

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:
[AC Surge Protector SPD DR DIN-Rail 120 Vac Single-Phase 20 A SASD 700 A, UL 94-V0 1101-346](#)

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| | | |
|---------------------------------------|-----|-----|
| Nominal Discharge Current Rating (In) | 0.7 | kA |
| Vpl 8/20 μ s L-N | 220 | Vpk |
| 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 |
|------------|----------|

Compliance Certifications

| | |
|-----------------------------|-----------------|
| UL Compliant Certifications | Yes 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

