

## DC Surge Protector SPD RRPA Indoor DIN-Rail Assy 24 Vdc SASD 4x DRI



### RRPA-DRI-4

#### Features

- SASD Surge Protector
- Replaceable Suppression Modules
- Dry Contact Remote Annunciation Terminals
- WAGO Cage Clamp Connectors
- Panel Mount DIN-Rail Assembly

#### Applications

- Railroad Signaling Systems

#### Description

DC surge protector (also known as SPD or lightning protector) RRPA-DRI-4 from Transtector is a DIN-Rail Assy 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
Current Rating			5	A
Maximum Continuous Operating Voltage (MCOV)				
MCOV DC			34	Vdc

#### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Surge Protection Modes		Supply to GND, Supply to Supply		
Response Time			5	ns
VPL 8/20 $\mu$ s L-G			110 @ 1000A	Vpk
VPL 10/1000 $\mu$ s			48 @ 100A	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 RRPA Indoor DIN-Rail Assy 24 Vdc SASD 4x DRI RRPA-DRI-4](#)

## DC Surge Protector SPD RRPA Indoor DIN-Rail Assy 24 Vdc SASD 4x DRI



### RRPA-DRI-4

#### Mechanical Specifications

##### Size

Height	3.8 in	[96.52 mm]
Width	2.85 in	[72.39 mm]
Depth	10.75 in	[273.05 mm]
Weight	2.65 lbs	[1.2 kg]
Housing Material and Plating	Nylon	

#### Environmental Specifications

##### Temperature

Operating Range	-40 to +85 deg C
Storage Range	-40 to +85 deg C
Humidity	99% non-condensing

#### Installation

Mount Type	DIN-Rail, Wall/Panel
Service Wiring Terminal	
Spring Cage Clamp	#28 to #12 AWG
Status Indication Terminal	
3-Position Screw Terminal	#28 to #12 AWG

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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RRPA-DRI-4 CAD Drawing

