

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 Screw-Down	#4 to #14 AWG

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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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>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF TRANSACTOR CORPORATION. ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1</p> <p>SCALE 1:1</p>	<p>SIZE CAGE A 30992</p> <p>DRAWN BY DPM</p> <p>PART NUMBER 1101-627</p>	<p>REV A</p>

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