TRANSTECTOR™
an INFINITE brand

DC Surge Protector SPD I2R Indoor DIN-Rail 600 Vdc, Full-Mode, 40 kA MOV IEC 61643-1




**1104-11-100**
I2R SPV600 3-40

## Features

- MOV Surge Protector
- Visual Suppression Status Indicator
- Dry Contact Remote Annunciation Terminals
- 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) 1104-11-100 from Transtector is an IEC 61643-1 DIN-Rail style SPD that utilizes state of the art MOV technology to protect critical equipment that operates on a 600 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 | | 600 | | Vdc |
| Maximum Continuous Operating Voltage (MCOV) | | | | |
| MCOV DC | | | 800 | Vdc |

## Surge Protection Specification

| Description | Minimum | Typical | Maximum | Units |
|---|---|---|---|---|
| Surge Protection Technology | | MOV | | |
| Surge Protection Modes | | Supply to RET, Supply to GND, RET to GND | | |
| Response Time | | | 25 | ns |
| 8/20µs Surge Current | | | 40 | kA |
| VPL 8/20µs L-G | | | 3,000 | Vpk |
| Nominal Discharge Surge Current (In) | | 20 | | kA |

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 I2R Indoor DIN-Rail 600 Vdc, Full-Mode, 40 kA MOV IEC 61643-1 1104-11-100


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## Mechanical Specifications

| | | |
|---|---|---|
| **Size** | | |
| Height | 3.54 in | [89.92 mm] |
| Width | 2.12 in | [53.85 mm] |
| Depth | 2.66 in | [67.56 mm] |
| Weight | 0.74 lbs | [335.66 g] |
| Housing Material and Plating | PA66 | |

## Environmental Specifications

| | |
|---|---|
| **Temperature** | |
| Operating Range | -40 to +80 deg C |
| Storage Range | -40 to +80 deg C |
| Environmental Protection (IP) Rating | IP20 |
| Humidity | 95% non-condensing |

## Installation

| | |
|---|---|
| Mount Type | DIN-Rail |
| Service Wiring Terminal | |
| Screw Clamp Terminal | #6 AWG Stranded |
| Service Terminal Wire 2 | #4 AWG Solid |
| Status Indication Terminal | |
| 3-Position Screw Terminal | #22 to #16 AWG |

## Compliance Certifications

| | |
|---|---|
| Certifications | IEC 61643-1 |

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.

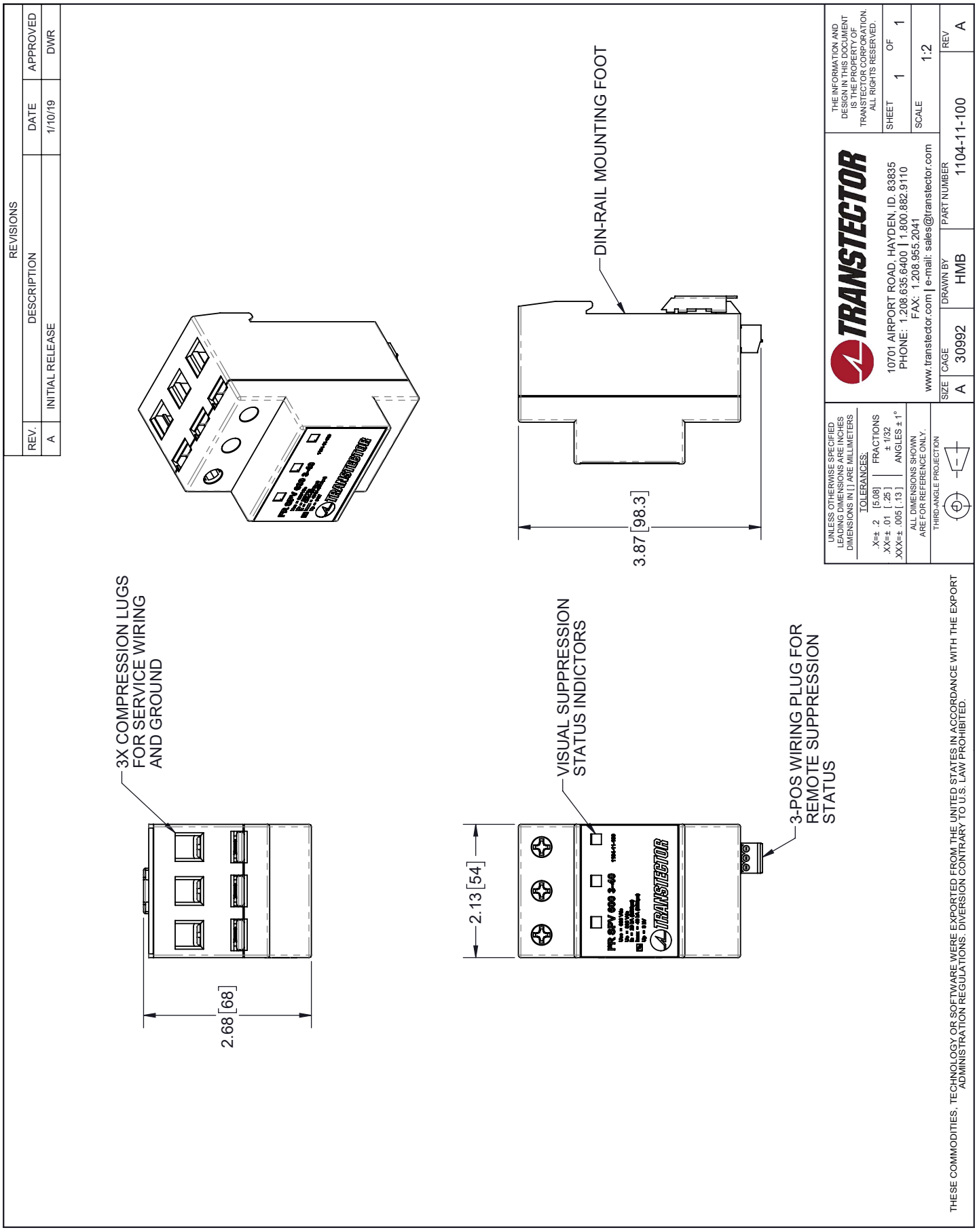
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URL: https://www.transtector.com/dc-surge-protector-spd-i2r-indoor-din-1104-11-100-p.aspx

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.


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## 1104-11-100 CAD Drawing





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