

## DC Surge Protector SPD CB Indoor Circuit Breaker Style 48 Vdc, Single-Mode SASD R56

**1101-511**  
**CB 48-RD**



### Features

- 100% SASD Protection
- Dry Contact Remote Annunciation Terminals
- Circuit Breaker Form Factor
- Bullet Connectors

### 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) 1101-511 from Transtector is an R56 Circuit Breaker Style SPD that utilizes state of the art SASD technology to protect critical equipment that operates on a 48 Vdc electrical service. 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
Maximum Continuous Operating Voltage (MCOV)				
MCOV DC			60	Vdc

### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Surge Protection Modes		Supply to RET		
Response Time			5	ns
VPL 8/20 $\mu$ s L-G			150 @ 3000A	Vpk
VPL 10/1000 $\mu$ s			150 @ 380A	Vpk

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 CB Indoor Circuit Breaker Style 48 Vdc, Single-Mode SASD R56 1101-511](#)

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### Mechanical Specifications

**Size**

Height	3 in	[76.2 mm]
Width	2.5 in	[63.5 mm]
Depth	0.7 in	[17.78 mm]
Weight	1 lbs	[453.59 g]

### Environmental Specifications

**Temperature**

Operating Range	-30 to +65 deg C
Storage Range	-30 to +65 deg C

### Installation

Mount Type	Breaker
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### Compliance Certifications

Certifications	R56
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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-cb-indoor-circuit-1101-511-p.aspx>

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1101-511 CAD Drawing

