DC Surge Protector SPD I2R Indoor DIN-Rail 12 Vdc, Single-Mode SASD

1101-624
I2R ICP 12VDC

Features

- 100% SASD Surge Protection
- Visual Suppression Status Indicator
- Dry Contact Remote Annunciation Terminals
- DIN-Rail Mount

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) 1101-624 from Transtector is a DIN-Rail style SPD that utilizes state of the art SASD technology to protect critical equipment that operates on a 12 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		12		Vdc
Maximum Continuous Operating Voltage (MCOV)				
MCOV DC			14	Vdc

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Surge Protection Modes		Supply to RET		
Response Time			5	ns
VPL 8/20µs L-G			70 @ 2500A	Vpk
VPL 10/1000µs			45 @ 300A	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 I2R Indoor DIN-Rail 12 Vdc, Single-Mode SASD 1101-624

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Mechanical Specifications

Size

Height	2.6 in	[66.04 mm]
Width	1.09 in	[27.69 mm]
Depth	2.64 in	[67.06 mm]
Weight	0.4 lbs	[181.44 g]
Housing Material and Plating	RYNITE FR530 NC010	

Environmental Specifications

Temperature

Operating Range	-40 to +80 deg C
Storage Range	-40 to +80 deg C
Humidity	100% non-condensing

Installation

Mount Type	DIN-Rail, Wall/Panel
Service Wiring Terminal	
Screw Terminal	#14 to #4 AWG

Compliance Certifications

UL Compliant	Yes
Certifications	UL 497B

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 I2R Indoor DIN-Rail 12 Vdc, Single-Mode SASD 1101-624

URL: https://www.transtector.com/dc-surge-protector-spd-i2r-indoor-din-1101-624-p.aspx

1101-624 CAD Drawing

GREEN SUPPRESSION STATUS LED

REPLACEABLE ICP SUPPRESSION MODULE

DIN-RAIL MOUNTING FOOT

2.63 [66.8]

1.03 [26.2]

2.60 [66.1]

	REVISIONS		
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/10/19	DWR

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PART NUMBER
1101-624

DRAWN BY
HMB

CAGE
30992

SIZE
A

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:
X=± .2 [5.08]   FRACTIONS
XX=± .01 [.25]   ± 1/32
XXX=± .005 [.13]   ANGLES ±1°

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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