

AC Surge Protector SPD TS 120 Vac Single-Phase 20 A SASD, MOV 10 kA

1101-557
TS 120-520SM



Features

- 100% SASD Protection
- Suppression Status LED
- Cord Connected

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) 1101-557 from Transtector is a plug-in style SPD that utilizes state of the art SASD/MOV 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, MOV		
Protection Modes		L-N/G		
8/20 μ s Surge Current			10	kA
10/1000 μ s Surge Current			0.15	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 TS 120 Vac Single-Phase 20 A SASD, MOV 10 kA 1101-557](#)

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Nominal Discharge Current Rating (In)	1.2	kA
V _{pl} 8/20 μ s L-N	340 @ 1.2kA	V _{pk}
Response Time	5	ns

Mechanical Specifications

Size		
Height	6.5 in	[165.1 mm]
Width	3 in	[76.2 mm]
Depth	2.25 in	[57.15 mm]
Weight	0.7 lbs	[317.51 g]
Housing Material and Plating	Noryl N190X	

Environmental Specifications

Temperature Range (Operational)	-30 to +50 deg C
Humidity	90% non-condensing

Installation

Mount Type	Wall-Mount
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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-ts-120-vac-1101-557-p.aspx>

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1101-557 CAD Drawing

