

DC Surge Protector SPD CB Indoor Circuit Breaker Style 24 Vdc, Single-Mode SASD R56

1101-548
CB 24 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) 1101-548 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 24 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		24		Vdc
Maximum Continuous Operating Voltage (MCOV)				
MCOV DC			28	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 μ s L-G			75 @ 3000A	Vpk
VPL 10/1000 μ s			75 @ 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 24 Vdc, Single-Mode SASD R56 1101-548](#)

DC Surge Protector SPD CB Indoor Circuit Breaker
Style 24 Vdc, Single-Mode SASD R56

1101-548
CB 24 RD



Mechanical Specifications

Size

Height	3 in	[76.2 mm]
Width	2.5 in	[63.5 mm]
Depth	0.7 in	[17.78 mm]

Environmental Specifications

Temperature

Operating Range	-50 to +85 deg C
Storage Range	-50 to +85 deg C

Installation

Mount Type	Breaker
------------	---------

Compliance Certifications

Certifications	R56
----------------	-----

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: [DC Surge Protector SPD CB Indoor Circuit Breaker Style 24 Vdc, Single-Mode SASD R56 1101-548](https://www.transtector.com/dc-surge-protector-spd-cb-indoor-circuit-1101-548-p.aspx)

URL: <https://www.transtector.com/dc-surge-protector-spd-cb-indoor-circuit-1101-548-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.

1101-548 CAD Drawing

