

AC Surge Protector SPD I2R DIN-Rail 120 Vac Single-Phase SASD 10 kA, UL 1449 4th Ed., HazLoc

1104-15-000
IEP 120-10



Features

- Class I/Div II, ATEX
- 100% SASD Protection
- Visual Suppression Status Indicator
- Dry Contact Remote Annunciation Terminals
- Replaceable Suppression Modules
- DIN-Rail 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) 1104-15-000 from Transtector is a UL1449 4th Ed. DIN-Rail style SPD that utilizes state of the art SASD 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		
Frequency	50		60	Hz
Maximum Continuous Operating Voltage (MCOV)				
L - N			150	Vac

Surge Protection Specification

Description	Minimum	Typical	Maximum	Units
Surge Protection Technology		SASD		
Protection Modes		L-N/G		
8/20 μ s Surge Current			10	kA

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
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Nominal Discharge Current Rating (In)	5	kA
VPR 8/20 μ s		
L - N	500	Vpk
Response Time	5	ns
SCCR (Short Circuit Current Rating)	22	kAIC

Mechanical Specifications

Size

Height	2.64 in	[67.06 mm]
Width	0.7 in	[17.78 mm]
Depth	3.54 in	[89.92 mm]
Weight	0.74 lbs	[335.66 g]
Housing Material and Plating	Black Plastic	

Environmental Specifications

Temperature Range (Operational)	-40 to +70 deg C
Humidity	95% non-condensing

Installation

Mount Type	DIN Rail
Service Wiring Terminal	Terminals #4 to #10 AWG

Compliance Certifications

RoHS Compliant	Yes
CE Compliant	Yes
UL Compliant	Yes
Hazardous Locations	Yes
Certifications	UL 1449 4th Ed. Class 1 Division 2 Groups A,B,C,D T6 Class 1 Zone 2 Aex ec IIC T6 Gc Class T6 Tamb -40C to +65C

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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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1104-15-000 CAD Drawing

