

DC Surge Protector SPD SXRR Indoor AAR Terminal
90 Vdc, 120 Vac, Single-Mode, 20 kA SASD, GDT

1101-764
SXRR 120V



Features

- SASD and SASD/GDT Hybrid Surge Protection Options
- Suppression Status Indicator
- AAR Terminal Mount

Applications

- Railroad Circuits

Description

DC surge protector (also known as SPD or lightning protector) 1101-764 from Transtector is an AAR terminal style SPD that utilizes state of the art SASD, GDT technology to protect critical equipment that operates on a 90 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 (DC)	90			Vdc
Service Voltages (AC)	120			Vac
Maximum Continuous Operating Voltage (MCOV)				
MCOV DC	90			Vdc
MCOV AC	130			Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD, GDT		
Surge Protection Modes		Signal to GND		
Response Time		20		ns
8/20 μ s Surge Current		20		kA
VPL 8/20 μ s L-G		450 @ 20kA		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 SXRR Indoor AAR Terminal 90 Vdc, 120 Vac, Single-Mode, 20 kA SASD, GDT 1101-764](#)

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Mechanical Specifications

Size

Height	2.83 in	[71.88 mm]
Width	0.95 in	[24.13 mm]
Depth	2.1 in	[53.34 mm]
Weight	0.1 lbs	[45.36 g]
Housing Material and Plating	Polycarbonate	

Environmental Specifications

Temperature

Operating Range	-40 to +75 deg C
Storage Range	-40 to +75 deg C
Humidity	90% non-condensing

Installation

Mount Type	AAR Terminal Block
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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-sxrr-indoor-aar-1101-764-p.aspx>

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1101-764 CAD Drawing

