

AC Surge Protector SPD ACP Plug-In 120 Vac Single-Phase 20 A SASD 8 kA, UL 94-V0

**1101-578**  
ACP 100 DR2 5-20



## Features

- 100% SASD Protection
- Suppression Status Lamp
- Hard-Wired
- Wall 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) 1101-578 from Transtector is a UL 94-V0 plug-in 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			138	Vac

## Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protection Modes		L-N		
8/20 $\mu$ s Surge Current			8	kA
10/1000 $\mu$ s Surge Current			0.35	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 ACP Plug-In 120 Vac Single-Phase 20 A SASD 8 kA, UL 94-V0 1101-578](#)

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Nominal Discharge Current Rating (In)	0.7	kA
V <sub>pl</sub> 8/20 $\mu$ s L-N	486 @ 8kA	V <sub>pk</sub>
Response Time	330 @ 500A	5 ns

## Mechanical Specifications

Size		
Height	2.5 in	[63.5 mm]
Width	3 in	[76.2 mm]
Depth	6.5 in	[165.1 mm]
Weight	0.8 lbs	[362.87 g]
Housing Material and Plating	Noryl N190X	

## Environmental Specifications

Temperature Range (Operational)	-30 to +65 deg C
Humidity	90% non-condensing

## Installation

Mount Type	DIN Rail/Panel
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## 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-acp-plug-in-1101-578-p.aspx>

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## 1101-578 CAD Drawing

