**



### Features

- 100% SASD Protection
- Replacement PCB Assembly for DC Defender 48-5

### Applications

- Industrial Automation
- Controls & Sense Loops
- Telecommunications Base Stations
- IT & Data Centers
- Wastewater Treatment
- Rail
- Oil & Gas
- LED Lighting

### Description

DC surge protector (also known as SPD or lightning protector) 2250-1034 from Transtector is a DC DEFENDER PCBA SPD that utilizes state of the art SASD/Fused technology to protect critical equipment. 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 safely shunting high amounts of transient energy while maintaining a very low clamping voltage. Transtector DC surge protectors are available in stock with same day shipping.

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltages		48		Vdc
Current Rating			15	A
Maximum Continuous Operating Voltage (MCOV)				
MCOV DC			60	Vdc

### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD, Fused		
Surge Protection Modes		DC+ to DC-, DC+ to GND, DC- to GND		
Response Time			5	ns
8/20µs Surge Current			5	kA

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[DC Surge Protector SPD DC Defender 48 Vdc, 5 kA SASD, Fused PCB Assy 2250-1034](#)

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**2250-1034**



**Mechanical Specifications**

**Size**

Height	3.8 in	[96.52 mm]
Width	0.83 in	[21.08 mm]
Depth	2.72 in	[69.09 mm]

**Installation**

Service Wiring Terminal Copper Lug	#14 to #10 AWG
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**Compliance Certifications**

UL Compliant	Yes
Hazardous Locations Certifications	Yes UL 497B ETL 60950-1 60Vdc 15A IP54 Class 1 Div 2 Groups A,B,C,D T4 Class 1 Zone 2 AEx nA IIC T4 Gc Class 1 Zone 2 Ex nA IIC T4 Gc -40C<= Tamb +65C CE Ex II 3 G Ex nA T4 Gc -40C<= Tamb +65C

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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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.

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## 2250-1034 CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	1/21/19
		APPROVED DWR

  
  

<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS</p> <p>TOLERANCES:  .X±.2 [5.08]    FRACTIONS ± 1/32  .XX±.01 [.25]    ± 1/32  .XXX±.005 [.13]    ANGLES ± 1°</p> <p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.  THIRD-ANGLE PROJECTION</p>	<p><b>TRANSTECTOR</b></p> <p>10701 AIRPORT ROAD, HAYDEN, ID, 83835  PHONE: 1.208.635.6400   1.800.882.9110  FAX: 1.208.955.2041  www.transtector.com   e-mail: sales@transtector.com</p>	<p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSTECTOR CORPORATION. ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1  SCALE 1:2</p>
<p>SIZE CAGE A 30992</p>	<p>DRAWN BY HMB</p>	<p>PART NUMBER 2250-1034</p>
		<p>REV A</p>

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