

DC Surge Protector SPD I2R Indoor DIN-Rail 24 Vdc, Single-Mode SASD

1101-625 I2R ICP 24VDC



Features

- 100% SASD Surge Protection
- Visual Suppression Status Indicator
- Dry Contact Remote Annunciation Terminals
- Replaceable Suppression Modules
- 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) 1101-625 from Transtector is a DIN-Rail 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			83 @ 2500A	Vpk
VPL 10/1000 μ s			64 @ 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 24 Vdc, Single-Mode SASD 1101-625](#)

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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	0.35 lbs	[158.76 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

RoHS Compliant	Yes
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.

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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.

1101-625 CAD Drawing

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

1.03 [26.2]

2.60 [66.1]

2.63 [66.8]

GREEN SUPPRESSION STATUS LED

REPLACEABLE ICP SUPPRESSION MODULE

DIN-RAIL MOUNTING FOOT

<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</p> <p>TOLERANCES: .X±.2 [5.08] FRACTIONS .XX±.01 [.25] ±.132 XXX±.005 [.13] ANGLES ±1°</p> <p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. THIRD-ANGLE PROJECTION</p>		<p>TRANSTECTOR</p> <p>10701 AIRPORT ROAD, HAYDEN, ID, 83835 PHONE: 1.208.635.6400 1.800.882.9110 FAX: 1.208.955.2041 www.transtector.com e-mail: sales@transtector.com</p>
<p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSTECTOR CORPORATION. ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1 SCALE 1:1</p>	<p>SIZE CAGE DRAWN BY PART NUMBER A 30992 HMB 1101-625</p>	<p>REV A</p>

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