

AC Surge Protector SPD I2R DIN-Rail 120 Vac Single-Phase SASD 7 kA, UL 1449 4th Ed. Status LED

1101-627
I2R ICP 120



Features

- 100% SASD Protection
- SASD and MOV Protection Options
- Visual Suppression Status Indicator
- Replaceable Suppression Modules
- DIN-Rail Mount

Applications

- Electrical Panelboards
- Industrial Automation
- Communications Base Stations
- IT & Data Centers
- Switchgear
- Motor Control Centers
- Automatic Transfer Switches
- Wastewater Treatment
- Oil & Gas
- LED Lighting
- Schools
- Hospitals

Description

AC surge protector (also known as SPD or lightning protector) 1101-627 from Transtector is a UL1449 4th Ed. DIN-Rail style SPD that utilizes state of the art SASD technology to protect critical equipment that operates on a 120 Vac Single-Phase 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 AC surge protectors are available in stock with same day shipping.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Service Voltages		120		Vac
Service Type		Single-Phase		
Maximum Continuous Operating Voltage (MCOV)				
L - N			138	Vac
L - G			138	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protection Modes		L-N/G		
8/20µs Surge Current			7	kA

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[AC Surge Protector SPD I2R DIN-Rail 120 Vac Single-Phase SASD 7 kA, UL 1449 4th Ed. Status LED 1101-627](#)

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Nominal Discharge Current Rating (In)	3	kA
VPR 8/20 μ s L - L		500 Vpk
Response Time	5	ns

Mechanical Specifications

Size

Height	2.6 in	[66.04 mm]
Width	1.03 in	[26.16 mm]
Depth	2.63 in	[66.8 mm]
Weight	0.4 lbs	[181.44 g]
Housing Material and Plating	Rynite FR350/PBT	

Environmental Specifications

Temperature Range (Operational)	-40 to +80 deg C
Humidity	90% non-condensing

Installation

Mount Type	DIN Rail
Service Wiring Terminal	#4 to #14 AWG
Screw-Down	

Compliance Certifications

UL Compliant Certifications	Yes UL 1449 4th Ed.
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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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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.

1101-627 CAD Drawing

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/8/19	DWR

GREEN SUPPRESSION STATUS LED

1.03 [26]

2.60 [66]

TR ICP
120 Vac SASD
1101-627

Green = Ready

TRANSACTOR

2.63 [67]

MODE
MLV@3kA
in
1000V

3-IN
240 Vpk
3 kA
158 V

CAI US

TR123-4687891234

REPLACEABLE ICP SUPPRESSION MODULE

DIN-RAIL MOUNTING FOOT

<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</p> <p>TOLERANCES:</p> <p>.X±.2 [5.08] FRACTIONS ±.102</p> <p>XX±.01 [.25] ANGLES ±1°</p> <p>XXX±.005 [.13]</p> <p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p> <p>THIRD-ANGLE PROJECTION</p>		<p>TRANSACTOR</p> <p>10701 AIRPORT ROAD, HAYDEN, ID, 83835 PHONE: 1.208.635.6400 1.800.882.9110 FAX: 1.208.955.2041 www.transactor.com e-mail: sales@transactor.com</p>
<p>SIZE CAGE A 30992</p>	<p>DRAWN BY DPM</p>	<p>PART NUMBER 1101-627</p>
<p>REVISIONS</p>		<p>SHEET 1 OF 1</p> <p>SCALE 1:1</p> <p>REV A</p>

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