

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

1104-15-001
I2R Storm120-10



Features

- 100% SASD Protection
- SASD and MOV Protection Options
- Visual Suppression Status Indicator
- Dry Contact Remote Annunciation Terminals
- 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) 1104-15-001 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 | | |
| 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 |
| Nominal Discharge Current Rating (In) | | 5 | | 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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VPR 8/20 μ s

| | | |
|-------------------------------------|-----|------|
| L - N | 600 | Vpk |
| Response Time | 5 | ns |
| SCCR (Short Circuit Current Rating) | 22 | kAIC |

Mechanical Specifications

Size

| | | |
|------------------------------|---------------|------------|
| Height | 2.66 in | [67.56 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 +85 deg C |
| Humidity | 95% non-condensing |

Installation

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

Compliance Certifications

| | |
|----------------|-----------------|
| UL Compliant | Yes |
| Certifications | UL 1449 4th Ed. |

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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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1104-15-001 CAD Drawing

