

DC Surge Protector SPD I2R Indoor DIN-Rail 24 Vdc, Single-Mode, 5 kA SASD IEC EN 60529

1104-11-001
I2R IEP 24-5



Features

- SASD Surge Protector
- 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) 1104-11-001 from Transtector is an IEC EN 60529 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			1	ns
8/20 μ s Surge Current			5	kA
VPL 8/20 μ s L-G			95 @ 2500A	Vpk
Nominal Discharge Surge Current (In)		2.5		kA

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, 5 kA SASD IEC EN 60529 1104-11-001](#)

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Mechanical Specifications

Size

Height	3.54 in	[89.92 mm]
Width	0.69 in	[17.53 mm]
Depth	2.38 in	[60.45 mm]
Weight	0.23 lbs	[104.33 g]
Housing Material and Plating	PA66	

Environmental Specifications

Temperature

Operating Range	-40 to +80 deg C
Storage Range	-40 to +80 deg C
Environmental Protection (IP) Rating	IP20
Humidity	95% non-condensing

Installation

Mount Type	DIN-Rail
Service Wiring Terminal	
Screw Clamp Terminal	#6 AWG Stranded
Service Terminal Wire 2	#4 AWG Solid
Status Indication Terminal	
3-Position Screw Terminal	#22 to #16 AWG

Compliance Certifications

RoHS Compliant	Yes
Certifications	IEC EN 60529

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

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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.

1104-11-001 CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	1/17/19
		APPROVED DWR

3.80 [96.6]

.70 [17.8]

2.64 [67.1]

3-POS SCREW TERMINAL FOR
REMOTE SUPPRESSION STATUS WIRING

REPLACEABLE I2R SUPPRESSION MODULE

VISUAL SUPPRESSION STATUS INDICATOR

DIN-RAIL
MOUNTING FOOT

2X COMPRESSION LUGS
FOR SERVICE WIRING

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

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

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.
THIRD-ANGLE PROJECTION

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SHEET 1 OF 1
SCALE 1:2

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SIZE CAGE DRAWN BY PART NUMBER
A 30992 HMB 1104-11-001

REV A

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