

## AC Surge Protector SPD I2R DIN-Rail 240 Vac Single-Phase SASD 7 kA Status LED

**1101-629**  
I2R ICP 240



### 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) 1101-629 from Transtector is a DIN-Rail style SPD that utilizes state of the art SASD technology to protect critical equipment that operates on a 240 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		240		Vac
Service Type		Single-Phase		
Maximum Continuous Operating Voltage (MCOV)				
L - N			275	Vac
L - G			275	Vac

### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protection Modes		L-N/G		
8/20 $\mu$ s 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 240 Vac Single-Phase SASD 7 kA Status LED 1101-629](#)

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Nominal Discharge Current Rating (In)	3	kA
V <sub>pl</sub> 8/20 $\mu$ s L-N	600 @ 500A	V <sub>pk</sub>
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

RoHS Compliant	Yes
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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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URL: <https://www.transtector.com/ac-surge-protector-spd-i2r-din-rail-1101-629-p.aspx>

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## 1101-629 CAD Drawing

