

## DC Surge Protector SPD DC DEFENDER 45 Vdc PCB Assy

### 1000-1391 PCB DC DEFENDER 48-5

#### Features

- 100% SASD protection
- Replacement PCB assembly for DC DEFENDER 45-5

#### 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) 1000-1391 from Transtector is a DC DEFENDER PCBA SPD that utilizes state of the art 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. All Transtector DC surge protectors are available in stock with same day shipping.

#### Electrical Specifications

| Description      | Minimum | Typical | Maximum | Units |
|------------------|---------|---------|---------|-------|
| Service Voltages |         | 45      |         | Vdc   |

#### Mechanical Specifications

| Size   |         |            |  |
|--------|---------|------------|--|
| Height | 3.81 in | [96.77 mm] |  |
| Width  | 2.72 in | [69.09 mm] |  |
| Weight | 1 lbs   | [453.59 g] |  |

#### Environmental Specifications

|          |                    |
|----------|--------------------|
| Humidity | 90% non-condensing |
|----------|--------------------|

#### Compliance Certifications

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

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 45 Vdc PCB Assy 1000-1391](#)

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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.

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URL: <https://www.transtector.com/dc-surge-protector-spd-dc-defender-45-1000-1391-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.

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## 1000-1391 CAD Drawing

