

AC Surge Protector SPD DR DIN-Rail 120 Vac Single-Phase 20 A SASD 700 A, UL 94-V0

1101-346
DR 120



Features

- 100% SASD Protection
- Suppression Status LED
- Dry Contact Remote Annunciation Wire Leads
- Replaceable Suppression Modules
- WAGO Cage Clamp Wiring Terminals
- 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) 1101-346 from Transtector is a UL 94-V0 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		
Current Rating			20	A
Maximum Continuous Operating Voltage (MCOV)				
L - N			140	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protection Modes		L-N		
8/20 μ s Surge Current			0.7	kA

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
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Nominal Discharge Current Rating (In)	0.7	kA
V _{pl} 8/20 μ s L-N	220	V _{pk}
Response Time	5	ns

Mechanical Specifications

Size

Height	3.5 in	[88.9 mm]
Width	0.9 in	[22.86 mm]
Depth	2.9 in	[73.66 mm]
Weight	0.18 lbs	[81.65 g]
Housing Material and Plating	Plastic	UL94 V-0

Environmental Specifications

Temperature Range (Operational)	-40 to +85 deg C
Temperature Range (Storage)	-40 to +85 deg C
Humidity	95% non-condensing

Installation

Mount Type	DIN Rail
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Compliance Certifications

UL Compliant	Yes
Certifications	UL 94-V0

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-dr-din-rail-1101-346-p.aspx>

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1101-346 CAD Drawing

