

AC Surge Protector SPD APEX IMAX Module 120 Vac SASD 20 kA



IMAX-120S-SR APEX IMAX 120V SASD REPLACEMENT MODULE

Features

- Replacement Module for APEX IMAX Series

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) IMAX-120S-SR from Transtector is a module style SPD that utilizes state of the art SASD technology to protect critical equipment that operates on a 120 Vac 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
Frequency	50		60	Hz
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 μ s Surge Current			20	kA
10/1000 μ s Surge Current			1.5	kA
Nominal Discharge Current Rating (In)		10		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 IMAX Module 120 Vac SASD 20 kA IMAX-120S-SR](#)

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IMAX-120S-SR
APEX IMAX 120V SASD REPLACEMENT MODULE

Response Time	5	ns
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Mechanical Specifications

Size		
Height	0.75 in	[19.05 mm]
Width	4.55 in	[115.57 mm]
Depth	4.25 in	[107.95 mm]
Weight	0.3 lbs	[136.08 g]
Housing Material and Plating	Noryl 190X	

Environmental Specifications

Temperature Range (Operational)	-40 to +75 deg C
Humidity	90% non-condensing

Compliance Certifications

UL Compliant Certifications	Yes UL 1449 4th Edition
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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.

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 IMAX Module 120 Vac SASD 20 kA IMAX-120S-SR](#)

URL: <https://www.transtector.com/IMAX-120S-SR-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume any liability arising out of the use of any part or documentation.

IMAX-120S-SR CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
B	PCR IMAX-120S-SR IMAX-120S-MFR 20220531	6/8/22
		APPROVED ESHOFNER

RED LABEL

2X MOUNTING TABS

ANNUNCIATION CONTACTS

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5.08]	FRACTIONS ± 1/32
.XX = ±.02 [51]	ANGLES ± 1°
.XXX = ±.005 [13]	

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

TRANSTECTOR

an INFINIT brand

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SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	30992	DMAY	IMAX-120S-SR	B

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