

AC Surge Protector SPD APEX Panel 120/240 Vac Split-Phase SASD 10 kA

1101-439-42
APEX IV X5 120TR



Features

- 100% SASD Protection
- SASD Only or 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) 1101-439-42 from Transtector is a panel style SPD that utilizes state of the art SASD 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		
Frequency	50		60	Hz
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		
Protection Modes		L-L, L-N		

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 10 kA 1101-439-42](#)

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8/20μs Surge Current	10	kA
Nominal Discharge Current Rating (In)	10	kA
Vpl 8/20μs L-N	330 @ 500A	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	5 lbs	[2.27 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	3-Pin Connector #14 to #22 AWG

Compliance Certifications

UL Compliant	Yes
Certifications	NOM

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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-apex-panel-120-1101-439-42-p.aspx>

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1101-439-42 CAD Drawing

