

AC Surge Protector SPD APEX Panel 120/240 Vac  
Split-Phase SASD, MOV 30 kA, UL 94-5V

**1101-460**  
APEX IV X5 120TMR



## Features

- SASD/MOV Hybrid Protection
- Power and Suppression Status LEDs
- Dry Contact Remote Annunciation Wire Leads
- Replaceable Suppression Modules
- NEMA 4X Enclosure

## 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) 1101-460 from Transtector is a UL 94-5V panel style SPD that utilizes state of the art SASD/MOV technology to protect critical equipment that operates on a 120/240 Vac split-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		120/240		Vac
Service Type		Split-Phase		
Maximum Continuous Operating Voltage (MCOV)				
L - L			276	Vac
L - N			138	Vac

## Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD, MOV		
Protection Modes		L-L, L-N		
8/20 $\mu$ s Surge Current			30	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 APEX Panel 120/240 Vac Split-Phase SASD, MOV 30 kA, UL 94-5V 1101-460](#)

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Nominal Discharge Current Rating (In)	10	kA
VPR 8/20 $\mu$ s		
L - L	900	Vpk
L - N	600	Vpk
Response Time	5	ns
SCCR (Short Circuit Current Rating)	42	kAIC

### Mechanical Specifications

Size		
Height	12.5 in	[317.5 mm]
Width	10.5 in	[266.7 mm]
Depth	6.5 in	[165.1 mm]
Weight	10.5 lbs	[4.76 kg]
Housing Material and Plating	Fiberglass	

### Environmental Specifications

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

### Installation

Mount Type	Panel
Service Wiring Terminal	
Terminals	#4 to #10 AWG
Status Indication Terminal	
8 Pin Connector	#14 to #22 AWG

### Compliance Certifications

UL Compliant Certifications	Yes UL 1449 4th Edition UL 94-5V
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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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## 1101-460 CAD Drawing

