

## AC Surge Protector SPD MCP DIN-Rail Assy 120 Vac Single-Phase SASD, MOV 30 kA

**1101-1153**  
MCP 120S-30A1



### Features

- SASD/MOV Protection
- Power and Suppression Status LEDs
- Dry Contact Remote Annunciation Wire Leads
- 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) 1101-1153 from Transtector is a DIN-Rail assy 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		
Maximum Continuous Operating Voltage (MCOV)				
L - N			150	Vac

### Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD, MOV		
Protection Modes		L-N		
8/20 $\mu$ s Surge Current			30	kA
Nominal Discharge Current Rating (In)		20		kA
Vpl 8/20 $\mu$ s L-N		525 @ 3kA		Vpk

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 MCP DIN-Rail Assy 120 Vac Single-Phase SASD, MOV 30 kA 1101-1153](#)

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Response Time	5	ns
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**Mechanical Specifications**

**Size**

Height	4.47 in	[113.54 mm]
Width	5.88 in	[149.35 mm]
Depth	3.73 in	[94.74 mm]
Weight	4 lbs	[1.81 kg]
Housing Material and Plating	Steel and Plastic	

**Environmental Specifications**

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

**Installation**

Mount Type	Fixed Wall/Panel
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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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1101-1153 CAD Drawing

