

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
- 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		
Frequency	50		60	Hz
Maximum Continuous Operating Voltage (MCOV) L - N			138	Vac
Maximum Continuous Operating Voltage (MCOV) L - G			138	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protection Modes		L-N/G		
8/20 μ s Surge Current			7	kA
Nominal Discharge Current Rating (In)		3		kA
VPR 8/20 μ s L - L			500	Vpk
Response Time			5	ns

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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

Compliance Certifications

UL Compliant	Yes
Certifications	UL 1449 4th Ed.

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: [AC Surge Protector SPD I2R DIN-Rail 120 Vac Single-Phase SASD 7 kA, UL 1449 4th Ed. Status LED 1101-627](https://www.transtector.com/ac-surge-protector-spd-i2r-din-rail-1101-627)

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1101-627 CAD Drawing

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