

DC Surge Protector SPD DRI Indoor DIN-Rail 24 Vdc, Full-Mode SASD



1101-1213 DRI 24LV

Features

- 100% SASD Protection
- Suppression Status LED
- Dry Contact Remote Annunciation Terminals
- Replaceable Suppression Module
- DIN-Rail Mount

Applications

- Industrial Automation
- Controls & Sense Loops
- Telecommunications Base Stations
- IT & Data Centers
- Wastewater Treatment
- Rail
- Oil & Gas
- LED Lighting

Description

DC surge protector (also known as SPD or lightning protector) 1101-1213 from Transtector is a DIN-Rail style SPD that utilizes state of the art SASD technology to protect critical equipment that operates on a 24 Vdc 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 DC surge protectors are available in stock with same day shipping.

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|---|---------|---------|---------|-------|
| Service Voltages | | 24 | | Vdc |
| Current Rating | | | 5 | A |
| Maximum Continuous Operating Voltage (MCOV) | | | | |
| MCOV DC | | | 34 | Vdc |

Surge Protection Specification

| Description | Minimum | Typical | Maximum | Units |
|-----------------------------|---------|---------------------------------|-------------|-------|
| Surge Protection Technology | | SASD | | |
| Surge Protection Modes | | Supply to GND, Supply to Supply | | |
| Response Time | | | 5 | ns |
| VPL 8/20 μ s L-G | | | 110 @ 1000A | Vpk |
| VPL 10/1000 μ s | | | 48 @ 100A | Vpk |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[DC Surge Protector SPD DRI Indoor DIN-Rail 24 Vdc, Full-Mode SASD 1101-1213](#)

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1101-1213
DRI 24LV

Mechanical Specifications

Size

| | | |
|------------------------------|---------|------------|
| Height | 3.36 in | [85.34 mm] |
| Width | 2.06 in | [52.32 mm] |
| Depth | 1.67 in | [42.42 mm] |
| Weight | 1 lbs | [453.59 g] |
| Housing Material and Plating | Nylon | |

Environmental Specifications

Temperature

| | |
|-----------------|--------------------|
| Operating Range | -40 to +85 deg C |
| Storage Range | -40 to +85 deg C |
| Humidity | 99% non-condensing |

Installation

| | |
|----------------------------|----------------|
| Mount Type | DIN-Rail |
| Service Wiring Terminal | |
| Spring Cage Clamp | #28 to #12 AWG |
| Status Indication Terminal | |
| 3-Position Screw Terminal | #28 to #12 AWG |

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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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.

1101-1213 CAD Drawing

| REVISIONS | | |
|-----------|-----------------|----------|
| REV. | DESCRIPTION | DATE |
| A | INITIAL RELEASE | 1/17/19 |
| | | APPROVED |
| | | DWR |

2.85 [72.5]

3.47 [88]
1.67 [42.5]

2.06 [52.3]

SUPPRESSION STATUS LED
REPLACEABLE DR SUPPRESSION MODULE
DIN-FOOT FOR IN/OUT SERVICE WIRING AND GROUNDING

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

TOLERANCES:
 .X±.2 [5.08] FRACTIONS ± 1/32
 XX±.01 [.25] ANGLES ± 1°
 XXX±.005 [.13]

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.
THIRD-ANGLE PROJECTION

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SHEET 1 OF 1
SCALE 1:2

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SIZE CAGE A 30992
 DRAWN BY HMB
 PART NUMBER 1101-1213

REV A

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